

The 2005 High School Transcript Study User's Guide and Technical Report



The 2005 High School Transcript Study User's Guide and Technical Report

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1. INTRODUCTION

This technical report documents the procedures used to collect and summarize data from the 2005 High School Transcript Study (HSTS 2005). Chapters detail the sampling of schools and graduates (chapters 2 and 3), data collection procedures (chapter 4), data processing procedures (chapter 5), and weighting procedures (chapter 6). Chapter 7 describes the HSTS 2005 data files and codebooks that are encompassed by this report. Appendices A through J contain the HSTS 2005 data collection and documentation forms, and appendices K through M contain the associated National Assessment of Educational Progress (NAEP) 2005 study questionnaires. Appendix N contains information concerning nonresponse bias associated with creating the HSTS weights. Appendix O describes the Classification of Secondary School Courses (CSSC), which was used to code the courses on the HSTS 2005 transcripts, and provides a complete listing of CSSC codes. The codebooks for all of the HSTS 2005 restricted-use data files are in appendices P through W. A glossary of terms is in appendix X.

This chapter provides an introduction to HSTS 2005. Additional information is contained in later chapters. Initial results are contained in the companion report *The Nation's Report Card: America's High School Graduates: Results from the 2005 NAEP High School Transcript Study* (Shettle et al. 2007), where selected topics are discussed in greater detail.

1.1 Overview of the High School Transcript Study

Over the years, various reform efforts have sought to improve the quality of education across the United States. In the early 1980s, the focus was on statewide curricula in core courses, a response to the watershed report, *A Nation at Risk: The Imperative for Educational Reform* (National Commission on Excellence in Education 1983). Since then, national efforts have addressed several issues concerning quality education, analyzing the content of courses in specific subject areas (e.g., mathematics and science), the number of courses completed, and when courses are completed.

NAEP HSTS is a periodic survey that provides educational professionals, such as administrators, policymakers, and researchers, with information regarding the coursetaking patterns of high school graduates and their grade point averages (GPAs). It can also be used to provide information

on the relationship of graduate coursetaking patterns to achievement as measured by NAEP. NAEP is an ongoing, periodic assessment of educational achievement in U.S. schools.

The transcript studies serve as a barometer for changes in high school graduates' coursetaking patterns. Coursetaking patterns provide valuable information about the rigor of high school curricula followed across the nation. The first national transcript study was conducted by the National Center for Education Statistics (NCES) in 1982 and captured baseline information on high school students' patterns prior to the publication of *A Nation at Risk* and the resulting changes in curricula and educational reform.

For HSTS 2005, complete transcripts for 26,200 graduates from public and private high schools in 2005 were collected from a nationally representative sample of schools from May through October 2005. The survey was conducted in conjunction with NAEP 2005 mathematics and science assessments in the 12th grade. A description of this survey can be found on the NAEP home page at <http://nces.ed.gov/nationsreportcard/>.

Since similar studies were conducted on the coursetaking patterns of graduates over the years, changes in these patterns can be studied and compared. Table 1 lists the nine NCES studies that have been conducted beginning in 1982 involving the collection of high school transcripts.

Table 1. NCES high school transcript studies: Selected years, 1982-2005

Study	Approximate number of transcripts ¹
1982 High School and Beyond	12,700
1987 NAEP High School Transcript Study	34,100
1990 NAEP High School Transcript Study	21,500
National Education Longitudinal Study of 1988 Second Follow-Up (1992).....	17,300
1994 NAEP High School Transcript Study	25,500
1998 NAEP High School Transcript Study	25,000
2000 NAEP High School Transcript Study	21,000
Education Longitudinal Study of 2002 First Follow-Up (2004).....	16,400
2005 NAEP High School Transcript Study	27,200

¹ Includes transcripts that were not included in the final reports because they were out of scope.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, High School and Beyond (HS&B), 1982; National Education Longitudinal Study of 1988 (NELS:88) Second Follow-Up, 1992; Education Longitudinal Study of 2002 (ELS:2002) First Follow-Up, (2004); High School Transcript Study (HSTS), Selected years, 1987-2005.

1.2 Relationship of the HSTS 2005 and NAEP 2005

HSTS is conducted in conjunction with NAEP. HSTS 2005 was designed to allow an analysis of the coursetaking patterns of graduates who graduated from American public and private high schools in 2005. It was further designed so that data on graduates' coursetaking patterns can be linked to the NAEP 2005 assessment results. NAEP provides results about subject-matter achievement, instructional experiences, and school environment, and reports these results for populations of students (e.g., 12th-graders) and selected subgroups of those populations (e.g., male students). Changes in the relationship of HSTS coursetaking to NAEP performance can also be examined for similar studies in 1994, 1998, and 2000.¹

NAEP provides HSTS with data on assessments in different subjects. For HSTS 2005, the scale scores for mathematics and science were provided.

When schools selected for NAEP do not participate in NAEP, the original NAEP schools are replaced with appropriate substitute schools when feasible. To maintain as many links as possible with NAEP 2005 scores, substitute schools that participated in NAEP 2005 were asked to participate in HSTS. When neither the original NAEP refusal schools nor a NAEP substitute participated in NAEP, the school originally selected for NAEP was asked to participate in HSTS. If this school refused participation in HSTS early in the data collection process, the substitute school was asked to participate. Of the 1,017 eligible schools in the original NAEP sample, 726 schools participated in the HSTS 2005 survey, of which 58 were substitute schools. Of the schools participating in HSTS 2005, there were 677 (93 percent) schools that also participated in NAEP 2005 and retained the information necessary to link HSTS and NAEP.²

A total of approximately 29,900 12th grade students were selected for HSTS 2005. Because sampling was performed in most schools prior to graduation, not all sampled students were, in fact, graduates. However, only graduates were eligible for inclusion in the transcript study. Of the students in the original sample, it was determined that approximately 27,200 (91 percent) had graduated by October 2005. Transcripts were received from all but 99 (0.4 percent) of these graduates.

¹ See Legum et al. 1997; Roey et al. 2001b; and Perkins et al. 2004 for information on earlier studies.

² The links between the graduates and their IDs are maintained at the schools to preserve the confidentiality of the graduates.

1.3 Contextual Background Data Provided by HSTS 2005

Contextual background data for HSTS 2005 are obtained from the NAEP 2005 questionnaires³, the high school transcripts, and various school-level forms completed by a school coordinator or counselor.

NAEP 2005 Questionnaires also Completed for Non-NAEP Schools

- The *School Background Questionnaire* contains information about the school, its teachers, and its student body (see appendix K).
- The *Students with Disabilities Questionnaire (SD)* contains information about students classified by their schools as having a disability (see appendix L).
- The *Students with Limited English Proficiency Questionnaire (LEP)* contains information about students classified by their schools as having limited skills in English (see appendix M).

NAEP 2005 Questionnaires not Completed for Non-NAEP Graduates

Students taking NAEP completed *Student Questionnaires* embedded in their test booklets that described their background, demographic characteristics, and educational experiences. Since HSTS does not contact individual graduates, comparable information is not available for graduates that did not participate in NAEP.

Transcripts

The transcripts provided information about the graduate that was coded and entered into the data system by trained personnel. These data included the following:

- date graduate enrolled in high school;
- date graduate graduated;

³ Additional information about these questionnaires can be found at <http://nces.ed.gov/nationsreportcard/bgquest.asp>.

- rank in class (where available);
- size of class (where available);
- GPA;
- days absent each year (where available);
- standardized test scores and honors (where available);
- list of courses taken in high school, including the grades received, the number of credits earned for each course, and the grade in which the course was taken; and
- total number of credits received and, in many cases, total number of credits attempted.

School Forms, Catalogs or Course Lists

- *Transcript Request Form (TRF)*: A field worker completed a TRF upon returning to a school to obtain requested graduate transcripts. The form contained graduate demographic data, including Title 1 and National School Lunch Program participation status, as well as the student's graduation status.
- *School Information Form (SIF)*: The completed SIF contained information about the school in general, such as sources of data collection information within the school, course description materials, graduation requirements, and grading practices.
- *School-level Catalog or Course Lists*: These lists contained course titles and descriptions needed to code courses, using the Classification of Secondary School Courses (CSSC).⁴

1.3.1 Participation and Confidentiality of Data

Graduates' transcripts were collected by field workers for the sample of graduates selected for the NAEP 2005 assessment. Unlike NAEP, parental consent is not needed in HSTS, and the schools are provided with information about the Family Educational Rights and Privacy Act (FERPA) that authorizes collection of transcript data without parental consent. Sometimes schools object, and field workers reiterate the FERPA. Generally, schools do not require parental or graduate notification or consent for HSTS because there is no burden placed on the graduate.

⁴ See section 4.3.1 for additional information on this process.

The data obtained from the transcript study were kept strictly confidential. Student names and any other identifiable information were masked on the copies of the transcripts before these materials left the schools. Furthermore, in schools that participated in the NAEP assessments, each student received a NAEP ID that was also used in HSTS. The list that linked the student's name with that NAEP ID remained in the school. HSTS staff did not have access to that list and could not recreate it if it were lost.

The restricted-use HSTS 2005 data files do not contain the graduates' names or other variables that directly identify the sampled graduates. Data files do contain the graduates' NAEP IDs, which enable researchers to link the transcript data to the NAEP data. HSTS follows NCES' strict procedures regarding the confidentiality of data files.

1.4 Classification of Secondary School Courses (CSSC)

To compare transcripts from different schools, it was necessary to code each of the courses entered from the transcripts using a common course coding system. The coding system employed for this purpose was a modification of the system presented in *A Classification of Secondary School Courses* (Ludwig et al. 1982). The CSSC, which contains over 2,200 course codes, is a modification of the college course classification system presented in *Classification of Instructional Programs* (Morgan, Hunt, and Carpenter 1991). Both course coding systems use a three-level, six-digit system for classifying courses. The CSSC uses the same first two levels as the Classification of Instructional Programs (CIP), which is represented by the first four digits of each code.⁵ 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.

A taxonomy of course subject areas was developed for HSTS 1987. This taxonomy, documented in the HSTS 1987 tabulations (Thorne 1988), was developed with an emphasis on academic courses. Computer-related courses were considered as constituting a separate nonvocational subject area, and there were fewer subgroups defined for vocational and personal courses. This taxonomy was applied to data from the High School and Beyond (HS&B) 1982 First Follow-Up Study and the HSTS 1987 data. HSTS 1990 used a slightly expanded version of the same taxonomy in its reports.⁶

⁵ Specifically, 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 students with disabilities.

⁶ The 1990 study added 18 new codes to the CSSC and to the taxonomy. The full taxonomy is documented in Legum et al. 1993a and Legum et al. 1993c.

Starting with the 1994 study, HSTS switched over to the Secondary School Taxonomy (SST). Originally developed in the late 1980s by the National Assessment of Vocational Education,⁷ SST has a less purely academic emphasis and a more richly defined group of vocational education categories than the taxonomy developed for the earlier HS&B and HSTS studies. Computer-related courses became vocational courses, and general skills and military science courses became new subject areas. To maintain comparability among the transcript studies, the HSTS 1987 and 1990 studies, along with the HS&B 1982 study, were recoded using the SST.

With more than 2,200 codes in the CSSC, it is often neither practical nor desirable to tabulate estimates of each possible CSSC code. It is typically more useful, however, to analyze the courses in larger subject areas such as English, social studies, mathematics, or science. There is also interest in subgroups of these subject areas, such as biology, chemistry, and physics. The taxonomy presented in appendix O provides the structure for aggregating the courses to subject areas.

1.4.1 Adding and Deleting CSSC Codes

Codes are added to the CSSC whenever courses are found in the catalogs that have no match in the CSSC. Highly trained coders coded the school catalogs received from the field workers. These coders reviewed the catalogs, matching the appropriate CSSC codes to the courses offered, according to the content and description of the course. If a course that was offered did not have a matching CSSC code in the existing list, the coders wrote that course description in a special suggestion list. After the catalogs were reviewed, and all but those courses on the suggestion list were coded, a coding specialist reviewed the suggestion list and tried to match these courses to existing CSSC codes. If a course did not have a matching CSSC code, and if this course also appeared in several other schools, a new CSSC code was generated. If the “new” course was limited to just a few schools, the CSSC code that most closely described the course was assigned.

In 1994, 18 new CSSC codes were added to the list. In 1998, the CSSC’s computer science curriculum changed dramatically. New courses such as Web Design, Java Programming, and C++ Programming were added. Many courses that were labeled as honor courses in the past were reclassified as Advanced Placement (AP) courses. Many International Baccalaureate (IB) courses were added as well.

⁷ A description of the development of the SST is provided in *The Secondary School Taxonomy Final Report* (Gifford, Hoachlander, and Tuma 1994).

In all, a total of 83 new or revised codes were added to the CSSC in 1998. In 2000, two CSSC codes were added, one in science and one in computer-related studies. In 2005, 18 new codes were added. Five new codes reflected the increase in AP and IB courses available to students. Other courses were added when courses were encountered on the transcripts that were clearly different from codes already contained in the master CSSC list. These courses included leadership, military drill team, teacher training, and computer hardware and repair. No new subject areas were identified in HSTS 2005. Three duplicate and unused codes were dropped in 2005.

1.5 Comparing HSTS 2005 Results to Other Transcript Studies

Between 1982 and 2005, NCES has conducted nine high school transcript studies: the HS&B survey in 1982, the Second Follow-Up to the National Educational Longitudinal Study (NELS:88) in 1992, First Follow-Up to the Education Longitudinal Study of 2002 (ELS:2002) in 2004; and NAEP HSTS in 1987, 1990, 1994, 1998, 2000, and 2005. One research objective of NAEP HSTS 2005 was to study changes in the coursetaking patterns among high school graduates over time, comparing its results with the other NCES-conducted high school transcript studies. While results are reported for trends over time, it should be noted that some differences exist among the high school transcript studies and some direct comparisons are cautioned.

For more information about comparisons among the different HS&B and HSTS studies, please refer to chapter 1 of *The High School Transcript Study: A Decade of Change in Curricula and Achievement, 1990-2000* (Perkins et al. 2004).⁸ For discussion about comparisons with the transcript component of the Second Follow-Up to NELS:88, please refer to appendix A of *National Education Longitudinal Study of 1988, Second Follow-Up: Transcript Component Data File User's Manual* (Ingels et al. 1995). The similarities and differences between the high school transcript studies' data (NAEP, NELS, HS&B) are also described extensively in the *NCES Handbook of Survey Methods* (Thurgood et al. 2003). The handbook looks at the comparability of the high school transcript studies' data based upon five criteria: (1) sample sizes, (2) oversampling of subgroups, (3) eligibility criteria for inclusion in the studies, (4) representativeness of cross-sectional and longitudinal populations, and (5) coding differences.

⁸ This report can be found at <http://nces.ed.gov/nationsreportcard/>.

2. SAMPLE DESIGN FOR THE NAEP 2005 12TH-GRADE ASSESSMENTS

The 2005 High School Transcript Study (HSTS 2005) sample consists of a subsample of 12th-grade schools and students selected for participation in the 2005 National Assessment of Educational Progress (NAEP) operational science and mathematics assessments. This chapter describes aspects of the NAEP 2005 sample design that affect the HSTS 2005 sample. The focus of chapter 3 is on aspects of the selection of schools and students that are specific to HSTS 2005.

All public and private high schools in the United States with one or more graduates in 2005 were eligible for HSTS 2005. Graduates were defined as persons receiving a special education, regular education, or honors diploma. Graduates who were considered ineligible for NAEP (e.g., because of a disability) were considered eligible for HSTS. Eligible graduates with incomplete transcripts were considered nonrespondents. For analyses in which the user wishes to link results of the NAEP assessments with HSTS information, graduates were considered eligible if they met both the HSTS and the NAEP eligibility criteria.

HSTS 2005 used all eligible public schools (i.e., schools with 12th-grade NAEP mathematics and/or science assessments) and a subsample of private schools from the 12th-grade NAEP 2005 assessment. The HSTS 2005 graduate sample consisted of the NAEP 2005 student sample in these subsampled schools.

2.1 Overview of the 12th-grade Sample Design for NAEP 2005

The 12th-grade sample for NAEP 2005 was a two-stage probability-based sample of students.⁹ This was a national sample in which schools were the first-stage sampling units selected with probability proportional to a measure of size based on the estimated grade-specific enrollment in the schools. The second stage involved selection of students within schools and their assignment to an assessment subject. In previous NAEP studies, the sample design included an initial sample of primary sampling units (PSUs) from across the nation. For NAEP 2005, the PSU sampling stage was eliminated for operational and statistical reasons.

⁹ The procedures for the 2005 NAEP selection differed from what was used in 2000.

As in past assessments, modest oversampling of Black and Hispanic students was undertaken in this sample and was carried out at the school level in order to provide adequate information of these groups for analysis. Each school with both more than 15 percent Black and Hispanic students and 10 or more minority students was considered a high minority school for these purposes and was given twice the selection probability of a low minority school of comparable size. This means that while about 40 percent of the student population (including over 95 percent of the Black and Hispanic students) were in high minority schools, about 60 percent of the sampled students were from these schools.

2.2 Stratification

Sampling was done separately for public and private schools. The grade 12 public sample had an implicit stratification, using a hierarchy of stratifiers and a serpentine sort. The top of the hierarchy was census division (9 implicit strata). The next stratifier in the hierarchy was type of location, which had 8 categories. Of the 72 potential type-of-location strata nested within census divisions, several were collapsed with neighboring type-of-location cells, always within census division, giving a total of 55 to 60 census division-location type strata.

These geographic strata were subdivided into 110 to 120 strata by a dichotomous high minority status category. Schools were in the high minority stratum if they had more than 10 minority eligible students and greater than 15 percent minority eligible students (minority defined as Black or Hispanic). Otherwise the school was put in a low minority stratum. If the expected sample size within these strata was less than 8.0, they were left as is. If the expected sample size was greater than 8.0, then the high or low minority stratum was subdivided into a maximum of four substrata (two for expected sample size up to 12.0, three for expected sample size up to 16.0, and four for expected sample size greater than 16.0). For the low minority strata, the subdivision was by state or groups of contiguous states. For the high minority strata, the subdivision was by minority percentage. In total there were between 160 and 180 implicit strata. Within these substrata, the schools were to be sorted by estimated grade enrollment using a serpentine sort within the school type substrata.

The private schools were explicitly stratified by type of private school (Catholic, Lutheran, Conservative Christian, other private). Within each school type, stratification was by census division (9 categories), type of location (8 categories), and by proportion of minority enrollment, used as a continuous sorting variable. The final number of strata was dependent on the proportion of minority

students (Black/Hispanic/Native American) among those schools within each cell defined by private school type, census division, and type of location. In general, where there were few or no schools in a given stratum, categories were collapsed together.

2.3 Selection of Substitute Schools

Though efforts were made to secure the participation of all schools selected, it was anticipated that not all schools would choose to participate. Therefore, as each school was selected in the sample, the two neighboring schools in the sampling frame (immediately preceding and following it) were designated as replacement schools. If an original school refused to participate, the first replacement was then contacted. If that school also refused to participate, the second school was then contacted. There were several constraints on the assignment of substitutes. One sampled school was not allowed to substitute for another, and a given school could not be assigned to substitute for more than one sampled school.

2.4 Assignment of Sessions and Sample Type to Schools for NAEP and Student Selection

The public school sample at grade 12 was assigned three session types: Operational Reading, Mathematics and Science reporting samples (RS); Mathematics, Civics, History, and Economics pilot tests (PT); and Science Bridge (SB). Most of the sample schools received RS and PT session assignments, with many also receiving SB. Some very small schools received only SB. Up to 144 students were selected within schools. For schools with more than 144 students, a systematic equal probability sample of 135 students was selected. If the school had 54 students or more, 22 percent of the students were assigned to an SB session, with 62 percent of students assigned to an RS session and 16 percent of students assigned to a PT session. If the school had 36 to 53 students, a third of the students were assigned to SB and the rest were split between RS and PT in a 4 to 1 ratio. If the school had 24 to 35 students, half of the students were given SB, 40 percent were assigned RS, and 10 percent were assigned PT. Schools with fewer than 24 students had all students assigned to SB.

For private schools, the assignment was similar. Up to 136 students were selected per school. For schools with more than 136 students, a systematic equal probability sample of 120 students was selected. For schools with 97 or more students, approximately 13 percent of students were assigned SB

and the remainder RS and PT. Students were allocated between the latter two sessions in a ratio of 9 to 1. If the school had 36 to 47 students, one-third of the students received SB and the remaining two-thirds received RS and PT. Schools with 24 to 35 students had half of the students assigned to SB and the other half to RS and PT. If the school had less than 24 students, all students took SB. In all cases, students were allocated between the RS and PT sessions in a 9 to 1 ratio.

2.5 Students Not Included in the Assessment

School staff members were asked to determine whether any of the students identified as having a disability or with limited English language proficiency could not participate in the assessment. They needed to determine if a student could not participate meaningfully, or if the accommodations required for the student to participate were not available. These students were not invited to the assessment and coded as “excluded” to distinguish them from absent students. Although school staff are encouraged to follow NAEP standards regarding which students should be excluded from testing, the final decision is made by school personnel.

From the schools selected in the HSTS school sample, approximately 3 percent of the students were excluded from the NAEP assessment. As the transcript study attempted to collect high school transcripts for all students selected for the assessment, whether or not they participated, transcripts for these students are included in the transcript study.

3. SAMPLING OF SCHOOLS AND GRADUATES FOR THE NAEP HSTS 2005

3.1 Overview of Sample Design for NAEP HSTS 2005 Sample

The sample for High School Transcript Study (HSTS) was designed to achieve a nationally representative sample of public and private school high school graduates in the Class of 2005. The target population for the 2005 national assessments included all graduates in public and private schools who were enrolled in 12th-grade in 2004-05, and who graduated in 2005. The samples were selected based on a two-stage sample design: selection of schools and selection of graduates within schools.

3.2 Sampling of Schools

For public schools, the HSTS sample was, in fact, the National Assessment of Educational Progress (NAEP) 2005 12th-grade public school sample for the operational math and science assessments.¹⁰ All participating NAEP 2005 12th-grade public schools were part of the initial HSTS sample regardless of whether they were original or substitute NAEP schools. If neither the original nor the substitute school selected participated in NAEP, the original school was included in the initial 12th-grade public school sample.

In NAEP 2005, private schools were heavily oversampled to meet explicit target sample sizes for reporting group (Catholic, Lutheran, Conservative Christian, Other Religious, Nonsectarian, and Independent) in order to provide reliable NAEP estimates for such students. In HSTS 2005, however, the oversampling of private schools was reversed so that the private school students in HSTS were represented in proportion to their prevalence in the general 12th-grade student population. Table 2 presents the subsampling rates and the calculations that generated those rates.

Probabilities of selection were determined for each school before the school sample was selected. The final probabilities of selection for the 2005 NAEP HSTS school sample were the products of the 2005 NAEP probabilities of school selection and the conditional probabilities of selection in the

¹⁰ Note that this excludes schools that were sampled for only pilot or bridge studies. Public schools with less than 24 students in 12th grade had a two-ninths chance of being assigned a bridge-only session, and private schools with less than 24 students in 12th grade had a one-eighth chance of being assigned a bridge-only session.

Table 2. School and student sample sizes for NAEP HSTS 2005 (from the NAEP 2005 12th-grade school sample), by school type: 2005

School type	NAEP 2005 12th-grade national student sample size	Percent of NAEP 2005 12th-grade national sample size	National estimated grade enrollment in 12th-grade	Percent of estimated grade enrollment in 12th-grade	Proportional student sample size (making sample size proportional to population)	Percent subsampling to obtain sample size proportional to population (f) _c	NAEP 2005 12th-grade national school sample size	NAEP HSTS 2005 school sample size
Total	24,500	100.0	3,325,080	100.0	21,454		1,323	1,024
Public	19,600	80.0	3,037,705	91.4	19,600	100.0	829	829
Catholic	2,450	10.0	143,205	4.3	924	37.7	79	30
Lutheran	245	1.0	5,583	0.2	36	14.7	14	2
Conservative Christian	735	3.0	36,085	1.1	233	31.7	132	42
Other private	1,470	6.0	102,502	3.1	661	45.0	244	110
Unknown	—	—	—	—	—	45.0	25	11

— Not available

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

HSTS sample. The subsampling process (using the designated subsampling rates) was a systematic sample within each private school stratum listed in Table 2. The ordering for this systematic sample was the frame ordering from the NAEP 2005 private school sampling process. Schools with unknown affiliation were sampled at the same rate as “other” private school types (45 percent).

3.3 Sampling of Students

For those HSTS sample schools that cooperated in the NAEP assessment, all graduates who were assessed in the operational mathematics and science assessments and also graduated in 2005 were included in the HSTS sample of graduates within the school. For HSTS sample schools that did not cooperate in the NAEP assessment but agreed to cooperate in HSTS, a subsample of 50 graduates was typically drawn from their 12th-graders who graduated in 2005.¹¹ If the list contained 50 or fewer graduates, all graduates were selected.

3.4 School Response Rates

Nonresponse is a serious concern in any probability sample, as differential response rates within important subgroups may generate biases that are difficult to measure and control through adjustment. NAEP HSTS 2005 had generally very high response rates, but there are two particular areas of concern. The first area of concern is private schools, where response was low. The second area of concern is the decision by one large state not to participate in HSTS (though it participated in the NAEP 2005 12th-grade reading and mathematics operational assessment). Tables 3 and 4 present response rates for the main HSTS study and for the NAEP-HSTS linked study respectively. The first set of response rates is for the HSTS study as a whole, counting as respondents those who participated in HSTS, regardless of their participation in NAEP. The second set of response rates is for the NAEP-HSTS link study, counting as respondents those schools that participated in both HSTS and NAEP, and where linkage of the NAEP assessment and the HSTS study transcript information is possible.¹²

¹¹ If there were between 50 and 60 graduates, the school had the option of including up to 60 graduates.

¹² See Appendix N for the nonresponse bias analysis done for HSTS 2005.

Table 3. Unweighted and weighted response rates for all eligible NAEP HSTS schools and school enrollments, by HSTS status: 2005

HSTS status	Unweighted number of schools selected	Unweighted percent of selected schools	Weighted number of schools selected	Weighted percent of selected schools	Weighted enrollment at selected schools	Weighted percent of enrollment at selected schools
Total	891	100.0	24,731	100.0	3,177,283	100.0
Respondent	726	81.5	19,120	77.3	2,675,008	84.2
Eligible nonrespondent	165	18.5	5,610	22.7	502,274	15.8

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 4. Unweighted and weighted response rates for schools and school enrollments eligible for NAEP HSTS and NAEP, by HSTS status: 2005

HSTS status	Unweighted number of schools selected	Unweighted percent of selected schools	Weighted number of schools selected	Weighted percent of selected schools	Weighted enrollment at selected schools	Weighted percent of enrollment at selected schools
Total	891	100.0	24,731	100.0	3,177,283	100.0
Respondent	677	76.0	17,699	71.6	2,525,904	79.5
Eligible nonrespondent	214	24.0	7,032	28.4	651,379	20.5

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

The first set of rates calculated within each table is based on sample counts; the second set of rates is weighted by the school base weight; and the third set of rates is weighted by school base weight multiplied by grade enrollment. The second set of rates shows estimates at the population level with each school counted as a unit. The third set of rates shows estimates at the population level with each school counted by its number of enrolled students. In calculating these rates, the 133 high schools that were ineligible for HSTS 2005 because they did not have any graduating students are excluded.

Tables 5 and 6 present aggregate school counts by school type by HSTS status for the unlinked and linked studies respectively. The unweighted counts are based on the number of eligible schools in the sample. The weighted school counts are weighted by the school base weights (i.e., the

Table 5. Unweighted and weighted response rates for all eligible NAEP HSTS schools and school enrollments, by school type and HSTS status: 2005

School type and HSTS status	Unweighted number of schools selected	Unweighted percent of selected schools	Weighted number of schools selected	Weighted percent of selected schools	Weighted enrollment at selected schools	Weighted percent of enrollment at selected schools
Total	891	100.0	24,731	100.0	3,177,283	100.0
Public						
Total	744	100.0	17,968	100.0	2,911,954	100.0
Respondent	643	86.4	15,712	87.4	2,510,485	86.2
Eligible nonrespondent	101	13.6	2,256	12.6	401,469	13.8
Private						
Total	147	100.0	6,763	100.0	265,328	100.0
Respondent	83	56.5	3,408	50.4	164,523	62.0
Eligible nonrespondent	64	43.5	3,355	49.6	100,805	38.0

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 6. Unweighted and weighted response rates for schools and school enrollments eligible for NAEP HSTS and NAEP, by school type and school status: 2005

School type and HSTS status	Unweighted number of schools selected	Unweighted percent of selected schools	Weighted number of schools selected	Weighted percent of selected schools	Weighted enrollment at selected schools	Weighted percent of enrollment at selected schools
Total	891	100.0	24,731	100.0	3,177,283	100.0
Public						
Total	744	100.0	17,968	100.0	2,911,954	100.0
Respondent	609	81.9	15,021	83.6	2,382,548	81.8
Eligible nonrespondent	135	18.1	2,948	16.4	529,406	18.2
Private						
Total	147	100.0	6,763	100.0	265,328	100.0
Respondent	68	46.3	2,679	39.6	143,355	54.0
Eligible nonrespondent	79	53.7	4,084	60.4	121,973	46.0

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

inverse of the probability of the school being selected into the sample). The weighted enrollment counts are weighted by the product of the school base weight and the 12th-grade enrollment of the school.

Nonresponse in public schools was concentrated in two census divisions—the Northeast Division and the West Division, with the Northeast suffering much more extensive nonresponse—as can be seen in table 7. It was necessary to determine whether the nonresponse adjustments were sufficient. A nonresponse bias analysis was conducted to review the impact of all nonresponse in the study and to determine whether the nonresponse adjustments were sufficient. The conclusion was that the estimates for the national figures were within acceptable bounds, but that the estimates for the Northeast region were not (see appendix N).

Table 7. Weighted HSTS response and eligibility rates for all sampled public schools, by census division: 2005

Public schools	Weighted enrollment estimate	Weighted eligibility rate	Weighted response rate
Total	3,077,044	94.6	86.2
Census division			
New England	153,577	93.2	100.0
Northeast	387,247	95.6	55.5
East North Central	511,266	94.7	87.6
West North Central	247,194	83.2	93.2
South Atlantic	507,108	97.7	95.6
East South Central	160,609	97.8	95.6
West South Central	369,881	96.7	94.4
Mountain	218,704	97.0	98.4
West	521,460	93.2	77.3

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Response rates for private schools eligible for HSTS were generally much lower than those for public school (62 for eligible private schools vs. around 86 for eligible public schools) as can be seen in tables 7 and 9.

Table 8. Weighted HSTS response and eligibility rates for sampled private schools for NAEP HSTS and NAEP, by school type: 2005

Private school type	Total weighted sample	Weighted percent eligible	Weighted response rate (percent)
Total private	314,297	84.4	54.0
Unknown affiliation	31,235	22.0	#
Roman Catholic	139,530	98.2	64.0
Lutheran	4,876	100.0	100.0
Other private	58,815	78.9	41.9
Other religious private	48,892	86.3	37.0
Conservative Christian	30,949	90.3	56.4

Rounds to zero

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 9. Weighted HSTS response and eligibility rates for all sampled HSTS private schools, by school type: 2005

Private school type	Total weighted sample	Weighted percent eligible	Weighted response rate (percent)
Total private	314,297	84.4	62.0
Unknown affiliation	31,235	22.0	#
Roman Catholic	139,530	98.2	70.4
Lutheran	4,876	100.0	100.0
Other private	58,815	78.9	51.6
Other religious private	48,892	86.3	45.7
Conservative Christian	30,949	90.3	71.4

Rounds to zero

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

3.5 Response Rate for Graduates

For the HSTS main study, a graduate was nonresponding only if the selected graduate was eligible for the transcript study and no usable transcript was available for the graduate. For graduates in schools that participated in NAEP, graduates were considered to be selected for HSTS if they had been selected for NAEP even if they did not participate in NAEP. For schools that did not participate in NAEP, graduates were selected systematically when field personnel visited the schools. A student selected for

HSTS was only eligible for the study if he or she graduated in 2005. Tables 10 and 11 present the breakout of the graduate sample according to graduate eligibility, and a breakout of the eligible graduates by whether or not they were in a school that also participated in NAEP.

Table 10. Student samples in HSTS participating schools, by graduation status: 2005

Graduation status	Number of students in sample
Total in sample	29,868
Graduated	27,150
Did not graduate	2,718

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 11. Graduates from HSTS participating schools, by whether the school participated in NAEP: 2005

NAEP school status	Number of students in sample
Eligible students in sample	27,150
In school participating in NAEP	25,233
In school not participating in NAEP	1,917

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 12 presents a breakout of the main study students by eligibility and response status. A student was generally eligible if he or she had graduated, and ineligible if graduation had not been achieved in 2005. A transcript was only usable if at least 75 percent of the credits necessary for graduation were represented on the transcript. A small number of transcripts for eligible students were not usable and were coded out as nonresponse. The overall weighted response rate was 99.7 percent.

Table 13 presents a breakout of HSTS eligibility separately by public and private schools. The percentage of transcripts that were incomplete was about the same in public and private schools, but the ineligibility rate (the percentage who had not graduated) was much higher in public schools.

Table 12. Unweighted and weighted student counts, and student within school response rate, for NAEP HSTS participating schools, by HSTS transcript status: 2005

HSTS transcript status	Unweighted number of students	Unweighted percent of students	Weighted number of students	Weighted percent of students	Student within school response rate
Total	29,868	100.0	2,973,436	100.0	†
Eligible with complete transcript	27,051	90.6	2,723,399	91.6	99.7
Eligible, transcript not complete	99	0.3	9,415	0.3	†
Ineligible	2,718	9.1	240,622	8.1	†

† Not applicable.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 13. Unweighted and weighted student counts, and student within-school response rate, for NAEP HSTS participating schools, by school type and HSTS transcript status: 2005

School type and HSTS status	Unweighted number of students	Unweighted percent of students	Weighted number of students	Weighted percent of students	Student within school response rate
Public					
Total public	27,919	100.0	2,748,422	100.0	†
Eligible with complete transcript	25,166	90.1	2,504,649	91.1	99.7
Eligible, transcript not complete	91	0.3	8,568	0.3	†
Ineligible	2,662	9.5	235,205	8.6	†
Private					
Total private	1,949	100.0	225,013	100.0	†
Eligible with complete transcript	1,885	96.7	218,750	97.2	99.6
Eligible, transcript not complete	8	0.4	847	0.4	†
Ineligible	56	2.9	5,417	2.4	†

† Not applicable.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

For the NAEP-HSTS link study, a graduate had to also participate in a NAEP assessment for the graduate's transcript to be part of the link study (as information from both the transcript and the NAEP assessment is required). Table 14 presents the numbers of sampled graduates in NAEP link schools who were assigned to a mathematics assessment and who were assigned to a science assessment.

Table 14. Student sample in schools participating in NAEP, by NAEP assessment assignment: 2005

NAEP assignment	Unweighted number of students
Total	27,778
Assigned to mathematics	11,353
Assigned to science	16,425

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 15 presents the relationship between HSTS transcript status and HSTS/NAEP link transcript/assessment status. Among HSTS graduating students with complete transcripts, they linked to an assessment in 69 percent of the cases. In 3 percent of the cases, the student was deemed not eligible to take the NAEP assessment due to a disability or limited English proficiency. In 28 percent of the cases, the student did not take the NAEP assessment (usually a refusal or absence). Some transcripts that were incomplete, making them nonresponsive for the HSTS main study, correspond to students deemed ineligible to take the NAEP assessment. For the link study, these will be counted as ineligible.

Table 15. Unweighted NAEP HSTS student sample, by transcript status and school status: 2005

Transcript status and school status	Unweighted number of students	Unweighted percent of students
Total	27,778	100.0
HSTS eligible with complete transcript	25,135	90.5
NAEP/HSTS respondent	17,416	69.3
NAEP/HSTS nonrespondent	7,061	28.1
NAEP/HSTS ineligible	658	2.6
HSTS eligible, transcript not complete	98	0.4
NAEP/HSTS respondent	0	#
NAEP/HSTS nonrespondent	90	91.8
NAEP/HSTS ineligible	8	8.2
HSTS ineligible	2,545	9.2
NAEP/HSTS respondent	0	#
NAEP/HSTS nonrespondent	0	#
NAEP/HSTS ineligible	2,545	100.0

Rounds to zero

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 16 provides a breakdown of the NAEP-linked school student sample by their NAEP transcript status, both unweighted and weighted (with weights defined using the linked student base weights). Table 17 provides the same breakdown by school type.

Table 16. Unweighted and weighted student sample, and student within-school response rate, for schools participating in both NAEP HSTS and NAEP, by transcript status: 2005

Transcript status	Unweighted number of students	Unweighted percent of students	Weighted number of students	Weighted percent of students	Student within school response rate (percent)
Total	27,778	100.0	2,956,139	100.0	†
Assessed and complete transcript	17,416	62.7	1,889,320	63.9	71.2
Incomplete transcript, or no assessment	7,151	25.7	763,828	25.8	†
Ineligible (for NAEP, or nongraduate)	3,211	11.6	302,991	10.2	†

† Not applicable.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 17. Unweighted and weighted student sample and student within-school response rate, for schools participating in both NAEP HSTS and NAEP, by school type and transcript status: 2005

School type and transcript status	Unweighted number of students	Unweighted percent of students	Weighted number of students	Weighted percent of students	Student within school response rate (percent)
Public					
Total public	25,829	100.0	2,692,192	100.0	†
Assessed and complete transcript	15,843	61.3	1,674,178	62.2	69.9
Incomplete transcript, or no assessment	6,835	26.5	721,910	26.8	†
Ineligible (for NAEP, or nongraduate)	3,151	12.2	296,105	11.0	†
Private					
Total private	1,949	100.0	263,948	100.0	†
Assessed and complete transcript	1,573	80.7	215,143	81.5	83.7
Incomplete transcript, or no assessment	316	16.2	41,918	15.9	†
Ineligible (for NAEP, or nongraduate)	60	3.1	6,887	2.6	†

† Not applicable.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Tables 18 and 19 summarize the results for the unlinked and linked studies respectively, presenting the school, student-within-school, and overall student-level response rates.

Table 18. Unlinked study combined response rates, by school type: 2005

Unlinked study response rates	School type		
	Public (percent)	Private (percent)	Total (percent)
Weighted school level	86.2	62.0	84.2
Weighted student within school	99.7	99.6	99.7
Combined response	85.9	61.8	83.9

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table 19. Linked study combined response rates, by school type: 2005

Linked study response rates	School type		
	Public (percent)	Private (percent)	Total (percent)
Weighted school level	81.8	54.0	79.5
Weighted student within school	69.9	83.7	71.2
Combined response	57.2	45.2	56.6

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

4. DATA COLLECTION PROCEDURES

This chapter discusses the procedures used in the data collection for the 2005 High School Transcript Study (HSTS 2005). Included are sections on training field workers, contacting the schools, obtaining course catalogs and other school materials, collecting graduate transcripts, sending the data for processing, and receipting and reviewing the data.

4.1 Training NAEP 2005 Field Supervisors as Data Collectors

The field workers for HSTS 2005 were drawn from the pool of 2005 National Assessment of Educational Progress (NAEP 2005) field supervisors. In December 2004, they were trained in the HSTS 2005 data collection procedures. Conducted by HSTS home office staff, the training consisted of several in-person training sessions, each completed in about half a day. In addition, field workers received an HSTS manual that outlined detailed procedures for collecting the data.

The training sessions established the background knowledge needed to help field workers make informed decisions about collecting information in the schools and to explain why attention to detail and accuracy would be crucial in ensuring the quality of HSTS 2005 data. The training also familiarized field workers with the HSTS 2005 materials and forms. The field workers were given examples of various types of high school records and materials, including school- and district-level catalogs, course lists, transcripts, and all the forms used for HSTS 2005. The field workers learned how the data on each of these materials became the information needed at the school and graduate levels. A PowerPoint presentation with the details of data collection was included in the training sessions.

Also during the trainings, the field workers were provided an opportunity to work with practice forms similar to actual materials used for HSTS 2005. The field workers completed sets of exercises designed to provide them with hands-on experience in examining school materials and filling out the forms that they would use.

4.2 Contacts with States, Districts, and Schools

State coordinators in each state were informed about HSTS and were responsible for telling the public school districts in their states about the study. The home office provided them with a Summary of School Activities (see appendix F). The summary provided information about participating in HSTS 2005, including the amount and nature of school staff and time required for participation and procedures that would be used to ensure confidentiality of the data.

Westat field workers contacted school personnel at the school level. Field workers followed the same procedures for contacts with both public and private school personnel. Workers were provided with an informational letter to principals and a Summary of School Activities. They gave these materials to the school principals and school coordinators during their initial contact with the schools.

Initial HSTS information requested by field workers from schools included school specific information that school personnel were asked to provide on the School Information Form (SIF). They were also asked to provide their school's course catalogs for the four most recent school years, including 2004-05, and sample transcripts. This initial information was collected by field workers either through the mail or in person at the time of their first visit. At a later date, the schools were also asked to provide a complete transcript for each graduate in the HSTS 2005 sample. Information provided on the SIF indicated the appropriate date for the HSTS 2005 field workers to obtain these transcripts.

For eligible participating NAEP schools that agreed to cooperate, students sampled for the mathematics and science operational portion of NAEP 2005 were included in the HSTS 2005 sample, and a brightly colored Disclosure Notice was placed in their folder by a NAEP 2005 field worker or school staff member. This notice served two functions:

- It alerted the school personnel that information contained in the student's folder would be used for HSTS 2005.
- Because of its color, it also served as a visible marker for identifying the folders of students in the HSTS 2005 sample to facilitate finding their transcripts at a later date.

Notification describing the student sampling process and the confidentiality safeguards were sent to schools that participated in NAEP (including schools that were substitutes for the original school selected for NAEP) and to schools that were substitutes for schools that participated in NAEP but refused participation in HSTS. Specifically, the notification stated that the intent was to select fifty 12th-grade

students from the school, and student names would be removed from any papers that left the school. Field workers also emphasized that a school's participation in HSTS 2005 would not involve any student time.

For both NAEP 2005 participating and nonparticipating schools (whether original or substitute schools), the initial contact by the field worker included a discussion of the following:

- procedures for obtaining transcripts for the selected students and the method for reimbursing the school for the expense; and
- the availability of a course catalog or course description list.

An appointment was then set to visit the school to prepare the transcript requests and obtain the course catalogs.

4.3 Obtaining Course Catalogs, Sample Transcripts, and Other School-level Information

Prior to HSTS field data collection, Westat contacted schools and requested that they send copies of their catalogs to Westat. This permitted Westat to start catalog coding prior to field data collection.

Field workers requested sample materials for HSTS 2005 when they first contacted a school for HSTS and collected any materials not previously mailed to Westat when they visited the school in the spring or summer. The sample materials included a course catalog (or a list of courses) offered for each of four consecutive years, from school year 2001-02 through school year 2004-05; a completed SIF; and three sample transcripts, one representing a student taking "regular" courses, one with honors courses, and one with special education courses. Since these materials were unique to each school, acquiring them before the collection of the actual transcripts enabled HSTS 2005 staff to examine them and call a field worker or the school to resolve any questions early in the process. Early collection of the catalogs also permitted inputting catalog information prior to receipt of the transcripts, thereby enabling coding to end as soon as possible after data collection.

The field worker also gathered general information about class periods, course credits, graduation requirements, and other aspects of school policy. Sometimes this information was documented in the course catalog and at other times in a separate school policy document.

4.3.1 Catalogs

Course catalogs were carefully reviewed at the school. Field workers verified that the catalogs contained all of the courses that 12th-graders could have taken in high school, including vocational, remedial, honors, special education, off-campus courses, or courses taught in a language other than English. If these course listings were not in the catalog, every effort was made to obtain additional information from school personnel or, in some cases, through web searches to document the existence of such courses and to describe them.

HSTS requested course catalogs containing the most comprehensive information about the courses offered by the schools. Ordered from most to least complete, the requested types of catalogs are as follows:

- a school-level catalog providing course titles and descriptions;
- a district-level catalog, if it indicated which courses were offered at the HSTS participating school;
- a course list by department that included general descriptions of course offerings by department;
- a school-level course list without descriptions; or
- a district-level catalog without any indication of which courses were offered in specific schools.

All catalogs and course lists that were received by field workers were forwarded to HSTS 2005 data processing staff.

4.3.2 Sample Transcripts

Since transcript format varies greatly among school districts throughout the country, three transcripts of previous graduates were obtained from each school by the NAEP field workers during the initial call or visit to the school. The three transcripts requested from each school included one that contained honors-level courses, one that contained special education courses, and one that contained just the “regular” courses. The HSTS field workers marked each transcript to indicate where on the transcript the needed information was found and how information regarding course level was coded. Attached to

each marked-up transcript was a Transcript Format Checklist (appendix H) indicating the key transcript information and whether or not that information was found or, if so, whether it was marked on the school's transcripts.

4.3.3 SIF and HSTS Questionnaire

The SIF was forwarded for data processing along with the other preliminary materials as described above. The SIF was completed by the field worker. Along with general school information, the completed SIF contained the following information:

- sources of information within the school (if needed to complete HSTS 2005 data collection);
- graduation requirements;
- grading practices at the school;
- format of the school's transcripts; and
- name and position of the school's HSTS 2005 coordinator who helped complete the form.

The field workers were instructed to fill out the SIF completely or to indicate clearly on the SIF where the requested information could be found in the other materials provided by the school.

4.3.4 School Background Questionnaire

The School Background Questionnaire (see appendix K) is a NAEP 2005 questionnaire that collected information about school, teacher, and home factors that might relate to student achievement. It was completed by a school official (usually the principal) as part of NAEP 2005 for the NAEP participating schools. Field workers asked HSTS schools that did not participate in NAEP 2005 to complete a School Questionnaire.

4.3.5 SD and LEP Questionnaires

The questionnaires that NAEP 2005 used to collect information from school staff about students with disabilities and students with limited English proficiency are called the SD Questionnaire and LEP Questionnaire, respectively (see appendices L and M). Schools were asked to have the person most knowledgeable about a disabled or limited English proficient student complete the questionnaire(s). In large schools, this person was typically a counselor, a special education teacher, or a teacher of English as a second language. In smaller schools, this person was typically a classroom teacher. For schools participating in NAEP 2005, the SD and LEP Questionnaires were collected as part of the NAEP procedures.

4.4 Identifying the Sample of Students and Obtaining Transcripts

There were 726 schools that participated in HSTS, and 677 of these schools participated in NAEP 2005 and HSTS. Of these 677 schools, 44 were substitute schools.

HSTS 2005 used the NAEP 2005 sample for selecting schools and students in NAEP participating schools. For schools that participated in NAEP 2005, the student sample was recorded on the NAEP 2005 Administration Schedules. For schools that did not participate in NAEP 2005, the field worker drew a sample of graduates at the school. Details on how this sample was drawn can be found in section 3.2 and 3.3. The procedures for identifying graduates in schools with NAEP 2005 materials and in schools without NAEP 2005 materials are described in detail in separate sections that follow.

4.4.1 Materials from NAEP 2005 Schools

Transcripts were requested for all students who were sampled for the operational mathematics and science part of NAEP 2005. They included all assessed students, sampled students who were absent during the NAEP assessment, and SD and/or LEP students who were excluded by the school from participating in the assessment.

Once graduation information was posted on transcripts, a field worker returned to the school to obtain the requested transcripts. At that time, the field worker used a Transcript Request Form (TRF)

(see appendix C) to obtain basic information about the sampled students that was not available from NAEP 2005 data files. In addition to student name and NAEP ID, it contained columns for entering graduation status, gender, birth month and year, race/ethnicity, SD status, LEP status, Title 1 participation, and National School Lunch Program participation for each listed student. Data available from NAEP 2005 files (NAEP ID and demographic variables) were preprinted on the form.¹³ The completed TRFs contained the following information:

- **Student Name** – The field worker recorded the first name, middle initial, and last name of each assessed, absent, or excluded student listed on the NAEP 2005 Administration Schedule. These entries were made to correspond to the preprinted NAEP ID.
- **NAEP ID** – The 10-digit NAEP 2005 assessment booklet numbers and SD and LEP questionnaire numbers for students excluded from the assessment were preprinted in ID order. This column on the TRF identified all students for whom transcripts were needed.
- **Exit Status** – Sometimes the exit status was determined directly from the transcripts, and sometimes it was determined by other records or provided by school personnel. Using this information, field workers assigned one of the following codes to describe each student’s outcome at the school:
 - graduated with a standard diploma
 - graduated with an honors diploma
 - received a diploma with special education adjustments
 - received a certificate of attendance
 - still enrolled in this school
 - dropped out
 - transferred
 - withdrawn
 - GED
 - other or reason unknown

¹³ To ensure consistency between NAEP 2005 and HSTS 2005, the field staff were instructed not to change the preprinted demographic information.

- **Birthdate, Gender, and Race/Ethnicity** – Demographic information was generally preprinted for each sampled student. If not preprinted, it was recorded from the NAEP 2005 Administration Schedule.
- **SD and LEP Status** – For each student, it was recorded whether or not the student was classified by the school as SD and/or LEP.
- **National School Lunch Program and Title I** – Field workers recorded yes or no for participation in each of these programs.
- **Transcript Received** – Field workers checked this column to document that the transcript for a given student had been received.

Once the TRF was completed by carefully transferring student information from the Administration Schedules, the field worker filled out the summary box at the top of the form and requested transcripts according to the procedures set forth by the school. As already noted, the Disclosure Notice placed in students' folders at the time of the first visit helped to facilitate transcript collection in participating NAEP schools.

Once the field worker filled in the names of the students, some schools were able to access an electronic data file and print the transcripts. In other schools, the school coordinators pulled transcripts from their folders and photocopied them at the school.

When the request for transcripts was filled, the field worker reviewed the transcripts to ensure that a transcript had been received for each 12th-grade student selected for the operational mathematics or science portion of the NAEP 2005 assessment, whether or not that student had graduated. Even though nongraduate transcripts were not included in HSTS, each student graduation status needed to be accounted for and verified, so that weighting could be done correctly. Each transcript was checked for eligibility, understandability (e.g., all the codes on it were defined on the transcript or explained in the SIF), and completeness. The field worker then labeled each transcript with preprinted labels containing the School ID and the NAEP ID for the student. The field worker completed a Documentation of Missing Transcripts form to explain the reasons the school gave for any missing transcripts.

4.4.2 Schools without NAEP 2005 Materials

The procedures for schools that did not participate in NAEP were similar to those for schools that participated with the following exceptions:

- As discussed in chapter 3, field staff were responsible for selecting a systematic sample of graduates, since there were no students designated to receive operational mathematics or science assessments.
- Demographic information on the TRF had to be obtained for the sampled graduates.
- The school was asked to complete the NAEP 2005 school questionnaire and an SD or LEP questionnaire for any of the graduates sampled who were classified as SD or LEP.
- Data collection for non-NAEP schools started later than for the NAEP schools. Therefore, catalogs were frequently collected at the same time as the transcripts. In this case, the field worker annotated three actual transcripts from among those that were collected.

4.5 Sending Data for Processing

As with NAEP 2005, safeguards were built into the procedures for the transcript study to ensure that applicable privacy requirements were met. After transcripts were collected and all information on sampled graduates recorded, field workers prepared the transcripts for transmittal to the data processing staff. They first compared the graduate ID and name on the transcripts to the TRF to verify that they had obtained and correctly labeled the transcripts. At the same time, they noted on the TRF which transcripts were received and which were not. They then cut off the left hand column of the TRF, which contained the names of the graduates. The list of names remained in the schools (and was ultimately destroyed) and the remainder of the TRF was placed in the package to send to the HSTS 2005 field officer for data processing.

A Shipping Transmittal Form (appendix J) accompanied all shipments to the data processing staff and summarized the types and number of materials being sent. This form also gave information on whether the transcripts were from the NAEP 2005 list or a new sample and, if the school did not participate in NAEP 2005, whether course catalogs and a SIF were included in the shipment.

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5. DATA PROCESSING PROCEDURES

As discussed in chapter 4, schools provided a wide variety of data for use in the 2005 High School Transcript Study (HSTS 2005). This chapter explains how these data were processed to produce the study's data files. Figure 1 depicts the data flow for the project.

5.1 NAEP 2005 Questionnaires

The main National Assessment of Educational Progress (NAEP) study provided HSTS staff with data files for schools and students included in NAEP 2005. The School Questionnaires and the Students with Disabilities (SD) and Limited English Proficiency (LEP) Questionnaires¹⁴ collected in HSTS 2005 for non-NAEP schools were the same as the ones used in NAEP 2005. These questionnaires were electronically scanned, using the same procedures used in NAEP. Information from these scanned questionnaires was added to the appropriate NAEP data files to constitute HSTS 2005.

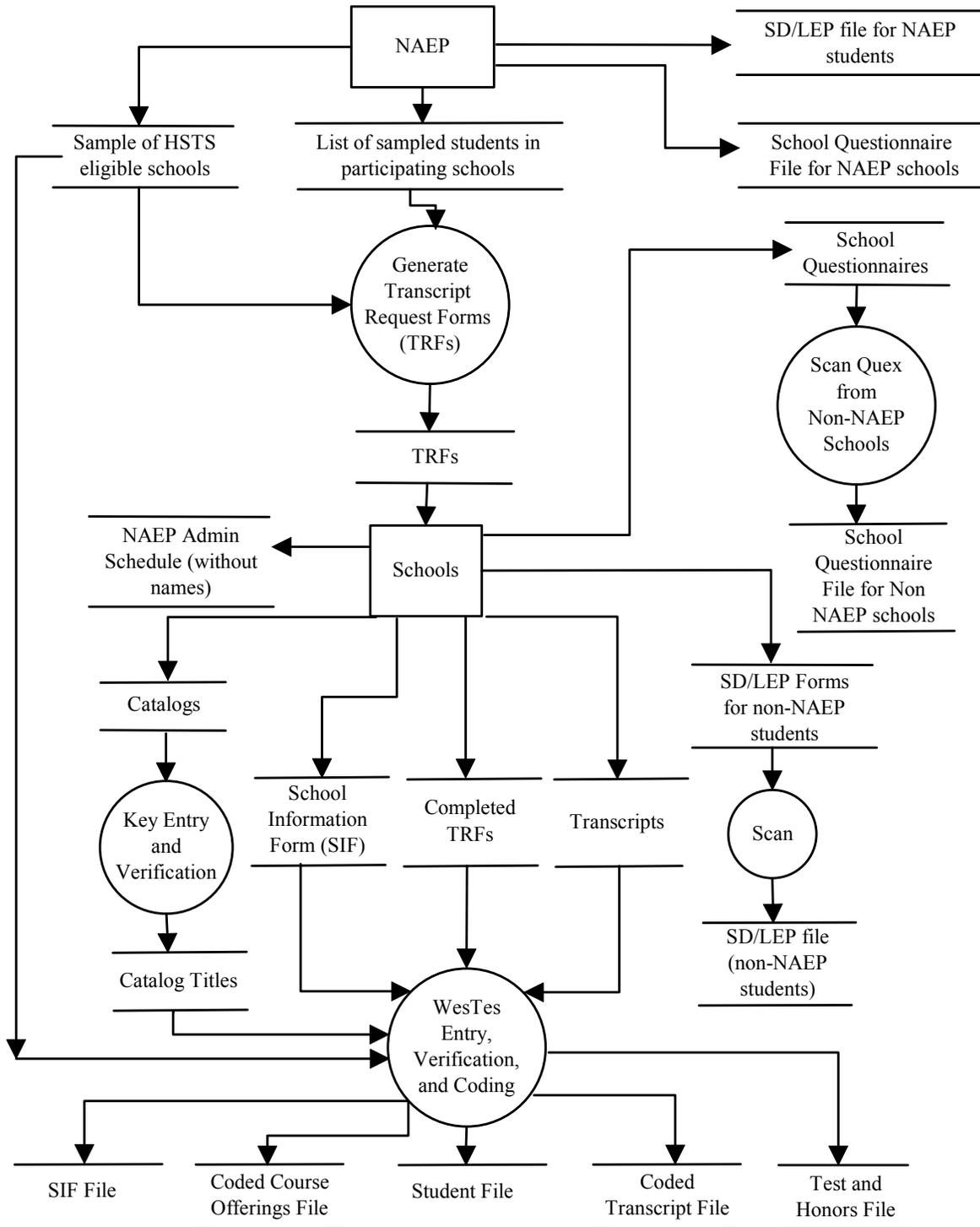
5.2 Data Collected Other Than NAEP 2005 Questionnaires

5.2.1 Westat Transcript Entry System (WesTes)

WesTes is a custom-built Structured Query Language (SQL) server application specifically designed for processing large-scale transcript-based studies in an accurate and efficient manner. It stores most of the school and graduate information collected for the study in a single integrated relational database. It is used to ensure that the data collected by HSTS is properly tracked and to assist the data entry and coding personnel in the prompt and accurate completion of their tasks.

¹⁴ See section 1.3 for a description of these questionnaires and appendices K, L, and M for copies of them.

Figure 1. Data flow for the High School Transcript Study 2005



NOTE: NAEP = National Assessment of Educational Progress; SD = Students with Disabilities; LEP = Limited English Proficiency; Quex = Questionnaires; WesTes= Westat Transcript Entry System

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, High School Transcript Study (HSTS), 2005.

5.2.2 Receipt Control

This section discusses the receipt control tasks associated with HSTS 2005. These include using controls built into WesTes and entering School Information Forms (SIFs), catalogs, other non-transcript data and transcripts.

5.2.2.1 Preparation of WesTes for Receipt Control

The NAEP samples of schools and students selected for the HSTS 2005 sample were loaded into WesTes. When a school refused participation and a substitute school was identified during data collection, the substitute school was added to WesTes and the original school was deleted. The list of schools was used to ensure that data could be entered into the system only for schools sampled for the NAEP HSTS 2005 sample or designated substitute schools. After a valid school ID had been entered by a staff member, the system allowed staff to enter data only for graduates in the sample for that school.

5.2.2.2 SIFs, Course Catalogs, and Other Nontranscript Data

When the packages containing the SIF and catalogs were received at Westat, receipt clerks selected the school ID in WesTes and entered the receipt date for each of these materials. Receipt clerks were also responsible for entering the data from the SIF (see appendix B) into WesTes. These data included substantial amounts of information needed to correctly interpret catalog and transcript entries. Of particular importance is the information on the number of credits given by the school for one Carnegie unit and the number of credits required to graduate. These data were 100 percent verified.

5.2.2.3 Transcripts

When transcript study materials arrived for data processing, a receipt clerk carefully reviewed all items for accuracy and completeness. Transcripts were matched to the Transcript Request Form (TRF). Field workers were contacted immediately if further clarification was needed.

After reviewing the transcript materials, the clerk recorded the transcript materials and followup requests (when required) using the WesTes transcript receipt module. For each school, the clerk compared the number of transcripts requested with the number actually received and reviewed and verified the list of all student IDs assigned to that school. The clerk entered the receipt date for the package and whether or not it contained a TRF. For each student ID in the school, the receipt clerk indicated whether or not it had been received, the receipt date, and the exit status as indicated on the TRF. The receipt staff could update the exit status of students based upon determinations from the coding and transcript management staff if the transcript was found to be not usable or incomplete. Schools were reimbursed for the cost of producing the transcripts within 2 weeks after their materials were received for data processing.

5.2.3 Catalog Coding

This section describes the process of coding catalogs.

Catalog coding staff highlighted the course titles and course numbers, if available, in the catalogs and sent them for key entry. Data entry personnel keyed the catalog titles and, when available, course numbers assigned by the school into ASCII files and key verified the data. The files containing the course titles were then uploaded into WesTes.

After the course titles were loaded into WesTes, a catalog coder reviewed all the materials from a school to obtain an understanding of the school's curriculum and any special circumstances that would clarify the nature of the content of specific courses. Using the WesTes Catalog Coding Screen, the catalog coder displayed each catalog title individually, reviewed the corresponding entry in the school's catalog and then entered the CSSC code that best matched that description.¹⁵

The catalog coder also set flags to indicate whether the course was a special education course, whether the course was part of a sequence of closely related courses, taught off campus, taught in English, and the level of the course.¹⁶

¹⁵ See section 1.4 for additional information about the CSSC.

¹⁶ See appendix O for information on these code values.

When coding a course, catalog coders matched the course description in the high school's catalog to the course description in the CSSC.¹⁷ Using course descriptions rather than titles for purposes of assigning CSSC codes to catalog courses is important because the course title often does not provide sufficient information to differentiate between codes. For example, a course with a name such as Algebra 1 could be a remedial course, a reduced-pace algebra course, a first semester algebra course, or the first year of a series of algebra courses. To facilitate the matching process, the full CSSC was available online to the catalog coders. If a transcript course cannot be found in the course catalog from that school, the course is added to the course offerings file. This typically occurs when course catalogs are not up to date or complete.

5.2.4 Coding Transcripts

Transcripts may contain a variety of information in addition to lists of courses taken and the grades and credits earned for each course. Many include information such as graduation date and class rank, for which only one entry is made per graduate, as well as the names of tests taken by the graduate, test scores, and honors awarded. This section describes the coding process for these additional items as well as for the course information.

5.2.4.1 Single-entry Items

The following single-entry items were recorded for each graduate when they were available on the transcript:

- graduation date;
- class rank;
- size of class;
- grade point average (GPA);
- adjusted GPA (as reported by the school);
- days absent in 9th grade;

¹⁷ See appendix O for information on these code values.

- days absent in 10th grade;
- days absent in 11th grade;
- days absent in 12th grade;
- total credits received;
- total credits attempted;
- whether the graduate received a General Equivalency Diploma (GED); and
- date of GED completion.

5.2.4.2 Honors

If a transcript listed honors, the date (month and year) and a description of the honor were entered. In order to speed data entry, the following common descriptions were included on a drop-down list:

- national honors;
- athletic honors;
- academic honors;
- honor roll; and
- other.

When “other” was selected, the data entry clerk typed in the name of the award. Many of these referred to specific subject matter such as English, algebra, or chemistry and had names like English 9 Award. Others were not subject-matter specific, for example, the Golden State Seal Merit Diploma.

5.2.4.3 Tests

Tests were recorded in much the same way as honors. A pick list was provided containing the names of the most common tests that appear on transcripts.¹⁸ Test scores were recorded when available.

5.2.4.4 Course Entry

Transcript courses required the most extensive portion of the data entry effort. This effort was because the graduates' transcripts, on average, included 46 distinct course entries. For each course, the transcript entry staff recorded the grade level (9th, 10th, 11th, or 12th), the year in which the course was taken, the term (e.g., fall semester, summer school), the course name, the grade, and the number of credits earned. The transcript entry staff also set a flag to indicate whether or not a course was transferred from another school. In addition, since information on whether a course was a special education course, was taught off campus, was taught as English as a second language course or in a foreign language, and the level of the course is recorded on some transcripts, the transcript entry staff set flags representing each type of information. These flags had the same possible values as the corresponding flags used to code courses listed in the schools' catalogs.

5.2.4.5 Assigning CSSC Codes through Title Matching

One of the most challenging aspects of the transcript coding process is linking the course titles on the transcripts to the appropriate catalog course title in order to assign each transcript course an appropriate CSSC code. This was done through a process known as title matching, which was performed by coders who were trained for title matching after the preceding transcript information had been entered for all graduates from a school. To the greatest extent possible, title matchers worked with the same high school catalogs that they coded in the spring. This permitted them to capitalize on their knowledge of state education systems, graduation requirements, and acronyms.

¹⁸ The test names on the pick list included ACT Composite, English, Mathematics, Reading, and Science; PLAN Composite; PSAT Writing; SAT Math and Verbal; and Stanford Language, Mathematics, Science, Social Science, and Total Reading.

Because course titles on transcripts are frequently different from the course titles a school uses in its catalog, it is usually not practical to fully automate the title matching process. In addition, even when it is possible to automate title matches, a review by knowledgeable staff of the resulting matches is an important quality control check. For these reasons, title matching was performed by experienced catalog coders using computer-assisted matching tools built into WesTes.

WesTes presented the title matcher with a list of all the unique title and flag combinations appearing on a school's transcript and a list of the coded catalog titles for the school. The title matcher's task was to match each of the titles from the transcripts to a catalog course. Title matchers matched nontransfer course titles on transcripts to the high school's catalog. They matched transfer courses directly to the most likely CSSC course description found in the generic catalog. The generic catalog was the most current version of the CSSC file.

They matched transfer courses directly to the most likely CSSC course description. In this case, the CSSC was used like a course catalog.

Title matchers used all of the title and flag information that was comparable in both the catalogs and the transcripts for a school. For example, if the school distinguished between a regular English 9 course and an honors English 9 course in the catalog and on its transcripts, title matchers would ensure that a transcript course named English 9 with the level flag set to the honors code would be matched with the catalog course English 9 Honors (CSSC code 230111) and not with the average or remedial English 9 courses in the catalog. However, if the catalog did not distinguish between the different levels of English 9 but the transcripts did, the catalog coders would match all the English 9 courses on the transcripts to the catalog English 9 course, even though the catalog had the flag set to the default regular level. Often courses in the catalog represent classes in which the student ability is mixed. The flag for the course in the catalog is set at the lowest level, thus a class that offers honors or even AP within a regular class is given a flag for general level. If the transcript indicates that a particular student received credit at a level that differs from the general catalog level, the transcript flag for that student is set at the appropriate level. When these data are analyzed, the level assigned to the student for the course is based upon the transcript if it is different than the level flag found in the course catalog.

5.2.5 Quality Control Procedures

Procedures designed to ensure a high quality data processing operation include the careful hiring and training of HSTS staff, rekeying data for verification purposes, automated tests to identify records for review, and the use of logs to identify and rectify problems. Each of these quality assurance measures is discussed in a separate section below.

5.2.5.1 Hiring and Training

Central to quality control is having thoroughly trained, well-qualified staff. Westat, therefore, spent considerable effort on selecting and training data processing staff. Two distinct groups of staff members were recruited and trained for HSTS 2005: catalog coders and data entry staff. Catalog coders matched the course descriptions in each school's catalog to the corresponding code in the CSSC, and a subgroup of them also matched the course titles on the transcripts to the corresponding titles in the school's catalog. Data entry staff entered the transcript information into the project database.¹⁹

Transcript Data Entry Staff

Transcript data entry staff members were selected for their ability to enter data accurately and consistently. They were then provided with extensive training that explained the study and taught them how to enter data from high school transcripts.

The transcript entry training spanned 5 days, with new concepts introduced in the morning and practical application exercises performed in the afternoon. The primary function of the training was instructing the staff in the use of WesTes for entering data found on transcripts with an emphasis on hands-on practical experience. The secondary function of the training was covering the basic concepts and challenges the staff would encounter while entering high school transcripts.

¹⁹ In addition to staff described here, other Westat data entry clerks did some straightforward data inputting tasks, such as typing the names of course titles.

Catalog Coders

Requirements for employment as a catalog coder included a minimum of a bachelor's degree in a social science, with a master's degree preferred, and 2 or more years of teaching experience. The interview process paid special attention to experience in teaching a variety of core content areas as well as special education, knowledge of school curricula and procedures, attention to detail, application of analytical skills, and dedication to accuracy.

Training lasted for 5 days. It was guided by a training manual covering the following topics: high school catalog components; state requirements for graduation; special education programs; course levels and flags; transfer courses; honors and advanced placement programs; and vocational, work, and career-related programs.

Training activities involved informative presentations, visual demonstrations, and practical applications. Examples illustrating salient points were drawn from actual materials. Coders learned to use the WesTes coding system, employing its category and subcategory search. Coders also became familiar with the CSSC and the importance of studying a course's full description before assigning a CSSC code. A final exercise was given on the last day of training as a graded evaluation of coding analysis and application to verify that coders were able to meet the accuracy standards for the project.

Title-Matching Staff

Six catalog coders were selected to perform the title-matching task. The training for title matching was similar in both form and procedure to catalog coder training. During a 4-day period, title matchers learned to match the transcript information entered during transcript entry and verification with the CSSC catalog course codes that they had assigned during catalog coding.

5.2.5.2 Rekeying for Verification

All data entry from transcripts was verified by a staff member other than the one who initially entered the data. This required blindly rekeying most of the information on the transcript. However, the names of honors, tests, and courses were displayed during verification, because the verifier

needed to see them to make meaningful entries in the related fields. These fields were only rekeyed when the verifier believed that an error had been made in entering them. Since course titles were keyed in full and were later matched to catalog titles, verifiers paid particular attention to any data entry errors in the titles that might potentially lead to incorrect matches. The system alerted the verifier to any differences between his or her entries and the original entries. The verifier then had the opportunity to confirm or change the most recent entry.

Verification showed that initial data entry was quite accurate. For example, verifiers changed 2 percent of grades and less than 1.5 percent of course credits.

5.2.5.3 Automated Tests to Identify Records for Review

Several automated reports were developed to identify records to be manually reviewed. Some reports were developed to assist coders in identifying records to be re-examined before submitting cases for review. Other reports were designed for supervisors to use to identify courses for their review.

The automated reports highlighted items that appeared to be inconsistent or to have unusually high or low values. For instance, reports were generated of transcripts within a school that had not yet been coded. A more complex type of report was a list of course titles containing the word “honors” without the honors flag having been set in the catalog.

5.2.5.4 Use of Logs to Identify and Rectify Problems

Specific problems encountered during data entry and coding operations were entered on one of two logs: (1) Supervisor’s Problem Log, and (2) System’s Problem Sheet. Problems identified in the Supervisor’s Problem Log were discussed in a meeting of HSTS staff, and the resolutions were indicated on each problem sheet. A System’s Problem Sheet was submitted when the problem encountered was with WesTes. A description of the problem and a screen shot (when applicable) were included and the systems specialists corrected these problems.

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6. WEIGHTING AND ESTIMATION OF SAMPLING VARIANCE

6.1 Overview of Weighting in HSTS 2005

This chapter explains how the weights associated with the 2005 High School Transcript Study (HSTS 2005) were calculated. Restricted-file users do not need to understand all the material in this chapter; however, they do need to be aware of which types of weights are appropriate to use with the analyses they wish to do. The appropriate weights to use are discussed in section 7.3.1.

The next sections of this chapter discuss school weights and graduate weights. The final section presents additional information about the replicate weights. This chapter uses the following terminology in discussing the weights:

- **Linked weights:** Weights that should be used for point estimates for a variable that is only available for schools or graduates in schools that can be linked to the National Assessment of Educational Progress (NAEP) (such as NAEP scores or parental education).
- **Unlinked weights:** Weights that should be used for point estimates for a variable available for all responding schools or all graduates in the HSTS sample (such as highest science course completed or grade point average [GPA]).
- **Replicate weights:** Weights used when estimating variances for point estimates.

6.2 School Weights

The final school weights consist of the product of base weights that reflect differences in the probability of schools being selected for HSTS and weights that adjust for differential nonresponse rates for different types of HSTS schools.

This section first discusses the school base weights and then discusses adjustments for nonresponse. Finally, it presents the formulas used for calculating the school weights from the base weights and the nonresponse adjustment factors.

6.2.1 School Base Weights

The school base weights w_s and the 62 corresponding replicate weights $w_s(r)$ were computed, using the following factors:

- a factor equal to the inverse of the school's probability of being sampled for NAEP [W_s and $W_s(r)$];
- a factor equal to the inverse of the school's probability of being subsampled for HSTS (W_c); and
- a factor equal to the inverse of the school's probability of having students selected for participation in either the NAEP mathematics or science assessment ($SCHSES_s$).²⁰

The formulas for calculating the HSTS base weights and replicate weights for the schools are as follows:

$$\begin{aligned}w_s &= W_s * W_c * SCHSES_s \\w_s(r) &= W_s(r) * W_c * SCHSES_s\end{aligned}$$

6.2.2 School Nonresponse Adjustments for HSTS 2005

This section describes the weighting cell adjustment used for adjusting for school nonresponse. The starting point for a cell structure was the strata from the original NAEP school sampling process (for 12th-grade public and 12th-grade private schools). This was also the cell structure used in the development of nonresponse cells for NAEP. When cells based on the strata were too small to allow for stable nonresponse adjustment, cells were collapsed. The final school nonresponse weighting cells for use with the unlinked HSTS responding school sample were designated as $SNRADJ_c^{(U)}$, $c=1, \dots, C^{(U)}$, where $C^{(U)}$ is the total number of weighting cells, S_c is the set of all eligible original HSTS schools in cell c , $R_c^{(U)}$ is the set of all unlinked responding schools (with responding substitutes replacing original nonrespondents) within S_c ; and w_s is the HSTS school full sample base weight.

²⁰ Schools with fewer than 24 students in the 12th grade did not necessarily participate in either the operational science or mathematics assessments. Two-ninths of the public schools with less than 24 students were assigned to a bridge session only, and one-eighth of the private schools with less than 24 students were assigned to a bridge session only. Thus, schools with fewer than 24 students were weighted by the inverse of the probability of having an operational mathematics or science assessment.

$$SNRADJ_c^{(U)} = \frac{\sum_{s \in S_c} w_s}{\sum_{s \in R_c^{(U)}} w_s}$$

In words, this calculation indicates that the adjusted weight equals the total base weight for all schools divided by the total base weight for all responding schools in the cell.

Because many analyses are restricted to schools for which student NAEP scores can be linked to HSTS data, a similar nonresponse adjustment was done for schools in the linked sample. The corresponding cells for the linked NAEP-HSTS responding school sample were $SNRADJ_c^{(L)}$, $c=1, \dots, C^{(L)}$, where $C^{(L)}$ is the total number of weighting cells and $(R_c^{(L)})$ is the set of all linked responding school (with responding substitutes replacing original nonrespondents). The school nonresponse adjustments were computed as follows for each nonresponse weighting cell:

$$SNRADJ_c^{(L)} = \frac{\sum_{s \in S_c} w_s}{\sum_{s \in R_c^{(L)}} w_s}$$

For the unlinked weights, schools were eligible if they had at least one graduate in their class, and if they satisfied the NAEP criteria for eligibility. A school was cooperating if it cooperated with the HSTS survey (whether or not it also participated in NAEP 2005).

For the linked weights, the eligibility criteria were the same as for the unlinked weights. A school was considered cooperating only if it cooperated both with NAEP 2005 and HSTS 2005 and retained the information needed to link the NAEP and HSTS records.

6.2.3 School Base Weights Adjusted for Nonresponse

The unlinked (linked) school nonresponse-adjusted weight $SCHWGT_s^{(U)}$ ($SCHWGT_s^{(L)}$) is equal to

$$SCHWGT_s^{(U)} = w_s * SNRADJ_c^{(U)}$$

$$SCHWGT_s^{(L)} = w_s * SNRADJ_c^{(L)}$$

The replicate school nonresponse adjustments were computed as follows for each nonresponse weighting cell:

$$SNRADJ_c^{(U)}(r) = \frac{\sum_{s \in S_c} w_s(r)}{\sum_{s \in R_c^{(U)}} w_s(r)}, \quad r = 1, \dots, R$$

$$SNRADJ_c^{(L)}(r) = \frac{\sum_{s \in S_c} w_s(r)}{\sum_{s \in R_c^{(L)}} w_s(r)}, \quad r = 1, \dots, R$$

The unlinked (linked) school nonresponse-adjusted replicate weights $SCHWGT_s^{(U)}(r)$ ($SCHWGT_s^{(L)}(r)$) are equal to

$$SCHWGT_s^{(U)}(r) = w_s(r) * SNRADJ_c^{(U)}(r)$$

$$SCHWGT_s^{(L)}(r) = w_s(r) * SNRADJ_c^{(L)}(r)$$

Appendix N presents estimates of enrollment, by grade and standard errors, using these weights and replicate weights. As can be seen, the school nonresponse adjustments had the effect of allowing the responding schools to represent the full set of schools. The replicate adjustments were designed to produce variance estimates reflecting the component of variability added by the nonresponse adjustment process.

6.3 Weights for Graduates

The final weights for graduates consist of the product of the base weights, which are equal to the inverse of the probability of the graduate being selected for HSTS; a nonresponse adjustment factor; and a trimming factor used to ensure that individual graduate weights are not excessively large. For graduates, the following types of final weights are calculated:

- weights for all graduates in the HSTS 2005 sample;

- weights for graduates in the HSTS 2005 sample for whom NAEP mathematics scores are available;
- weights for graduates in the HSTS 2005 sample for whom NAEP science scores are available; and
- weights for graduates in the HSTS 2005 sample for whom either NAEP mathematics or science scores are available.

All of these weights are designed to estimate variables for all graduates. Which type of weight should be used depends upon what type of data the user is analyzing. For example, in estimating the GPA of graduates, the first weight would be used. If, however, the user wishes to explore the relationship between NAEP mathematics scores and GPA, the user will use the second type of weight, because these estimates must be based on the subsample of all HSTS graduates who also took the NAEP mathematics assessment. Similarly, if the user wishes to explore the relationship between NAEP science scores and GPA, the user will use the third type of weight, because these estimates must be based on the subsample of all HSTS graduates who also took the NAEP science assessment. Finally, the fourth weight is used when the user wishes to estimate a variable (such as responses to the student questionnaire) available for all graduates who took either the mathematics or the science assessment but not for other HSTS graduates.

6.3.1 Base Weights

The number of weights calculated for a graduate in HSTS 2005 depended upon which of the four possible samples the graduate belonged to (i.e., all graduates, all graduates who took the NAEP mathematics assessment, all graduates who took the science assessment, and all graduates who took either the mathematics or the science assessment). All sample members have a weight (referred to as the unlinked weight) used to estimate statistics for all graduates. Since students could not participate in both a mathematics and a science assessment, those graduates with linked NAEP data will have two weights in addition to the unlinked weight – either the mathematics or science linked weight and the combined linked weight. The summation of the graduate base weights over a particular subgroup is an unbiased²¹ estimator of the total number of graduates in that subgroup in the population.

²¹ This assumes that the school nonresponse adjustments completely adjusted for bias due to school nonresponse.

6.3.1.1 Base Weights for Graduates in Schools without Linked NAEP Data

The unlinked base weight for graduates ($STUWGT_{sk}^{(U)}$) within the unlinked schools was different from the student weight in the NAEP sample because, as explained in chapter 3, the two samples are not identical. The unlinked weight in this case is a product of the following factors (where s indicates school; k indicates graduate):

- the school nonresponse adjusted weight $SCHWGT_s^{(U)}$;
- the substitute school weighting factor ($SUBADJ_s$) that adjusts for differences in enrollment between the original school and the substitute school; and
- the within-school sampling interval²² for graduate selection $WINSCHWT_s$.

To summarize:

$$STUWGT_{sk}^{(U)} = SCHWGT_s^{(U)} * SUBADJ_s * WINSCHWT_s$$

The corresponding replicate weights ($r=1, \dots, R$) for unlinked schools are as follows:

$$STUWGT_{sk}^{(U)}(r) = SCHWGT_s^{(U)}(r) * SUBADJ_s * WINSCHWT_s$$

6.3.1.2 Base Weights for Graduates within Schools with Linked NAEP Data

The unlinked graduate base weight $STUWGT_{sk}^{(U)}$ within the linked schools is a product of the following factors (s indicates school; k indicates graduate):

- the school nonresponse adjusted weight $SCHWGT_s^{(U)}$ discussed earlier;
- the substitute school weighting factor ($SUBADJ_s$) that adjusts for differences in enrollment between the original school and the substitute school;
- the within-school sampling interval for student selection ($WINSCHWT_s$);

²² The sampling interval is the reciprocal of the probability of selection.

- the assessment session assignment weighting factor ($STUSESWT_s$) that adjusts for the probability of a selected student being selected for a session that includes operational mathematics and/or science assessment;
- a factor for year-round schools ($YRRND_FC_s$) that adjusts for students not being available for NAEP testing because they are not enrolled in the school during the semester that NAEP is administered; and
- a factor ($MASC_AF_s$) for selection of the student to a mathematics or science operational booklet (rather than a reading operational booklet, a pilot booklet, or a bridge booklet), given the student was in a session including operational mathematics and/or science assessment. This factor was equal to 75/49.

Similarly, the linked graduate base weight $STUWGT_{sk}^{(L)}$ within the linked schools is a product of the following factors:

- the school nonresponse adjusted weight $SCHWGT_s^{(L)}$ discussed earlier;
- the substitute school weighting factor ($SUBADJ_s$) that adjusts for differences in enrollment between the original school and the substitute school;
- the within-school sampling interval for student selection ($WINSCHWT_s$);
- the assessment session assignment weighting factor ($STUSESWT_s$) that adjusts for the probability of a selected student being selected for a session that includes operational mathematics and/or science assessment;
- a factor for year-round schools ($YRRND_FC_s$) that adjusts for students not being available for NAEP testing because they are not enrolled in the school during the semester that NAEP is administered; and
- a factor ($MASC_AF_s$) for selection of the student to a mathematics or science operational booklet (rather than a reading operational booklet, a pilot booklet, or a bridge booklet), given the student was in a session including operational mathematics and/or science assessment. This factor was equal to 75/49.

To summarize:

$$STUWGT_{sk}^{(U)} = SCHWGT_s^{(U)} * WINSCHWT_s * STUSESWT_s * SUBADJ_s * YRRND_FC_s * MASC_AF_s$$

$$STUWGT_{sk}^{(L)} = SCHWGT_s^{(L)} * WINSCHWT_s * STUSESWT_s * SUBADJ_s * YRRND_FC_s * MASC_AF_s$$

The corresponding replicate weights are as follows ($r=1, \dots, R$) for linked schools:

$$STUWGT_{sk}^{(U)}(r) = SCHWGT_s^{(U)}(r) * WINSCHWT_s * STUSESWT_s * SUBADJ_s \\ * YRRND_FC_s * MASC_AF_s$$

$$STUWGT_{sk}^{(L)}(r) = SCHWGT_s^{(L)}(r) * WINSCHWT_s * STUSESWT_s * SUBADJ_s \\ * YRRND_FC_s * MASC_AF_s$$

6.3.2 Nonresponse Adjustments

The methods used for nonresponse adjustment for the HSTS 2005 graduates were very similar to those used for the NAEP 2005 12th-grade operational studies, with a few minor differences. Nonresponse adjustments were done separately for the unlinked and the linked samples of graduates. For the linked samples, it was necessary for the graduate to be both a NAEP respondent and a graduate with a transcript to be a linked sample respondent.

6.3.2.1 Preliminary Formation of Weighting Cells for Public School Graduates

For unlinked and linked weights for graduates from public schools, the following nesting cell structure was used to define nonresponse weighting cells, following what was done for NAEP 2005:

- SD/LEP status of graduate crossed with subject (SD and/or LEP math, SD and/or LEP science, no SD/LEP);
- school nonresponse cell;
- age of graduate (classed into “older” graduate and “normal age or younger” graduate);
- sex; and
- race (as given on the school administration form).

6.3.2.2 Preliminary Formation of Weighting Cells for Private School Graduates

For unlinked and linked graduate weights within private schools, the following nesting cell structure was used to define nonresponse weighting cells,²³ again following what was done for NAEP 2005:

- school nonresponse cell;
- age of graduate (classified into “older” graduate and “normal age or younger” graduate);
- sex; and
- race (as given on the school administration form).

6.3.2.3 Collapsing of Weighting Cells

When cells based on the nesting structure, (sections 6.3 and 2.2) were too small²⁴ to allow for stable nonresponse adjustment, cells were collapsed. The final graduate nonresponse weighting adjustments for unlinked and linked weights respectively are designated as $STNRADJ_d^{(U)}$, $d = 1, \dots, D^{(U)}$ and $STNRADJ_d^{(L)}$, $d = 1, \dots, D^{(L)}$ where $D^{(U)}$ is the total number of weighting cells designated for the unlinked weights and $D^{(L)}$ is the total number of weighting cells designated for the linked weights.

6.3.2.4 Calculation of Nonresponse Adjustments

The nonresponse adjustments for graduates were computed as follows for unlinked weights:

$$STNRADJ_d^{(U)} = \frac{\sum_{sk \in S_d^{(U)}} STUWGT_{sk}}{\sum_{sk \in R_d^{(U)}} STUWGT_{sk}} \quad STNRADJ_d^{(L)} = \frac{\sum_{sk \in S_d^{(L)}} STUWGT_{sk}}{\sum_{sk \in R_d^{(L)}} STUWGT_{sk}}$$

²³ Logistic regression analysis was performed to identify the significant predictors, and only the significant predictors were used to form the nonresponse adjustment cells.

²⁴ Less than 20 sampled students or a replicate with less than 15 students, or an adjustment greater than 2.0, or a replicate adjustment greater than 1.5 times the full sample adjustment.

where $S_d^{(U)}$ ($S_d^{(L)}$) is the set of all eligible sampled graduates in unlinked (linked) weight cell d , $R_d^{(U)}$ is the set of all usable transcripts in unlinked weight cell d , and $R_d^{(L)}$ is the set of all linked transcript-assessment pairs in linked weight cell d . The replicate weighting adjustment $STNRADJ_d^{(U)}(r)$, $d = 1, \dots, D^{(U)}$, $r = 1, \dots, R$, $STNRADJ_d^{(L)}(r)$, $d = 1, \dots, D^{(L)}$, $r = 1, \dots, R$ are computed in a similar fashion with $STUWGT_{sk}(r)$ replacing $STUWGT_{sk}$ in the formulas above.

6.3.3 Weight Trimming

A similar trimming procedure was used for HSTS 2005 as was used for NAEP 2005. The weights for graduates were trimmed using the multiple median rule trimming procedure. The trimming procedure detects and truncates excessively large weights. Any weight within a given trimming group greater than a specified multiple of the median weight value of the given trimming group had its weight scaled back to that threshold. The same trimming factor calculated for the full sample weight was applied to each replicate weight within the same trimming group.

A multiple 3.5 was attempted as the cutoff factor. If too many weights are trimmed using this cut (e.g., more than 5%), 4.5 is used as the cutoff factor. The trimming group was defined by school type (public, the various types of private schools).

6.3.3.1 Unlinked Weights

For the unlinked weights, the median $MED_c^{(U)}$ of the nonresponse adjusted weights for the responding graduates within each trimming group c was calculated, then the trimming factor²⁵ was calculated as follows:

$$STRMADJ_{sk}^{(U)} = \begin{cases} \frac{4.5 \times MED_c^{(U)}}{STUNRWGT_{sk}^{(U)}}, & \text{if } (STUNRWGT_{sk}^{(U)} > 4.5 * MED_c^{(U)}), \\ 1, & \text{otherwise} \end{cases}$$

²⁵ For the unlinked weight trimming, the 4.5 median rule was used, and 47 cases were trimmed.

6.3.3.2 Linked Weights

For the linked weights, a factor was attached for whether the graduate had a mathematics NAEP assessment or a science NAEP assessment. This factor is designated as $STUMSO_{sk}$. The probability of being assigned a mathematics assessment given assignment to mathematics or science is 0.4081. Thus $STUMSO_{sk}$ for a mathematics assessment graduate is 2.45. The probability of being assigned a science assessment given assignment to mathematics or science is 0.5919, with a corresponding $STUMSO_{sk}$ of 1.69. Then the subject-specific linked weights are computed as follows:

$$\begin{aligned} SUBJWGT_{sk}^{(L)} &= STUNRWGT_{sk}^{(L)} * STUMSO_{sk} \\ SUBJWGT_{sk}^{(L)}(r) &= STUNRWGT_{sk}^{(L)}(r) * STUMSO_{sk}, \quad r = 1, \dots, R \end{aligned}$$

The median $MED_c^{(L)}$ of the subject-adjusted weights for the responding graduates within each trimming group was calculated, and then the trimming factor²⁶ was calculated as follows:

$$STRMADJ_{sk}^{(L)} = \begin{cases} \frac{3.5 * MED_c^{(L)}}{SUBJWGT_{sk}^{(L)}}, & \text{if } (SUBJWGT_{sk}^{(L)} > 3.5 * MED_c^{(L)}), \\ 1, & \text{otherwise} \end{cases}$$

6.3.4 Calculating Final Weights for Graduates

The final graduate weights are calculated by multiplying the appropriate base weights, nonresponse adjusted weights, and trimming factors together:

$$\begin{aligned} FINWGT_{sk}^{(U)} &= STUWGT_{sk}^{(U)} * STNRADJ_{sk}^{(U)} * STRMADJ_{sk}^{(U)}, \\ FINWGT_{sk}^{(U)}(r) &= STUWGT_{sk}^{(U)}(r) * STNRADJ_{sk}^{(U)}(r) * STRMADJ_{sk}^{(U)}, \quad r = 1, \dots, R \end{aligned}$$

²⁶ For the linked weight trimming, the 3.5*median rule was used, and 9 cases were trimmed.

$$FINWGT_{sk}^{(L)} = STUWGT_{sk}^{(L)} * STNRADJ_{sk}^{(L)} * STRMADJ_{sk}^{(L)}, \text{ and}$$

$$FINWGT_{sk}^{(L)}(r) = STUWGT_{sk}^{(L)}(r) * STNRADJ_{sk}^{(L)}(r) \times STRMADJ_{sk}^{(L)}, \quad r = 1, \dots, R$$

6.4 Variance Estimation

Replicate weights have been provided for each set of sample weights to allow users to compute variances for HSTS 2005 estimates. The particular method used for HSTS 2005 was the stratified jackknife assuming two primary sampling units (PSUs) per stratum (Krewski and Rao 1981), the same method used for the main NAEP 2005.

Graduate estimates based on HSTS 2005 are subject to sampling error because they are derived from a sample, rather than from the whole population. The variance is a measure of sampling error and, for the most part, determines the reliability of an estimate. Sampling variance indicates how much a population estimate for a given statistic would be likely to change if it were based on another equivalent sample of individuals drawn in exactly the same manner as the actual sample. Since HSTS 2005 used a complex sample design with several stages of sampling, unequal selection probabilities, and complex weighting procedures, use of standard textbook formulas or standard routines in software packages such as SAS and SPSS generally underestimate the true variance of survey estimates and should not be used.

6.4.1 Jackknife (JK2) Replication Method

The basic idea behind replication is to select subsamples repeatedly from the whole sample, calculate the statistic of interest for each subsample, and then use the variability among the subsample or replicate statistics to estimate the variance of the full sample statistic. Different ways of creating subsamples from the full sample result in different replication methods. The subsamples are called replicates, and the statistics calculated from these replicates are called replicate estimates.

The stratified jackknife replication method used for HSTS 2005, known also as the JK2 replication method, assumes that the population of PSUs, the first stage units, is grouped in L variance strata with two PSUs (or variance units) selected from each stratum. In the case of HSTS 2005, the first

stage units are the schools. In general, a replicate estimate is formed by randomly selecting one variance unit in a variance stratum. The weight of the selected variance unit is doubled, the weight of the nonselected variance unit is multiplied by zero, and the weights for the variance units in the remaining variance strata are not modified. This process is repeated for each variance stratum. If there are L variance strata, then L replicates are created.

The JK2 replication method, as well as any of the other replication methods, is implemented by using replicate weights. Each replicate weight corresponds to a given replicate. The estimated sampling variance of some statistic t is calculated by taking the sum of M squared differences (where M is the number of replicate weights developed):

$$\hat{Var}(t) = \sum_{i=1}^M (t_i - t)^2$$

where t_i denotes the statistic of interest obtained using the i^{th} set of replicate weights and t denotes the statistic obtained using the set of full sample weights.

6.4.2 Calculating Replicate Weights

Replicate weights for a given HSTS 2005 sample were created by generating random samples of the original sample. In all, 62 replicate weights were created on each graduate record in an HSTS 2005 data set. Thirty-six replicates were designed to reflect the variance contribution arising from sampling PSUs (generally known as between-PSU variance). The remaining 26 replicates were designed to reflect the variance contribution arising from sampled schools within the 22 certainty PSUs (generally known as within-PSU variance). This variance replication scheme was the same one traditionally used for the national main NAEP 2005 assessment samples.

The creation of the 36 variance strata for the noncertainty PSUs involved pairing noncertainty PSUs in a manner that models a two PSU per stratum design in which PSUs are drawn with replacement. The HSTS 2005 samples used the main NAEP 2005 pairings, where PSUs were paired based on similar stratum characteristics. The 36 pairs of PSUs were formed by putting together PSUs from adjacent strata within NAEP region and metro status. Adjacent strata had similar socioeconomic characteristics such as proportion minority population, population change since 1980, per capita income,

civilian unemployment rate, educational attainment, and unemployment rate. Each PSU in a pair was randomly assigned to one of two different variance units (1 or 2). Each PSU pairing was referred to as a variance stratum, and each PSU in a variance stratum was referred to as a variance unit.

The procedure for creating the 26 variance strata for the certainty PSUs was analogous but somewhat more complex. The first stage units in certainty PSUs were schools, and so schools were paired to form variance strata under the JK2 model. For the 22 certainty PSUs in each HSTS 2005 sample, schools were listed in order of selection, and successive schools were paired within certainty PSUs. If there were an odd number of schools within a certainty PSU, the last three schools were grouped into a triple. Each school grouping was referred to as an initial variance stratum. Each school in a pair (or triple) was randomly assigned to 1 of 2 (3) different variance units [1, 2, (or 3)]. Since the number of initial variance strata greatly exceeded the desired number of variance strata (26), the initial strata were systematically assigned to 26 “combined” variance strata.²⁷ To distinguish between the two types of variance components, the 26 variance strata for the certainty PSUs were labeled 1 through 26, and the 36 variance strata for the noncertainty PSUs were labeled 27 through 62.

Replicate base weights ($i = 1-62$) for a graduate assigned to a variance stratum with two first-stage sampling units were calculated as below. STU_BWT was the graduate base weight for a given HSTS 2005 sample, as described in section 6.1, which reflected the various stages of selection.

$$STU_BWT_{rep_i} = \begin{cases} 0 & \text{if student is in variance unit 1 of variance stratum } i \\ 2 \times STU_BWT & \text{if student is in variance unit 2 of variance stratum } i \\ STU_BWT & \text{if the student is not in variance stratum } i \end{cases}$$

When a stratum contained three first-stage sampling units, graduates in the stratum had their weights adjusted for two sets of replicates. Replicate base weights ($i = 1-62$) for a graduate assigned to variance stratum with three first-stage units were calculated as follows:

$$STU_BWT_{rep_i} = \begin{cases} 0 & \text{if student is in variance unit 1 of variance stratum } i \\ 1.5 \times STU_BWT & \text{if student is in variance unit 2 or 3 of variance stratum } i \\ STU_BWT & \text{if the student is not in variance stratum } i \end{cases}$$

²⁷ Initial variance strata comprising three schools were assigned two variance strata so that two replicates are created for each of these strata. This is one common approach to handle three PSUs per stratum.

The final replicate weights for a given HSTS 2005 data set were calculated by applying the same weighting adjustment procedures described in section 6.1 to each set of replicate base weights. By applying the weighting procedures on each set of replicate base weights, variance estimates reflected the intended effects of the weighting adjustments.

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7. GUIDE TO THE DATA FILES AND CODEBOOKS

This chapter describes the content and organization of the 2005 High School Transcript Study (HSTS 2005) data files and codebooks. It also details the process for accessing and obtaining the data files.

7.1 Public-use and Restricted-use Data Files

7.1.1 NAEP Transcript Data Explorer

For the first time, the National Assessment of Educational Progress (NAEP) HSTS data are accessible as public-use data through a web-based analysis tool. Researchers will be able to conduct interactive analyses on the NAEP HSTS 2005 data with the High School Transcript (HSTS) version of the NAEP Data Explorer (NDE). An adaptation of NDE, the NDE for the HSTS is a Data Analysis System (DAS) that enables users to access and analyze the graduate transcript data collected for HSTS 2005. Users can construct tables with as many variables as can be supported by the data, although data disclosure rules will place some limitations on the number of crossed variables, as well as the number of categories within the variables.

The NDE for HSTS is being made available to the public in two phases. In the first phase which has been released, researchers can generate tables of average NAEP assessment score tables for a number of independent variables, which include coursetaking and other transcript information, school and graduate demographic information, and the NAEP questionnaire responses. The data is limited to graduates who participated in both the NAEP assessment and HSTS and were eligible for inclusion in the transcript analysis. All analyses in the first phase use the NAEP scores as the default dependent variable. The NAEP-based data available in the NDE for HSTS are categorical or binary variables and can be used for user table requests.

The second phase of the NDE for HSTS will provide researchers with additional flexibility in variable selection for dependent variables, such as earned course credits and grade point average (GPA). Transcript data will be available from all graduates eligible for inclusion in the transcript analysis, regardless of their participation in NAEP. Phase II will also add 1990 and 2000 data to the NDE for

HSTS, so that users can examine trends in HSTS data. The NDE can be accessed at http://nces.ed.gov/nationsreportcard/nde/help/qs/About_NAEP_Data_Explorer.asp. When the second phase of the NDE for HSTS is available, it will be announced on this website.

7.1.2 Restricted-use Data

By Federal law, the schools and graduates that participated in HSTS 2005 are to remain confidential. However, all NAEP microdata files, including the NAEP HSTS 2005 data files, are available to users as restricted-use data files. Restricted-use data files contain variables for schools and graduates that cannot be released to the public, because of confidentiality concerns, but are made available to educational researchers. Though these data contain direct identifiers of schools, educational researchers using the HSTS 2005 data files must agree not to release any information that directly identifies a school or graduate, such as school name or address.

Because of confidentiality legislation, secondary users who wish to obtain a copy of the restricted-use data files must apply for an National Center for Education Statistics (NCES) restricted data license. If an organization does not already have a restricted data license, it is necessary to obtain a copy of the *Restricted-Use Data Procedures Manual*. There is a four-page checklist in this document that details the steps involved in obtaining a license. The manual may be viewed and downloaded from the NCES website at <http://nces.ed.gov/statprog/rudman>, or a copy may be requested from the following contact individual:

Cynthia Barton (202) 502-7307
cynthia.barton@ed.gov

If an organization already has a restricted data license, the organization may need only to have the license amended to add new datasets and/or authorized data users. Note that, in college or university settings, only faculty can serve as the primary project officer.

To obtain a restricted data license (or to amend an existing license), a secondary user should apply using the electronic registration process available at <http://nces.ed.gov/statprog/instruct.asp>.

7.2 Content and Organization of the Restricted-use Files

Data from HSTS 2005 were organized into eight data files:

- Course Offerings File
- School File
- Student File
- NAEP Data File
- SD/LEP Questionnaire File
- Tests and Honors File
- Transcript File
- Master CSSC File

Except for the Master CSSC File (which is not related to individual schools or graduates), all files can be linked by unique school identifiers. The Student, NAEP Data, SD/LEP Questionnaire, Transcript, and Tests and Honors files can be linked by unique student identifiers. The Master CSSC File can be linked to either the Course Offerings or the Transcript File by CSSC number.

Each file contains the appropriate weighting variables and replicate weights.²⁸ To obtain accurate results, users must select the appropriate weights for the type of analyses they are undertaking.

This section will provide an overview of the information available in each of the data files. More detailed information is available in the codebooks in appendices P to W.

7.2.1 Course Offerings File

The Course Offerings File is a complete listing of courses offered in all participating schools. Organized by school, each of the file's 169,864 records contains the following information:

- school ID;

²⁸ See Chapter 6 for a discussion of the appropriate weights to use.

- course title;
- course CSSC code;
- special education flag;
- the source of the catalog (e.g., generated from transcripts or from a school-provided catalog);
- the catalog type (whether the catalog is a district-level catalog, a school catalog, or a list of courses generated by the school);
- the location of the course (including various off-campus locations);
- the language of instruction;
- the level of the course (e.g., remedial, regular, enriched, honors); and
- whether it was part of an instructional sequence.

It should be noted that schools may not offer all courses that are on a transcript. For example, in a high school that covers grades 10 through 12, the grade 9 courses that graduates took in junior high school were not treated as transfer courses but appeared as if they were offered by the high school. This treatment provides a more balanced picture of the courses available to graduates in four years of high school than would be provided by treating such courses as transfer courses. For the 55 schools from which no catalogs were received, the list of unique course titles appearing on the sampled transcripts was the only available source of course offering entries.

7.2.2 School File

The school file contains one record for each of the participating schools. The file includes school variables gathered on the School Information Form (SIF) during the transcript study, as well as the school's responses to the NAEP School Questionnaire. Copies of the questionnaires are in appendices K, L, and M. Information collected on the SIF that appear on the HSTS 2005 school file include diplomas offered, school programs offered, the typical number of classes per school day, and the typical length of time for school classes.

7.2.3 Student File

The student file contains a record for each of the high school graduates who were identified for HSTS 2005. Each record in the file contains demographic information, sampling information, graduate weights, and replicate weights for variance estimation. It also contains a flag indicating whether or not the graduate was disabled (SDSTATUS) and a variable indicating the specific nature of the disability when applicable (HCTYPE).²⁹ The file also contains a series of derived variables, including summaries of the graduate’s coursetaking record by major educational topic, as taken from the graduate’s transcript data. Because a number of transcripts for graduates were not received or were incomplete, only 26,151 graduates have full transcript information on their graduate records.

7.2.4 NAEP Data File

This file contains data from the NAEP 2005 mathematics and science assessments for the HSTS sampled graduates. Because NAEP scores are designed to provide accurate group estimates rather than student-level information, plausible values for graduates are developed. These plausible values variables are “conditioned” on other variables (e.g., parents’ education level and NAEP region) in the NAEP datasets. These plausible values provide more unbiased estimates of graduate scores when NAEP data are analyzed in conjunction with the conditioning variables.³⁰ The NAEP data file includes the plausible values for NAEP proficiency scores for each 2005 high school graduate who participated in a NAEP assessment in a school that was fully linked to HSTS 2005.

In addition to the variables used to estimate plausible values for the main NAEP study, the following transcript study variables included in the student file were used in the conditioning process:

- ACADTRK Student Program
- CLRANK/CLSIZE Class Rank divided by Class Size

²⁹ The values of the disabling condition codes in 2005 are 00 = Multidisabled, 01 = Learning Disabled, 02 = Hearing Impaired, 03 = Visual Impaired, 04 = Speech Impaired, 05 = Mental Retardation, 06 = Emotional Disturbance, 07 = Orthopedic Impaired, 08 = Traumatic Brain Injury, 09 = Autism, 10 = Developmental Delay, 11 = Other Health Impaired, 12 = Other, 88 = Not Reported. These codes have been modified since the codes used in HSTS 1998 file.

³⁰ The plausible value estimation process for NAEP is explained at <http://nces.ed.gov/nationsreportcard/pubs/guide97/ques11.asp> and in the NAEP technical report for 1996 (<http://nces.ed.gov/nationsreportcard/pdf/main1996/1999452b.pdf>). Also, see the forthcoming online NAEP 2005 technical report for a detailed discussion of conditioning.

- EXITSTS Student Exit Status
- TGPA Calculated GPA
- GRREQFLG Graduation Requirements Level Flag
- SDSTATUS Student Disability Status
- LEP Student Limited English Proficiency Status
- CENSREG Census Region
- STUB0100 - STUB1600 These “stub” variables represent the number of credits graduates received in various subject areas. These are defined in detail in appendix O.
- STUB2001 - STUB2005 New Basics Curriculum categories. These variables represent variants of academically oriented course taking patterns recommended in the *Nation at Risk* report. They are defined in detail in appendix O.

Because of the inclusion of the transcript study variables, the NAEP scores reported in the HSTS files are slightly different from the scores contained in the records for the same graduates distributed solely as NAEP data. The overall national scores from the two studies are marginally different.

If the need arises to match transcript study records with records obtained from NAEP files obtained from other sources, the user will need to take into account the differences in naming conventions for the school and student IDs noted in table 20.

Table 20. HSTS and NAEP record identifier naming conventions: 2005

HSTS transcript study record identifier		NAEP record identifier (other than those distributed with the transcript files)	
Variable name	Field length	Variable name	Field length
SCHOOLID	7	SCHID	7
STUDENTI	10	BOOK	3
		BKSER	6
		CHKDIG	1

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

The student identifier in the transcript study, STUDENTI, is created by concatenating the NAEP book number (BOOK, which identifies the form of the assessment which was administered), the book serial number (BKSER), and the check digit (CHKDIG).

7.2.5 SD/LEP Questionnaire File

The SD/LEP questionnaire file contains a record for each of the approximately 3,000 HSTS sampled graduates with student disability and/or limited English proficiency questionnaire data. The file contains all data from the completed questionnaires, including the demographic variables asked for on the cover of the questionnaires.

7.2.6 Test and Honors File

The test and honors file contains information on standardized test scores and honors that appears on high school transcripts. Of the transcripts collected, about 9,400 transcripts (approximately one-third) contained either standardized test scores or notations regarding honors and awards that graduates received. Transcripts without this information may belong to graduates who did not take standardized test scores and/or received no honors; however, they may also be for graduates attending schools that did not report some or all of this information on transcripts. Because of the relatively small percentage of transcripts represented and the uncertainty about the source of missing data, the data in this file should be used with caution.

Graduates in the Test and Honors File are identified by the combination of school and graduate ID variables. Each test or honor entry on a transcript is identified with a unique sequence number. The combination of graduate ID and test/honor sequence number allows for a unique ID number for each test or honor within the file. Each entry also contains an indicator of the record type (“T” = test, “H” = honor), the month and year of the test or honor (if available), and a 50-character description of the honor or the test.

For most tests, scores were provided; however, it was not always possible to give meaningful entries for some test scores. The subtests that are reported also varied tremendously. Complete scores are provided for the Preliminary Scholastic Aptitude Test (PSAT) math and verbal subtests, the Scholastic Aptitude Test (SAT) math and verbal subtests, and the American College Test (ACT) composite subtests that appeared on the transcripts. The remaining test information is less complete. The file contains 46,680 records.

7.2.7 Transcript File

The Transcript File contains a record for each course appearing on the sampled graduates' transcripts. It is an extremely large file, containing over 1.3 million records. Courses are uniquely identified by a course ID number. Each course record includes the following variables:

- student ID number;
- grade level when course was taken;
- school year when course was taken;
- school term when course was taken;
- course title;
- grade received (original and standardized);
- credits received (original and standardized Carnegie units);
- course Classification of Secondary School Courses (CSSC) code;
- whether the course was a special education course;
- whether the course was taught off campus;
- whether the course was taught in a language other than English;
- instruction level of the course; and
- whether the course was a transfer course.

The analyst may wish to use this file to obtain new summary variables for graduates to add to the student file.

7.2.8 Master CSSC File

The Master CSSC File contains all codes in the modified version of the Classification of Secondary School Courses (CSSC) used in this study. The CSSC is described in chapter 1, and additional information on the codes is included in appendix O.

The Master CSSC File is organized by the CSSC code and contains four variables:

- CSSC course code (described in chapter 1);
- special education flag (described in chapter 5);
- standard course title; and
- sequence flag (described in chapter 5).

7.3 Additional Information for Researchers Wishing to Use Restricted-use Files

The HSTS data files contain a wealth of education-based information for researchers to use to understand issues related to coursetaking, access to courses, and achievement. This section addresses some topics that were not addressed in preceding sections such as the use of NAEP scores for individuals.

7.3.1 Selecting the Proper Weights

As discussed in chapter 6, there are multiple weights associated with HSTS 2005. Selecting the appropriate weight to use in analyses involving HSTS 2005 is critical for ensuring accurate results.³¹

Users' wishing to estimate variances as well as point estimates should be aware of the importance of using replicate weights³² with HSTS 2005. Since HSTS 2005 used a complex sample design with several stages of sampling, unequal selection probabilities,³³ and complex weighting procedures, use of standard textbook formulas or standard routines in software packages such as SAS and SPSS generally underestimate the true variance of survey estimates and should not be used.

³¹ Section 6.1 describes the weights to be used for different type of analyses.

³² See section 6 for additional information on the replicate weights.

³³ See chapters 2 and 3 for more information on the sampling used in HSTS.

7.3.2 Statistical Software for Use with HSTS 2005

Specialized software is required to produce the appropriate statistics from the HSTS 2005 data due to the complex sample design reflected in the jackknife replicate weights and the plausible values of the NAEP scale scores. Standard SAS and SPSS code can produce accurate point estimates but cannot easily produce correct standard errors.

The International Association for the Evaluation of Educational Achievement (IEA) has developed SAS and SPSS macros to work with similar kinds of jackknife replicate weight datasets found in international educational assessments like Third International Mathematics and Science Study (TIMSS) and the Progress in International Reading Literacy Study (PIRLS). These files need to be modified for use with the HSTS 2005 data files. The programs can be downloaded from the international website at the IEA International Study Center at Boston College (<http://isc.bc.edu/timss2003i/userguide.html>).

Commercial software such as WesVar can also be used for analyzing the HSTS data (<http://www.westat.com/wesvar/>). Other commercially-available software includes SUDAAN v9 (<http://www.rti.org/sudaan/>) and STATA v9 (<http://www.stata.com/>).

7.3.3 Use of NAEP Scores for Individuals

The design of the NAEP studies does not allow reporting on the performance of individual students. Rather it assesses student performance in selected academic areas for specific populations of students or subgroups of these students. The NAEP sample includes students from both public and private schools. To maximize student participation, NAEP policy states that a student should be asked to participate in the assessment, unless their inability to do so can be clearly established. Beginning with the 2000 assessment, NAEP HSTS linked analyses have included graduates who took the assessments with accommodations because they had disabilities or were LEP students.

NAEP Scale Scores

Because of the design of the NAEP assessments, each student typically responds to only a few questions within any content area, and not all students are asked the same questions. Unlike many

traditional assessments, there is no linear transformation between correct/incorrect items and a single score. Using a single student-level score would result in misleading estimates of population characteristics. Instead, NAEP constructs sets of plausible values (in sets of five) designed to represent the distribution of performance in the population for each subject assessed. A plausible value is a representative value from the potential scale scores for all students in the population with similar characteristics and identical patterns of item response. Because HSTS collects additional information about the student characteristics and item responses that can be used in this estimation process, plausible values for NAEP scale scores are recalculated for the HSTS sample for use in analyses relating NAEP scores and HSTS transcript data. As a result, NAEP scale scores associated with the HSTS 2005 data differ slightly from NAEP scale scores associated with NAEP 2005 student data.

Since the statistics describing the performance on the NAEP mathematics and science scales are based on the plausible values, the statistical software used to conduct these analyses must properly compute the statistics for the plausible values.

More information about NAEP 2005, including scale scores, plausible values, and jackknife variance replication can be found in the forthcoming online NAEP 2005 technical report.

7.4 HSTS Analysis Reports

Data collected by HSTS offers researchers a unique glance into graduate coursetaking patterns from one study year to the next. Many of the analyses done to date can be found in the publications located on the HSTS website (<http://nces.ed.gov/nationsreportcard/hsts/>).

For HSTS 2005, the initial release report, *The Nation's Report Card, America's High School Graduates, Results from the 2005 NAEP High School Transcript Study*, provides analyses on course credits, grades, and NAEP achievement. The analyses look at graduates based on gender, race/ethnicity, parent education, and performance over time. The analyses discussed in the HSTS 2005 initial release report represented high school graduates with complete transcripts. Students whose transcripts did not include course-by-course data for at least 3 full years of high school were excluded. To be consistent with

other published analyses, the following rules were adopted for including and excluding students in the analyses that produced the tables:³⁴

1. Both public and private school graduates were included.
2. Students with special education diplomas, certificates of attendance, and certificates of completion were excluded. Certificates of completion indicate that a student completed the necessary school requirements for graduation, but failed to successfully complete a required state graduation exam.
3. Graduates with disabilities who received regular or honors diplomas (i.e., those who were not screened out by rule 2) were included.
4. Graduates with fewer than 16 Carnegie Units were excluded. A Carnegie Unit was a factor used to standardize all credits indicated on transcripts across the study. The Carnegie Unit is defined as the number of credits received for 120 hours of classroom instruction over the course of a year.
5. Graduates with zero English credits were excluded.

Prior to finalizing the data file, transcript records were subject to quality control procedures that listed transcripts that needed to be examined because the transcript records were inconsistent with the student's exit status. In a few cases, it was determined that a student initially recorded as a graduate had not actually graduated, and the student's exit status was revised accordingly. Among students with transfer courses, it was sometimes determined that, although a student had fewer credits than were required to graduate, the transcript had all the other attributes of a graduated senior. These attributes included student exit status, graduation date, GPA, and class standing. Credits from transfer schools may not have been recorded on the transcript, or the transferred credits may have had a different credit assignment than the school of graduation. In these cases, if a careful review of the transcript and the data files showed no data entry or coding errors, and the lack of credits resulted from missing or improperly converted Carnegie credits for the transfer courses, the record was updated. An additional transcript record with undifferentiated credit was added, or the existing transfer credit records were modified to assign the actual number of credits the graduate had taken.

In summary, for a transcript to be included in the analyses in the initial release report, it had to meet three requirements: (1) the graduate graduated with either a standard or honors diploma, (2) the graduate's transcript contained 16 or more Carnegie credits, and (3) the graduate's transcript contained

³⁴ An exception to this is that the 2005 initial release report contains an analysis of graduates with disabilities that included those graduates receiving special education diplomas and certificates of attendance in addition to those receiving honors or standard diplomas.

more than 0 Carnegie credits in English courses. These additional restrictions reduced the number of 2005 graduates in sample used in the report from 27,051 graduates to 26,525 graduates.

For HSTS 2000, there are two publications containing many comparisons and analyses. The first publication, *The High School Transcript Study: A Decade of Change in Curricula and Achievement, 1990–2000*, is a printed report available from the National Center for Education Statistics via its website (<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2004455>) and EDPUBS. This report analyzes the changes in course credits earned and GPAs achieved by high school graduates from HSTS 1990 to HSTS 2000. It also looks at correlation values between the NAEP 2000 mathematics and science assessment scores with various student coursetaking variables. The second publication, *The 2000 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 2000, 1998, 1994, 1990, 1987, and 1982 High School Graduates*, is available on the NCES website, NCES Publication #2007463. It details the number of credits earned by high school graduates in various school subject fields and by various school and graduate characteristics, including gender, race/ethnicity, academic track, type of locale, school type (public/private), and region of the country. It also contains tables covering graduation requirements, grade point averages, and NAEP 2000 mathematics and science assessment scores.

The HSTS 2005 datasets offer new possibilities for data analyses that previous HSTS datasets could not offer. Researchers can analyze relationships between the mean NAEP mathematics and science assessment scores by whether or not graduates took selected mathematics or science courses. Incorporating the HSTS 2005 datasets with the previous HSTS datasets, researchers can track courses by grade level across the transcript studies to determine whether course curricula have changed in the past 2 decades. Linking the HSTS files with the corresponding NAEP student questionnaires provides new educational-related variables for data analysis, including parents' education levels, computer usage at home and school, and time spent on homework.

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Appendix A

Disclosure Notice

APPENDIX A. DISCLOSURE NOTICE

2005 HIGH SCHOOL TRANSCRIPT STUDY

“A copy of this student’s transcript_____ will be _____ has been provided to WESTAT, agent for the U.S. Department of Education, National Center for Education Statistics (NCES). The granting of Education Department authority for collection of the transcript data has been made pursuant to the provisions of the Family Education Rights and Privacy Act (FERPA) (20 U.S.C. 1232g) as implemented by 34 CFR 99.31(a)(3)(ii) and 99.35, summarized on the back of this notice. This disclosure statement fulfills the requirements of provision 34 CFR 99.32 of FERPA.

The High School Transcript Study (HSTS), sponsored by NCES, is being conducted to collect information on current course offerings and course taking in the nation’s secondary schools. This student has been selected to participate in HSTS, and data from these records will be combined with other into statistical summaries and tables. No individually identifiable information will be released in any form.”

Appendix B

2005 HSTS School Information Form (SIF)

2005 HSTS School Information Form (SIF)

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is **1850-0789**. The time required to complete this information collection is estimated to average 30 minutes per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. **If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to:** U.S. Department of Education, Washington, D.C. 20202-4651. **If you have comments or concerns regarding the status of your individual submission of this form, write directly to:** NAEP/NCES, U.S. Department of Education, 1990 K Street N.W. Washington D.C. 2006-5651.

This report is authorized by law (P.L.107-110, 20 U.S.C. §9010). While your participation is voluntary, your cooperation is needed to make the results of the survey comprehensive, accurate, and timely. The information you provide is being collected for research purposes only and will be kept strictly confidential. OMB No. 1850-0790. Approval Expires 02/17/2008.

Instructions to Supervisors on filling out the School Information Form (SIF)

1. The SIF is in two parts. Part 1 is to be filled out over the phone with the HSTS School Coordinator. You will call the School Coordinator and tell him/her about HSTS and go through Part 1 of the form and set up a day to visit the school.
2. Part 1 of the SIF is scripted, but you may deviate from the script to address specific aspects of the study, answer questions in detail, etc.
3. One section of the SIF script is to ask the School Coordinator the name of a person at the school who is very knowledgeable about the content of the course catalog, the transcript layout, and details about classes offered at the school. Often, this person is the registrar. After you get this person's name, you should call him/her to let him/her know that you will be at the school and would like to spend some time with him or her obtaining detailed information on the school's courses. Tell him/her that you will send a questionnaire so that he/she will know what types of questions to expect when you visit. This questionnaire will contain some, but not all of the questions contained in Part 2 of the SIF.
4. You will also be asking the HSTS coordinator to send you a copy of the 2004-2005 catalog before your visit to the school, if a catalog has not already been received at Westat. Assuming that the coordinator sends you the catalog, please review the catalog and fill out as many of the Part 2 SIF questions from the catalog as you can in order to minimize the burden on the school.
5. You will visit the school on the agreed-upon date and you will meet with the School Coordinator to complete information on the SIF (such as where the administration schedule will be kept, whether the School Coordinator works in the summer, etc.) and you will obtain sample transcripts.
6. After meeting with the School Coordinator, you will meet with the registrar or other person knowledgeable about school's courses. You will spend some time filling out the remainder of Part 2 of the SIF.

Part 1 of the 2005 HSTS School Information Form (SIF)

Territory: _____ Region: _____ Area: _____
NAEP School ID: _____ NAEP Supervisor: _____ NAEP AC: _____

Materials collected prior to supervisor's call: _____

School Name: _____ School phone: _____
City, State: _____ Fax: _____
Principal: _____ Email: _____
School Coordinator (SC): _____ Web Site: _____
SC Phone Number: _____ Grade Range of School: _____
Is School Participating in NAEP? _____ Assessment Date: _____

Hello, this is [FIRST NAME, LAST NAME] from the National Assessment of Educational Progress or NAEP. I'm calling to tell you about another aspect of NAEP. It is the High School Transcript Study or HSTS. The HSTS is being conducted to provide educational policy makers with information regarding current course offerings and course-taking patterns in secondary schools. This study will also permit researchers to examine the relationship between course-taking patterns and educational achievements. We would like to designate a School Coordinator for this study, someone who is knowledgeable about the courses offered at your school.

1. Would you be the contact person or the School Coordinator for HSTS?

Yes [GO TO #2] No

If "No" Who will be the HSTS contact at the school? And at what phone number can I reach him/her?

Name: _____ Telephone number: _____

Thank you so much for your help. [END CALL]

2. I'd like to explain a little bit about the HSTS to you. Do you have about 10 minutes to talk right now?

Yes [GO TO #3] No

If "No" When is the best day and time for me to reach you to discuss this study? Again, I just need about 10 minutes.

Date: _____ Time: _____

Thank you so much. I will talk to you soon. [END CALL]

3. There are two phases to the High School Transcript Study. During phase 1 in the month of March, I would like to visit your school to collect information about your school, including course catalogs and three sample transcripts. For phase 2, in the summer, I or another HSTS representative will return to the school to obtain transcripts of those students who were selected for the math or science portion of NAEP. Absolutely no student time is involved in the study and confidentiality of the materials we collect will be strictly maintained. You will be reimbursed for all transcripts. **[IF 2004-2005 CATALOG WAS NOT SENT TO WESTAT:** At this time I'd like to collect the current course catalog for your school. Ideally, the catalog should contain all courses offered at the school including honors, vocational, remedial, special education, and off-campus courses. Our preference would be to obtain a school-level catalog with course names and content descriptions, if such a catalog is available.]

[IF CATALOG HAS NOT BEEN SENT TO WESTAT] Are copies of the current year's school-level catalog available?

Yes [GO TO #4]

No

If "No" When will they be available? Date: _____

[If no school-level catalog available, ask about obtaining another type of catalog. Please check which type of catalog is available. The order of preference with the most desirable type of catalog listed first is:

- ___ school-level catalogs that provide course names and content descriptions
- ___ district-level catalogs that provide course names and content descriptions for this particular school clearly marked
- ___ course list by department that includes general descriptions of course offerings by department
- ___ course lists without content descriptions
- ___ district-level catalogs without school-level identification

4. **[IF CATALOG HAS NOT BEEN SENT TO WESTAT]** In what format or formats is the most current catalog available – In hardcopy, on a website, or in an electronic file?

In hardcopy [GO TO #4a] On a web site [GO TO #4b] In an electronic file [GO TO #4C]

- 4a. If I send you a pre-addressed envelope, would you please send me a copy of the current course catalog?

Yes [ASK FOR ADDRESS TO MAIL ENVELOPE TO] Address: _____

- 4b. What is the web site address that lists the catalog? _____

- 4c. Would it be possible for you to email me the electronic file of the catalog? My email address is [EMAIL ADDRESS]

5. I would also like to obtain copies of the three prior years' catalogs. Again, the catalogs should contain all courses offered at the school including honors, vocational, remedial, special education, off-campus courses, distance learning courses, and ESL courses. Our preferences, if available would be school-level catalogs with course names and content descriptions. Do you think I will be able to obtain copies of the 2003-2004, 2002-2003, and 2001-2002 catalogs when I visit?

Yes No or I don't know Other (only certain years, etc.): _____

5a. In what format or formats are these catalogs available – in hardcopy, on a web site, or in an electronic file?

[CIRCLE YEARS CATALOG IS IN THIS FORMAT]

In hardcopy:	2003-2004	2002-2003	2001-2002
On a web site:	2003-2004	2002-2003	2001-2002
In an electronic file:	2003-2004	2002-2003	2001-2002

6. As I mentioned earlier, when I visit your school, I would also like to obtain three sample transcripts for students who have already graduated. Before I leave the building I will be removing identifying information from the transcripts. The sample transcripts should reflect one with regular courses, one with honors courses, and one with special education courses. If there are other special programs offered at the school (IB, performing arts, etc.), I'd appreciate seeing transcripts that include these programs [these could be the same three transcripts or different ones]. The transcripts should also include grades for course taken. Will I be able to obtain such transcripts when I visit?

Yes No

(NOTE to supervisor: if you find a school that cannot provide transcripts that meet these criteria (e.g. the school uses a standards-based transcript), please probe to see if the information can be obtained in some other fashion, If not, please notify your field manager as soon after completion of the form as possible, so that a decision about the feasibility of including this school in HSTS can be made.)

Comments: _____

7. In addition to collecting the course catalogs and transcripts, I will need to spend some time with someone at your school who is very knowledgeable about the details contained in the catalogs, the transcripts and related school information. If you are not that person, can you tell me the best person to talk to about this information? I would like to give him or her a call in advance of my visit and send him or her some information so he/she knows what to expect when I visit.

Name: _____ Telephone Number: _____

School _____ State _____ ID# _____
Please return this form to: _____ by _____ or fax to: 240-314-2381

Mathematics Textbook Form

Please list the textbooks used for all mathematics courses in your school and explain how the textbooks are used. If you have an existing list of textbooks, you may send it to us. Please add any information below that is not already included on your list.

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Mathematics Textbook Form (continued)

Course: _____

ISBN: _____

Textbook Title _____

Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____

Textbook Title _____

Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

Course: _____

ISBN: _____

Textbook Title _____

Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____

Chapters covered in course: All ___ Chapters Covered: _____

Use of Textbook: ___ Major ___ Supplementary

School _____ State _____ ID# _____
Please return this form to: _____ by _____ or fax to: 240-314-2381

Science Textbook Form

Please list the textbooks used for all science courses in your school and explain how the textbooks are used. If you have an existing list of textbooks, you may send it to us. Please add any information below that is not already included on your list.

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____

Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Science Textbook Form (continued)

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____
Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____
Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Course: _____
ISBN: _____
Textbook Title _____
Author(s)/Editor(s) _____
Edition _____ Publisher: _____ Copyright: _____
Chapters covered in course: All ___ Chapters Covered: _____
Use of Textbook: ___ Major ___ Supplementary

Part 2 of the 2005 HSTS School Information Form (SIF)

Territory: _____ Region: _____ Area: _____
NAEP School ID: _____ NAEP Supervisor: _____ NAEP AC: _____

Materials collected prior to supervisor's call: _____

School Name: _____ School Phone: _____
City, State: _____ Fax: _____
Principal: _____ Email: _____
School Coordinator (SC): _____ Web Site: _____
SC Phone Number: _____ Grade Range of School: _____
Is School Participating in NAEP? _____ Assessment Date: _____

A. Detailed Information on Course Catalogs

1. Which type(s) of catalogs were obtained? [CIRCLE YEARS CATALOG IS IN THIS FORMAT]

School-level catalogs that provide course names and content descriptions
2004-2005 2003-2004 2002-2003 2001-2002

District-level catalogs that provide course names and content descriptions for this particular school
clearly marked
2004-2005 2003-2004 2002-2003 2001-2002

Course list by department that includes general descriptions of course offerings by department
2004-2005 2003-2004 2002-2003 2001-2002

Course lists without content descriptions
2004-2005 2003-2004 2002-2003 2001-2002

District-level catalogs without school-level identification
2004-2005 2003-2004 2002-2003 2001-2002

2. Does this school include 9th grade?

Yes (GO TO #2b.)

No

2a. If no, where do most students attend 9th grade?

___ A single feeder Junior High/Middle School

___ Several Junior High/Middle Schools in the district

___ Other schools not in this district or affiliated with this school

2b. Do the high school catalogs also contain information about the 9th grade?

Yes (GO TO #4)

No

3. How can I obtain copies of catalogs with information about the 9th grade courses given by the feeder school in 2001-2002? (NOTE: If 2001-2002 catalogs are not available, obtain the oldest available catalogs, after 2001-2002. If a school has a large number of feeder schools, it may not be practical to obtain all of the 9th grade catalogs. In this case, please try to obtain the district-level catalogs.

4. Do the catalogs obtained cover all the courses available for the class of 2005 during their years at this school. (Include 9th grade courses if taken a junior/middle school.)

Yes

No

(If no, obtain any additional catalogs covering the omitted information)

5. Do the catalogs include the following course offerings?

5a. Vocational courses (circle answer)

Yes

No

If yes, how are vocational courses indicated in the catalog(s): _____

5b. Remedial courses (circle answer)

Yes

No

If yes, how are remedial courses indicated in the catalog(s): _____

5c. Honors courses (circle answer)

Yes No

If yes, how are honors courses indicated in the catalog(s): _____

5d. Special Education courses (circle answer)

Yes No

If yes, are different levels of special education (e.g. resource and self-contained) courses indicated in the catalog(s) and how are they indicated: _____

5e. Off-campus courses (circle answer)

Yes No

If yes, how are off-campus courses indicated in the catalog(s): _____

5f. ESL or bilingual courses (circle answer)

Yes No

If yes, how are ESL or bilingual courses (courses taught in a language other than English indicated in the catalog(s): _____

5g. Courses Offered through Distance Learning (Circle answer)

Yes No

If yes, how are distance-learning courses indicated in the catalog(s)? _____

6. Complete the course catalog checklist. What is the status of the checklist (circle one)?

Complete Incomplete

7. Have there been substantial changes in your course offerings between 2001-2002 and the 2004-2005 school years?

Yes No

8. Who is the best person to contact if HSTS staff have questions about the course catalogs?

School Coordinator Principal Registrar Other

Name: _____ Title: _____ Phone number: _____

15. Do these graduation requirements cover courses taken in grades 9 through 12?

Yes No

If no, please explain: _____

16. Are there grade point average (GPA) requirements for graduation?

Yes No

If yes, please explain: _____

17. Are there state or district competency tests or performance assessments that are required for graduation?

Yes No

If yes, in what content areas (e.g. Reading, Citizenship, Functional Math): _____

18. Does this school offer any special programs or serve as a Magnet School?

Yes No

18a. What types of special programs are offered? (check all that apply)

- International Baccalaureate
- Performing Arts
- Science/Technology
- Continuing Education
- Other (specify) _____

18b. When was this/were these programs established at the school?

Year: _____ Program: _____
Year: _____ Program : _____

19. Does your school use a computerized student information system?

Yes No (GO TO #20)

If Yes:

Products used: _____

Product Name: _____

Publisher or Developer (if developed in your state, district or school, so indicate): _____

Does your system:

19a. Produce electronic transcripts: Yes No

19b. Track attendance: Yes No

19c. Record standardized test scores: Yes No

19d. Record graduation dates: Yes No

19e. Record diploma types: Yes No

20. Who would be the best person to contact if HSTS staff have questions about credits, graduation requirements, special programs, or technology resources?

School Coordinator Principal Registrar Other

Name: _____ Title: _____ Phone number: _____

C. Reviewing the Transcripts – Complete this section after you have received copies of the sample transcripts

1. Sample transcripts obtained include (check all that apply)

- Regular courses
- Honors courses
- Special Education courses
- Information on other special courses

2. What type of grading system is used (e.g. A, B, C or A+, A, A-, B+, etc.)?

- A, B, C, etc.
- A+, A, A-, B+, etc.
- Pass/Fail
- Satisfactory/Unsatisfactory
- Other (please specify) _____

3. What do the letter grades or other marks stand for numerically (example, A=90-100, B= 80-90, etc.)?

Letter Grade or Alternate Symbol	Range (or description, if range not possible)
A+	
A	
A-	
B+	
B	
B-	
C+	
C	
C-	
D+	
D	
D-	
F	
Pass	
Fail	
Satisfactory	
Unsatisfactory	

Appendix C

Transcript Request Form (TRF)

APPENDIX C. TRANSCRIPT REQUEST FORM

2005 NAEP High School Transcript Study

School ID:

School Name:

Transcripts Requested:

#Transcripts Received:

National School Lunch Program
1=Student Not Eligible
2=Reduced Price Lunch
3=Free Lunch
4=Information Not Available
5=Refused
6=School Not Participating

Exit Status
A = Standard Diploma
B=Honors Diploma
C=Diploma with special education adjustments
D=Certificate of attendance
E=Still enrolled in this school
F=Dropped out
G=Other (such as transferred, GED, unknown)

2005 High School Transcript Study
Transcript Request Form (TRF)

School ID: 123-456-7
School Name: Maple High School

Student Name First, M. Last	NAEP ID	Exit Status	Transcript Received	Complete if Missing						
				Sex	Birth date	Race/ Eth	SD	LEP	Title 1	NSLP
Mary B. Abel	7777777777			F	08/87	White	N	N	N	4
Adam F. Bean	9844555555			M	09/87	Black	N	N	N	4
Susan A Cutter	2222222222			F	05/87	White	N	Y	N	4
Rich S. Danskin	2222222222			M	04/87	White	Y	N	N	4
Stuart L. Fredericks	2222222222			M	12/86	Black	N	N	N	4
Danny M. Guami	2222222222			M	01/87	Hispanic	N	N	N	4
Heather S. Hui	2222222222			F	02/87	Asian	N	Y	N	4

Appendix D

NAEP 2005 Administration Schedule

APPENDIX D. NAEP 2005 ADMINISTRATION SCHEDULE

This form must be completed in No. 2 pencil.

<p>Students with Disabilities (SD) 1 = Yes, this student has been identified as having a disability 2 = No, this student has not been identified as having a disability 9 = Information unavailable For Use in Column "F" &/or "G"</p> <p>Race/Ethnicity 1 = White, not Hispanic 2 = Black, not Hispanic 3 = Hispanic 4 = Asian/Pacific Islander 5 = American Indian/Alaska Native 6 = Other 9 = Information unavailable For Use in Column "J"</p> <p>Title I 1 = Yes, student receives Title I services 2 = No, student does not receive Title I services 9 = Information unavailable For Use in Column "L"</p>	<p>Limited English Proficient (LEP) 1 = Yes, LEP 2 = No, not LEP 3 = Formerly LEP (monitored for AYP reporting) 9 = Information unavailable For Use in Column "H" &/or "I"</p> <p>National School Lunch Program 1 = Student not eligible 2 = Free lunch 3 = Reduced price lunch 4 = School not participating 5 = School refused 9 = Information unavailable For Use in Column "K"</p> <p>Session Number</p> <p>Bundle #'s</p>
--	---



<p>NAEP 2005 Administration Schedule</p>	<p>TO BE ASSESSED</p>	<p>Bundle #'s</p>	<p>Session Number</p>
<p># Original Sample + # Selected New Enrollees = Total in Sample</p>		<p># Absent (Admin. Codes 40-45, 48 & 49) + # Assessed (Original Session) + # Assessed (Makeup Session) = TOTAL ASSESSED</p>	<p>If Makeup Needed Makeup Held <input type="radio"/> Makeup Not Held <input type="radio"/></p>

D-1

Column Indicators: "A"		"B"	"C"		"D"		"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"		"O"		"P"	"Q"	"R"	
Student Name		Home/room or Other Locator	Line #/Subject	Birth Date		Sex	SD	Final SD Code	LEP	Final LEP Code	Race/Eth.	School Lunch	Title I	New Enrollee 1=Yes 2=No	Original Booklet ID #	Accommodation Booklet ID #	Admin. Code	Atten. (✓/A)	Admin. Codes				
01			01																1	ASSESSED IN ORIGINAL			
02			02																2	ASSESSED IN MAKEUP			
03			03																3	ASSESSED IN MAKEUP			
04			04																4	ABSENT			
05			05																5	ABSENT			
06			06																6	ABSENT			
07			07																7	OTHER			
08			08																8	OTHER			
09			09																9	REASONS FOR EXCLUSION			
10			10																10	REASONS FOR EXCLUSION			
11			11																11	REASONS FOR EXCLUSION			
12			12																12	ASSESSED WITH ACCOMMODATIONS			
13			13																13	ASSESSED WITH ACCOMMODATIONS			
14			14																14	ASSESSED WITH ACCOMMODATIONS			
15			15																15	ASSESSED WITH ACCOMMODATIONS			

- 10 = In session full time
- 11 = No responses in booklet
- 12 = In session part time
- 13 = Session incomplete
- 14 = Other, specify on cover
- 20 = In session full time
- 21 = No responses in booklet
- 22 = In session part time
- 23 = Session incomplete
- 24 = Other, specify on cover
- 40 = Temporary
- 41 = Long-term
- 42 = Chronic truant
- 43 = Suspended or expelled
- 44 = In school, did not attend
- 45 = Disruptive behavior
- 46 = Parent refusal
- 47 = Student refusal
- 48 = Other, specify on cover
- 49 = Session Refused
- 51 = Withdrawn/Graduated
- 52 = Unassigned book (unused)
- 54 = Ineligible, home schooled
- 55 = Ineligible, other
- 56 = Not in sample
- 60 = SD - Cannot be assessed
- 61 = SD - Required accom. not offered
- 62 = LEP - Cannot be assessed
- 63 = LEP - Required accom. not offered
- 64 = SD & LEP - Cannot be assessed
- 65 = SD & LEP - Required accom. not offered
- 66 = Excluded but assessed
- 70 = Bilingual glossary
- 71 = Bilingual booklet
- 72 = Bilingual dictionary (Do not use with reading booklet)
- 73 = Large-print book
- 74 = Extended time in regular session
- 75 = Read aloud in regular session (Do not use with reading booklet)
- 76 = Small group
- 77 = One-on-one
- 78 = Scribe or use of computer
- 79 = Other, specify on cover
- 80 = Breaks during test
- 81 = Magnification device
- 82 = School staff administers

Column Indicators: "A"		"B"	"C"		"D"		"E"	"F"	"G"	"H"	"I"	"J"	"K"	"L"	"M"	"N"		"O"		"P"	"Q"	"R"			
Student Name		Home/room or Other Locator	Line #/ Subject	Birth Date		Sex 1=Male 2=Female	SD	Final SD Code	LEP	Final LEP Code	Race/Eth.	School Lunch	Title I	Min. English Prof. Skills	Original Booklet ID #	Accommodation Booklet ID #	Admin. Code	Atten. (✓/A)	Admin. Codes						
16			16																		16	ASSESSED IN ORIGINAL 10 = In session full time 11 = No responses in booklet 12 = In session part time 13 = Session incomplete 14 = Other, specify on cover			
17			17																			17	ASSESSED IN MAKEUP 20 = In session full time 21 = No responses in booklet 22 = In session part time 23 = Session incomplete 24 = Other, specify on cover		
18			18																				18	ASSESSED IN MAKEUP 20 = In session full time 21 = No responses in booklet 22 = In session part time 23 = Session incomplete 24 = Other, specify on cover	
19			19																				19	ABSENT 40 = Temporary 41 = Long-term 42 = Chronic truant 43 = Suspended or expelled 44 = In school, did not attend 45 = Disruptive behavior 46 = Parent refusal 47 = Student refusal 48 = Other, specify on cover 49 = Session Refused	
20			20																				20	ABSENT 40 = Temporary 41 = Long-term 42 = Chronic truant 43 = Suspended or expelled 44 = In school, did not attend 45 = Disruptive behavior 46 = Parent refusal 47 = Student refusal 48 = Other, specify on cover 49 = Session Refused	
21			21																				21	ABSENT 40 = Temporary 41 = Long-term 42 = Chronic truant 43 = Suspended or expelled 44 = In school, did not attend 45 = Disruptive behavior 46 = Parent refusal 47 = Student refusal 48 = Other, specify on cover 49 = Session Refused	
22			22																				22	OTHER 51 = Withdrawn/Graduated 52 = Unassigned book (unused) 53 = Ineligible, home schooled 54 = Ineligible, other 55 = Not in sample	
23			23																				23	OTHER 51 = Withdrawn/Graduated 52 = Unassigned book (unused) 53 = Ineligible, home schooled 54 = Ineligible, other 55 = Not in sample	
24			24																				24	REASONS FOR EXCLUSION 60 = SD - Cannot be assessed 61 = SD - Required accom. not offered 62 = LEP - Cannot be assessed 63 = LEP - Required accom. not offered 64 = SD & LEP - Cannot be assessed 65 = SD & LEP - Required accom. not offered 66 = Excluded but assessed	
25			25																				25	REASONS FOR EXCLUSION 60 = SD - Cannot be assessed 61 = SD - Required accom. not offered 62 = LEP - Cannot be assessed 63 = LEP - Required accom. not offered 64 = SD & LEP - Cannot be assessed 65 = SD & LEP - Required accom. not offered 66 = Excluded but assessed	
26			26																				26	REASONS FOR EXCLUSION 60 = SD - Cannot be assessed 61 = SD - Required accom. not offered 62 = LEP - Cannot be assessed 63 = LEP - Required accom. not offered 64 = SD & LEP - Cannot be assessed 65 = SD & LEP - Required accom. not offered 66 = Excluded but assessed	
27			27																				27	ASSESSED WITH ACCOMMODATIONS 70 = Bilingual glossary 71 = Bilingual booklet 72 = Bilingual dictionary (Do not use with reading booklet) 73 = Large-print book 74 = Extended time in regular session 75 = Read aloud in regular session (Do not use with reading booklet) 76 = Small group 77 = One-on-one 78 = Scribe or use of computer 79 = Other, specify on cover 80 = Breaks during test 81 = Magnification device 82 = School staff administrators	
28			28																				28	ASSESSED WITH ACCOMMODATIONS 70 = Bilingual glossary 71 = Bilingual booklet 72 = Bilingual dictionary (Do not use with reading booklet) 73 = Large-print book 74 = Extended time in regular session 75 = Read aloud in regular session (Do not use with reading booklet) 76 = Small group 77 = One-on-one 78 = Scribe or use of computer 79 = Other, specify on cover 80 = Breaks during test 81 = Magnification device 82 = School staff administrators	
29			29																				29	ASSESSED WITH ACCOMMODATIONS 70 = Bilingual glossary 71 = Bilingual booklet 72 = Bilingual dictionary (Do not use with reading booklet) 73 = Large-print book 74 = Extended time in regular session 75 = Read aloud in regular session (Do not use with reading booklet) 76 = Small group 77 = One-on-one 78 = Scribe or use of computer 79 = Other, specify on cover 80 = Breaks during test 81 = Magnification device 82 = School staff administrators	
30			30																				30	ASSESSED WITH ACCOMMODATIONS 70 = Bilingual glossary 71 = Bilingual booklet 72 = Bilingual dictionary (Do not use with reading booklet) 73 = Large-print book 74 = Extended time in regular session 75 = Read aloud in regular session (Do not use with reading booklet) 76 = Small group 77 = One-on-one 78 = Scribe or use of computer 79 = Other, specify on cover 80 = Breaks during test 81 = Magnification device 82 = School staff administrators	
31			31																				31	ASSESSED WITH ACCOMMODATIONS 70 = Bilingual glossary 71 = Bilingual booklet 72 = Bilingual dictionary (Do not use with reading booklet) 73 = Large-print book 74 = Extended time in regular session 75 = Read aloud in regular session (Do not use with reading booklet) 76 = Small group 77 = One-on-one 78 = Scribe or use of computer 79 = Other, specify on cover 80 = Breaks during test 81 = Magnification device 82 = School staff administrators	
32			32																				32	ASSESSED WITH ACCOMMODATIONS 70 = Bilingual glossary 71 = Bilingual booklet 72 = Bilingual dictionary (Do not use with reading booklet) 73 = Large-print book 74 = Extended time in regular session 75 = Read aloud in regular session (Do not use with reading booklet) 76 = Small group 77 = One-on-one 78 = Scribe or use of computer 79 = Other, specify on cover 80 = Breaks during test 81 = Magnification device 82 = School staff administrators	
33			33																				33	ASSESSED WITH ACCOMMODATIONS 70 = Bilingual glossary 71 = Bilingual booklet 72 = Bilingual dictionary (Do not use with reading booklet) 73 = Large-print book 74 = Extended time in regular session 75 = Read aloud in regular session (Do not use with reading booklet) 76 = Small group 77 = One-on-one 78 = Scribe or use of computer 79 = Other, specify on cover 80 = Breaks during test 81 = Magnification device 82 = School staff administrators	
34			34																				34	ASSESSED WITH ACCOMMODATIONS 70 = Bilingual glossary 71 = Bilingual booklet 72 = Bilingual dictionary (Do not use with reading booklet) 73 = Large-print book 74 = Extended time in regular session 75 = Read aloud in regular session (Do not use with reading booklet) 76 = Small group 77 = One-on-one 78 = Scribe or use of computer 79 = Other, specify on cover 80 = Breaks during test 81 = Magnification device 82 = School staff administrators	

This form must be completed in No. 2 pencil.



Appendix E

Documentation of Missing Transcripts

Appendix F

Summary of School Activities



2005 High School Transcript Study Summary of School Activities

What is the NAEP High School Transcript Study?

The NAEP High School Transcript Study (HSTS), sponsored by the National Center for Education Statistics (NCES), is a periodic survey of transcripts of high school graduates. These studies serve as a barometer for changes in high school student coursetaking patterns, which, in combination with school course offerings, provide valuable information about the rigor of high school curricula across the nation. In addition, this study provides an opportunity to examine the relationship between coursetaking patterns and educational achievement through the link to National Assessment of Educational Progress (NAEP) proficiency data.

The 2005 HSTS is the sixth NAEP transcript study. Additional transcript studies were conducted by NCES with longitudinal studies (i.e., High School and Beyond and the National Education Longitudinal Study of 1988). The HSTS school sample includes public and nonpublic schools in the NAEP 2005 sample. As with the previous studies, no student or teacher time is involved.

What is the Schedule for HSTS 2005 Activities?

Phase 1: September 2004 – March 2005, Preliminary Activities

- A NAEP representative will call each sampled school to discuss the details of the HSTS.
- A NAEP representative will go to sampled high schools on the NAEP assessment day and will place a disclosure notice in the sampled students' files to assist with identifying the student population for whom transcripts will be obtained. This notice will include the provisions from the Family Education Rights and Privacy Act (FERPA), which explain the disclosure safeguards that grant NAEP the authority to obtain transcript information.

- Course catalogs and/or course lists will be requested for the current school year (2004-2005) and for the preceding 3 years (2003-2004, 2002-2003, and 2001-2002).
- Three (3) sample transcripts will be requested. One should include honors courses, one special education courses, and one with regular courses.
- The NAEP representative will review all materials and will ask questions necessary to understand the transcripts and course catalogs.

Phase 2: June – October 2005, Collection of Transcripts

- A NAEP representative will return to each sampled school to collect copies of transcripts for the sampled students.

What are the Key Aspects of the 2005 High School Transcript Study?

- **NO STUDENT OR TEACHER TIME IS INVOLVED** (NAEP staff will work with school personnel to minimize as much of the burden as possible).
- Confidentiality (students' names and all other identifying information will be removed or masked before removing copies of transcripts from the school).
- No cost to schools (NAEP will pay the school's usual charge for providing transcripts).
- Parental notification (not required by NAEP or No Child Left Behind).

Where Can I Find More Information about the High School Transcript Study?

More information about the NAEP high school transcript studies can be found by visiting the NAEP web site at <http://nces.ed.gov/nationsreportcard/hsts/>.



NAEP is administered by the National Center for Education Statistics
U.S. Department of Education • Institute of Education Sciences

Appendix G

Letter to NAEP School Coordinator

APPENDIX G. LETTER TO NAEP SCHOOL COORDINATOR



1650 Research Boulevard • Rockville, Maryland 20850-3195
tel. 301-251-1500 • fax 301-294-2040 • www.westat.com

March 2005

Dear NAEP School Coordinator:

As described in previous mailings to your school, the 2005 High School Transcript Study is being conducted in conjunction with the 2005 National Assessment of Educational Progress (NAEP). The purpose of this study is to supply data to educational researchers and policy analysts on course-taking patterns and to examine the relationship of these patterns to achievement in secondary schools sampled in the 2005 NAEP. NAEP schools are included in the sample in order that NAEP data and transcript data can be linked. The participation of all selected schools is needed to make the results of the transcript study comprehensive, accurate, and timely.

The activities for Phase 1 of this study will be conducted this winter and spring, and will include collecting course catalogs and sample transcripts from your school. For phase 2 of this study in the summer of 2005, a NAEP representative will return to the school to collect the requested transcripts.

The granting of U.S. Department of Education authority for collection of the transcript data has been made pursuant to the provisions of the Family Education Rights and Privacy Act (FERPA) (20 U.S.C. 1232g), as implemented by 34 CFR 99.31 (a)(3)(ii) and 99.35. These laws and regulations permit an educational agency to disclose records to authorized representatives of the Secretary of Education without the prior consent of the survey participants in connection with the audit and evaluation of Federal and State supported education programs. The privacy of the information schools are asked to supply to NAEP and the High School Transcript Study will be protected as required by FERPA and will be further protected by the removal of names and other identifying information. A copy of the relevant section of FERPA regulations will be provided to you prior to the collection of any transcripts.

I would appreciate your cooperation in this important component of the 2005 NAEP. If you have any questions about the study or its procedures, please contact me at (800) 283-6237.

Sincerely,

Nancy W. Caldwell
Westat Project Director for NAEP

Appendix H

Transcript Format Checklist

APPENDIX H. TRANSCRIPT FORMAT CHECKLIST

NAEP School ID: _____

Supervisor: _____

Transcript Format Checklist

Marked	Not Marked	Not on Transcript	
			1. Student's birthdate
			2. Student's race/ethnicity
			3. Student's gender
			4. Student's IEP/LEP status
			5. Student's graduation date
			6. Years attending this school
			7. Type of diploma awarded
			8. When a course was taken (year and semester)
			9. For a single course:
			a. course name
			b. number of credits
			c. length of course (year, semester, trimester)
			d. level of course (honors, remedial, special edu., regular)
			e. taught in another language (or ESL course)
			f. vocational courses
			g. location, if not taught at this school site
			10. Total number of credits received
			11. "Weighting" of course credits/grades (for honors or remedial levels)
			12. Are abbreviations or codes used on the transcripts? If so, indicate on the back of this form what they are and what they mean for those that are not obvious

Appendix I

Course Catalog Checklist

APPENDIX I. COURSE CATALOG CHECKLIST

NAEP School ID: _____

School Name: _____

Supervisor: _____

COURSE CATALOG CHECKLIST

Record each catalog title and check off all items which are identified in the course description materials you have collected.

School Level Materials

School Year	Catalog Title	Course Title	Course Number	Course Credits	Course Description	Course Level ¹	Special Codes ²	Special Programs ³
1996-97								
1997-98								
1998-99								
1999-00								

District Level Materials

School Year	Catalog Title	Course Title	Course Number	Course Credits	Course Description	Course Level ¹	Special Codes ²	Where Offered ⁴
1996-97								
1997-98								
1998-99								
1999-00								

¹ Identified as Regular, Honors, A.P, Remedial, Special Education, ESL?

² Does the catalog describe what codes mean?

³ Are Special Programs (Sp. Ed, IB, Vocational, etc.) included in this catalog?

⁴ Does the district catalog identify courses offered at the sampled HSTS school?

Appendix J

Shipping Transmittal Form – Phase 2

APPENDIX J. SHIPPING TRANSMITTAL FORM – PHASE 2

938442

**2005 HSTS – Shipping Transmittal Form – Phase 2
(Instructions: Fill out for each school and shipment)**

School ID #: _____ School Name: _____
Supervisor: _____ School Shipment for Phase 2
Date Shipped: _____ Source of Sample: NAEP List
 New Sample

1. TRANSCRIPTS

- A. Total number requested _____
- B. Number in this shipment _____
- C. Number unavailable _____
- D. Number to be sent _____ Estimated shipping date: _____

If School did Not Participate in NAEP, Complete the Following:

2. SCHOOL INFORMATION FORM (SIF):

- In this shipment
- To be shipped

3. COURSE CATALOG CHECKLIST:

- In this shipment

4. TRANSCRIPT FORMAT CHECKLIST:

- In this shipment

5. COURSE CATALOG (check one for each year):

- | 2004-2005 | 2003-2004 | 2002-2003 | 2001-2002 |
|---|---|---|---|
| <input type="checkbox"/> In this shipment |
| <input type="checkbox"/> To be shipped |
| <input type="checkbox"/> Unavailable | <input type="checkbox"/> Unavailable | <input type="checkbox"/> Unavailable | <input type="checkbox"/> Unavailable |

6. SCHOOL QUESTIONNAIRE:

- In this shipment
- To be shipped
- Unavailable

7. SD AND LEP QUESTIONNAIRES:

- A. Total number requested _____
- B. Number in this shipment _____
- C. Number unavailable _____
- D. Number to be sent _____

Appendix K

School Background Questionnaire

APPENDIX K. SCHOOL BACKGROUND QUESTIONNAIRE



School Background Questionnaire

2005
Grade 12



School Questionnaire – Grade 12

This questionnaire should be completed by the principal or the head of the school.

Some of the questions that follow ask you to fill in specific numbers. For those questions, please print the appropriate numbers in the boxes provided. Please PRINT LEGIBLY. Using one number per box, fill in every box. Keep all printing within the boxes. Do not make any stray marks. Use only a No. 2 pencil.

Example:

150 would be written as

Examples of numerals are:

Part I: School Characteristics and Policies

VB337248

1. What grades are taught in your school? Fill in **all** ovals that apply.

- Pre-kindergarten
- Kindergarten
- 1st grade
- 2nd grade
- 3rd grade
- 4th grade
- 5th grade
- 6th grade
- 7th grade
- 8th grade
- 9th grade
- 10th grade
- 11th grade
- 12th grade

VB5561e5

2. Do all students in your school follow the same school calendar?

- Yes → *Go to Question 3*
- No → *Skip to Question 4*

VB607891

3. Please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005.

, hours of instruction as of February 1, 2005



VB607892

4. For each group of students following a separate calendar, please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005.

First group: , hours of instruction as of February 1, 2005 VB607893

Second group: , hours of instruction as of February 1, 2005 VB607894

Third group: , hours of instruction as of February 1, 2005 VB607895

VB887250

5. What is the current enrollment in your school?

,

VB887256

6. Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?

- 0%
- 1-5%
- 6-10%
- 11-25%
- 26-50%
- 51-75%
- 76-90%
- Over 90%

Q0070744

7. What type of school is this? Fill in ovals for **all** that apply.

- Regular secondary school
- A regular school with a magnet program
- A magnet school or a school with a special program emphasis, e.g., science/math school, performing arts high school, talented/gifted school, foreign language immersion school, etc.
- Special education: a school that primarily serves students with disabilities
- Vocational/technical: a school that primarily serves students being trained for occupations
- Alternative: a school that offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special education, or vocational
- Private (independent)
- Private (religiously affiliated)
- Charter school
- Privately run public school
- Other _____

HE002094

8. Does your school participate in the National School Lunch Program?

- Yes → *Go to Question 9*
- No → *Skip to Question 12*

VB556173

9. How does the school operate the program?

- Student eligibility is determined individually, and eligible students receive free or reduced-price lunch. → *Go to Question 11*
- All students in school receive free lunch under special provisions (e.g., Provision 2 or 3). → *Go to Question 10*



VB08486

10. If your school distributes free lunch to all students under Provision 2 or 3, what was the base year during which individual student eligibility was collected?

- Ⓐ This school does not distribute free lunch to all students under Provision 2 or 3—eligibility is determined annually.
- Ⓑ 2004
- Ⓒ 2003
- Ⓓ 2002
- Ⓔ 2001
- Ⓕ 2000
- Ⓖ 1999 or earlier

VB08487

11. During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?

- Ⓐ 0%
- Ⓑ 1–5%
- Ⓒ 6–10%
- Ⓓ 11–25%
- Ⓔ 26–34%
- Ⓕ 35–50%
- Ⓖ 51–75%
- Ⓗ 76–99%
- Ⓘ 100%

VB618888

12. Does your school receive Title I funding? (Title I is a federally funded program which provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)

- A No
- B Yes, our school receives funds, which are targeted to eligible students.
- C Yes, our school receives funds, which are used for schoolwide purposes.

VB485284

13. Approximately what percentage of students in your school receives the following services? Fill in **one** oval on each line. Students who receive more than one service should be counted for each service they receive. Please report the percentage of students who receive each of the following services as of the day you respond to this questionnaire.

	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%	
a. Targeted Title I services	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	<input type="radio"/> G	<input type="radio"/> H	VB610145
b. Advanced Placement, International Baccalaureate, and honors courses	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	<input type="radio"/> G	<input type="radio"/> H	VB610146
c. Instruction provided in student's home language (non-English)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	<input type="radio"/> G	<input type="radio"/> H	VB485287
d. English-as-a-second-language (not in a bilingual education program)	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	<input type="radio"/> G	<input type="radio"/> H	VB485288
e. Special education	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E	<input type="radio"/> F	<input type="radio"/> G	<input type="radio"/> H	VB485289





VB3

14. Of students in last year's graduating class, approximately what percentage has gone on to each of the following types of school? Fill in **one** oval on each line.

	None	1-5%	6-10%	11-25%	26-50%	51-75%	76-90%	Over 90%	
a. Two-year colleges	<input type="radio"/>	VB3							
b. Four-year colleges or universities	<input type="radio"/>	VB3							
c. Vocational-technical or business schools	<input type="radio"/>	VB3							

Part II: Mathematics

VB543384

1. Beginning with ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in mathematics for graduation this year?

- Ⓐ None
- Ⓑ One-half year
- Ⓒ One year
- Ⓓ Two years
- Ⓔ Three years
- Ⓕ Four years
- Ⓖ More than four years

QK070745

2. Are courses of at least one semester in length taught in your school in each of the following subjects? Fill in **one** oval on each line.

	Yes	No	
a. Pre-calculus, third-year algebra, or elementary functions and analysis	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VB543396
b. Trigonometry	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	QK070750
c. Advanced Placement Calculus AB	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VB543387
d. Advanced Placement Calculus BC	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VB543389
e. Calculus (other than those listed above)	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VB543386
f. Advanced Placement Statistics	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VB543390
g. Probability and/or statistics (other than those listed above)	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VB543397
h. Advanced Placement Computer Science	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VB543393
i. Computer science (other than those listed above)	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	VB543392





3. Does your school offer **online** mathematics **test preparation** courses for students in your school?

VB543424

- Yes
- No

4. Does your school offer **online** mathematics courses **for credit**?

VB543425

- Yes
- No

Part III: Reading and Science

1. Beginning in the ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in each of the following subject areas for graduation this year? Fill in **one** oval on each line.

VB482741

	None	One-half year	One year	Two years	Three years	Four years	More than four years
--	------	---------------	----------	-----------	-------------	------------	----------------------

a. Reading/English/language arts

A B C D E F G

VB482843

b. Science

A B C D E F G

VB607897

2. During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? Fill in **one** oval on each line.

VB380370

	Not at all	Small extent	Moderate extent	Large extent
--	------------	--------------	-----------------	--------------

a. Use of language arts across the curriculum

A B C D

VB380371

b. Interpreting and analyzing literature

A B C D

VB380372

c. Understanding the process of reading or writing

A B C D

VB380373

d. Instructional strategies for teaching language arts

A B C D

VB380374



3. Are courses of at least one semester in length taught in your school in each of the following subjects? Fill in **one** oval on each line.

Q3070745

- | | Yes | No | |
|---|-----------------------|-----------------------|----------|
| a. Advanced biology (beyond an introductory course) | <input type="radio"/> | <input type="radio"/> | Q3070746 |
| b. Advanced chemistry (beyond an introductory course) | <input type="radio"/> | <input type="radio"/> | Q3070747 |
| c. Advanced physics (beyond an introductory course) | <input type="radio"/> | <input type="radio"/> | Q3070748 |

Part IV: U.S. History and Civics

For the purpose of this questionnaire, “civics” means the study of basic concepts about the theory and practice of constitutional democracy in the United States. Also included is the development of intellectual and participatory civic skills, as well as the disposition to assume the rights and responsibilities of individuals in society.

- VB33K95
1. For students who will graduate this year, what is the total number of years (or Carnegie-unit equivalents) of coursework that your school or district requires in social studies? (Count only requirements for courses taken in grades 9 through 12.)
- Ⓐ None
 - Ⓑ One-half year
 - Ⓒ One year
 - Ⓓ Two years
 - Ⓔ Three years
 - Ⓕ Four years
 - Ⓖ More than four years

- VB33K96
2. Of the years required for social studies, how many years (or Carnegie-unit equivalents) of coursework does your school or district require in each of the following subjects? Fill in **one** oval on each line.

	None	One-half year	One year	Two years	Three years	Four years	
a. A course primarily focused on U.S. history	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	<input type="radio"/> Ⓕ	VB33K97
b. A course primarily focused on civics or government	<input type="radio"/> Ⓐ	<input type="radio"/> Ⓑ	<input type="radio"/> Ⓒ	<input type="radio"/> Ⓓ	<input type="radio"/> Ⓔ	<input type="radio"/> Ⓕ	VB60788



3. At what grade do students in your school typically take the following courses? Fill in **all** ovals that apply.

VB388399

	9th grade	10th grade	11th grade	12th grade	This course is not offered in my school	
a. A course primarily focused on U.S. history	<input type="radio"/>	VB338420				
b. A course primarily focused on civics or government	<input type="radio"/>	VB407899				

4. How many students in your school are currently enrolled in Advanced Placement courses in each of the following subjects? Fill in **one** oval on each line.

VB407901

	None	1-5	6-10	11-25	26-50	More than 50	
a. U.S. History	<input type="radio"/>	VB410142					
b. U.S. Government and Politics	<input type="radio"/>	VB410143					

Part V: Economics

For the purposes of this questionnaire, “economics” means the study of the basic problem of limited resources and how people choose to use these resources.

Economics may be taught from an academic perspective, or it may be taught in an applied context, including:

- An individual and household context, including decisions about earning, saving, and personal financial challenges
- A business context, with a focus on entrepreneurs, workers, producers, and investors
- A public context, including government, policy, citizenship, and domestic and international organizations





VBd07187

1. Which of the following **economics-related courses** are offered in your school? Please include courses that were offered this year or last year. Fill in **all** ovals that apply.

	Not offered	Offered as			
		Partial semester course	Full semester course or equivalent	Full year course	
a. Economics course (general course other than Advanced Placement, International Baccalaureate, or honors economics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07188
b. Government and economics course (combined course)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07189
c. Consumer economics or personal finance course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07190
d. Advanced Placement Economics course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07191
e. International Baccalaureate Economics course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07192
f. Honors economics course (other than Advanced Placement or International Baccalaureate Economics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07193
g. Business course such as entrepreneurship, marketing, or business principles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07194
h. Any other economics course (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07195
i. Any other course that includes an extended (at least 8-week long) unit on economics (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBd07196

2. By the time they graduate, what percentage of the students in your school will have taken at least one semester of each of the following courses? Fill in **one** oval on each line.

	None/ course not offered	10% or less	11–25%	26–50%	51–75%	76% or more	
a. Economics course (general course other than Advanced Placement, International Baccalaureate, or honors economics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607198
b. Government and economics course (combined course)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607199
c. Consumer economics or personal finance course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607200
d. Advanced Placement Economics course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607201
e. International Baccalaureate Economics course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607442
f. Honors economics course (other than Advanced Placement or International Baccalaureate Economics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607443
g. Business course such as entrepreneurship, marketing, or business principles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607444
h. Any other economics course (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607445
i. Any other course that includes an extended (at least 8-week long) unit on economics (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607446





VB607447

3. Are general education students and special education students **required** to take at least one semester of any of the following economics-related courses **for graduation**? Fill in **all** ovals that apply.

	Yes, general education students	Yes, special education students	No	
a. Economics course (general course including Advanced Placement, International Baccalaureate, or honors economics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607448
b. Government and economics course (combined course)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607449
c. Consumer economics or personal finance course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607450
d. Business course such as entrepreneurship, marketing, or business principles	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607451
e. Any other economics course (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607452
f. Any other course that includes an extended (at least 8-week long) unit on economics (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607453
g. At least one economics-related course, that students choose from among a variety of courses such as those listed above	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VB607454

4. Can students choose to take an economics course (from among a variety of other social studies courses) to fulfill a general social studies graduation requirement? VB07455

- Yes
- No

5. Are students in your school required to pass a district or state standardized test **on economics** in order to graduate? Fill in **all** ovals that apply. VB07456

- Yes, a district test
- Yes, a state test
- No

6. Are students in your school required to pass a district or state standardized test **that includes questions about economics** as well as questions about other subject areas in order to graduate? Fill in **all** ovals that apply. VB07457

- Yes, a district test
- Yes, a state test
- No





VBs07458

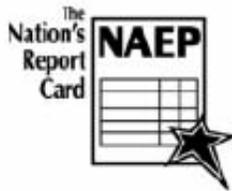
7. Are any of the following **co-curricular activities** related to economics available through your school? They could be part of a class or offered as an extracurricular activity. Fill in **one** oval on each line.

	Available	Not available	Don't know	
a. Future Business Leaders of America (FBLA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07459
b. DECA (an association of marketing students)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07460
c. Junior Achievement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07461
d. Investment club	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07462
e. Fed Challenge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07463
f. Economics Challenge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07464
g. The Academic Decathlon	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07465
h. Stock market game/simulation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07466
i. Student managed school store	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07467
j. Student managed credit union or bank	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07468
k. Other (specify) _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	VBs07469

Appendix L

2005 SD Questionnaire

APPENDIX L. 2005 SD QUESTIONNAIRE



Admin Schedule Line # _____ from Session # _____

2005 SD Questionnaire

Q-991

To be completed by the staff member most knowledgeable about a student identified as SD.
 Use a #2 pencil to complete this questionnaire.

NAEP Subject to be Assessed
 (from column C on Admin Schedule)

Please respond to the subject-specific questions based on the subject of the student's booklet.

- CMCS
- Economics
- Math
- Reading
- Science
- US History

Student Demographic Information
 (from columns D through J on Administration Schedule)

Birth Date Sex SD LEP R/E

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Month	Year	1 = Male 2 = Female	1 = Yes 2 = No	1 = Yes 2 = No	3 = FLEP

Student Booklet ID
 (from column N on Administration Schedule)

<input type="text"/>							
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

SCHOOL #

<input type="text"/>					
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

DO NOT USE

<input type="text"/>	<input type="text"/>	<input type="text"/>
0	1	2
3	4	5
6	7	8
9	*	#

ADMIN USE ONLY

<input type="text"/>	<input type="text"/>	<input type="text"/>
0	1	2
3	4	5
6	7	8
9	*	#

According to the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless such collection displays a valid OMB control number. The valid OMB control number for this information collection is **1850-0790**. The time required to complete this information collection is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering the data needed, and completing and reviewing the information collection. **If you have any comments concerning the accuracy of the time estimate(s) or suggestions for improving this form, please write to: U.S. Department of Education, Washington, D.C. 20307-9651. If you have comments or concerns regarding the status of your individual submission of this form, write directly to: NAEP/WGES, U.S. Department of Education, 1950K Street N.W., Washington, D.C. 20396-9651.**

A project of the Institute of Education Sciences.
 This report is authorized by law (PL 107-110, 20 U.S.C. §2012). While your participation is voluntary, your cooperation is needed to make the results of the survey comprehensive, accurate, and timely. All responses that relate to or describe identifiable characteristics of teachers or schools may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose, unless otherwise compelled by law. OMB No. 1850-0790 • Approval Expires 04/30/2007
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UNITED STATES DEPARTMENT OF EDUCATION

Dear Principal or Administrator:

Thank you for allowing your school to participate in the 2004 National Assessment of Educational Progress (NAEP). These assessments are vital to measuring the academic skills and progress of the students in our nation and in each state.

As you know, the Individuals with Disabilities Education Act (IDEA) requires that all students with disabilities participate in state and district wide assessment programs through regular assessments, including with appropriate accommodations when necessary, or alternate assessments. The No Child Left Behind Act (NCLB) likewise requires the participation of students with disabilities in the student academic assessments required under that Act, and also requires that limited-English-proficient students, as well as other groups of students, participate in these state assessments. NCLB allows for reasonable accommodations on assessments administered to limited-English-proficient students. Although federal law does not explicitly specify similar requirements regarding the participation of students with disabilities and limited-English-proficient students in NAEP, the NAEP program has been working very hard to make its sample of students taking the assessments as representative as possible of all students. We are asking you to ensure that the greatest possible number of students with disabilities and limited-English-proficient students in your school, who are selected to participate, do in fact take the assessments.

Please keep in mind that NAEP does not produce results for individual students or schools, as your state or district tests might. All results are summarized only at the national and state levels (and for a few large urban districts). In other words, the NAEP assessments do not impose consequences for the student or the school, and are instead intended purely to provide a picture of educational performance and progress.

We want to include as many students as possible in the picture NAEP provides for us. For this reason, we ask you to do all you can to help ensure the participation of students who are selected for NAEP whenever possible, including students with disabilities and limited-English-proficient students. Students taking the NAEP are able to use most of the testing accommodations they usually receive in other tests (e.g., extended time, small group testing). Most students with disabilities and limited-English-proficient students are indeed able to participate in NAEP with their fellow students.

NAEP is one of the most visible and important indicators of educational performance in this country, and we very much appreciate your support in making NAEP as inclusive as possible.

Maria Hernandez Ferrier
Maria Hernandez Ferrier, Ed. D
Deputy Under Secretary
Office of English Language Acquisition

Troy R. Justesen
Troy R. Justesen, Ed. D.
Delegated the authority
to perform the functions of
Assistant Secretary for Special
Education and Rehabilitative Services

400 MARYLAND AVE., S.W., WASHINGTON, D.C. 20202-4614
www.ed.gov

Our mission is to ensure equal access to education and to promote educational excellence throughout the Nation.

BRMS-SD

Page 2

08/23/04 GJ





NAEP Questionnaire Regarding Students with a Disability (SD)

Some students in your school have been selected, as part of a representative sample of students across the country, to take part in the National Assessment of Educational Progress (NAEP). The current NAEP assessment focuses on students' performance in civics, economics, mathematics, reading, science, and U.S. history. As part of the assessment, NAEP collects background information about students, their teachers, and their school that may be related to students' academic performance.

In order to obtain a complete picture of educational progress for all students, it is important to collect supplemental information on students in the sample who have been identified as having a physical or mental disability—whether they will be assessed or not. Students with disabilities include those who have an individual education plan (IEP), Section 504 plan, or equivalent documentation for reasons other than gifted or talented. We are asking you to complete this questionnaire about one of those students.

NAEP is authorized under Public Law 107-110. While your participation is voluntary, your responses to these questions are needed to make this survey accurate and complete. All responses that relate to or describe identifiable characteristics of teachers or schools may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purposes, unless otherwise compelled by law.

Thank you very much for your help.

INSTRUCTIONS FOR FILLING OUT QUESTIONNAIRE

Please complete this questionnaire for the student named on the front cover. If the student named on the front cover does not meet the definition for a student with a disability, or if you do not know about the student's disability, instruction, and assessment, please return this questionnaire to the NAEP school coordinator.

Please answer questions directly on this questionnaire with a number 2 pencil by filling in the appropriate ovals and, if necessary, by writing your responses in the spaces provided. When you are finished, please return the questionnaire to your school's NAEP coordinator.

VCC07154

What is your relationship to the student named on the front cover?

- Classroom (General Education) Teacher
- Special Education Teacher
- Related Service Provider (e.g., Speech Language Pathologist, Occupational Therapist, Physical Therapist)
- Guidance/School Counselor
- Principal/Assistant Principal
- Other (specify)

1. Why is this student classified as SD?

Y0335061

- Ⓐ The student has a disability and has an individualized education plan.
- Ⓑ The student has a Section 504 plan.
- Ⓒ The student has a disability, but the student's IEP or 504 plan is in process, and/or the student's status is unclear.

2. Which of the following describes this student's identified disability(ies)? (Fill in all ovals that apply.)

Y0335017

- Ⓐ Specific learning disability
- Ⓑ Hearing impairment/deafness
- Ⓒ Visual impairment/blindness
- Ⓓ Speech or language impairment
- Ⓔ Mental retardation
- Ⓕ Emotional handicap/disturbance
- Ⓖ Orthopedic impairment
- Ⓗ Traumatic brain injury
- Ⓘ Autism
- Ⓚ Developmental delay (age 9 or younger)
- Ⓛ Other health impairments
- Ⓜ Other (specify)

3. In your judgment, what is the degree of this student's disability(ies)?

Y0335016

- Ⓐ Profound/Severe
- Ⓑ Moderate
- Ⓒ Mild

4. At a minimum, do this student's long-term mathematics objectives include the ability to perform basic mathematics calculations without the use of a calculator?

Y0335067

- Ⓐ Yes
- Ⓑ No
- Ⓒ I don't know.

5. At a minimum, do this student's long-term reading objectives include the ability to decode simple printed material?

Y0335068

- Ⓐ Yes
- Ⓑ No
- Ⓒ I don't know.





6. What proportion of his or her academic class time (in subjects such as mathematics, reading/language arts, science, and social studies) does this student spend in the mainstream/general education classroom(s)?

VCC05069

- None
- Half or less
- More than half, but not all
- All
- I don't know.

7. In which area(s) is this student currently receiving special education services? (Fill in all ovals that apply.)

VCC05071

- This student does not currently receive special education services.
- Language development
- Reading
- Mathematics
- Science
- Social Studies
- Speech (e.g., articulation, voice, speech flow)
- Self-control and/or deportment
- Personal care and/or basic life skills
- Vocational education
- Other (specify)

- I don't know.

8. Refer to the front cover to determine the subject in which this student is being assessed by NAEP, and fill in the oval for that subject below.

VCC04013

- Civics
- Economics
- Mathematics
- Reading
- Science
- U.S. history

Questions 9–15, which follow, ask about this student's instruction and assessment in the subject identified in question 8.

9. What grade level of instruction is this student currently receiving in the subject identified in question 8?

VCC04017

- This student is currently not receiving instruction in this subject.
- At or above grade level
- One year below grade level
- Two or more years below grade level
- I don't know.

10. Is this student participating in the same curriculum content as nondisabled students in the subject identified in question 8?
- VC03AS09
- This student is currently not receiving instruction in this subject.
 - Same curriculum content
 - Different curriculum content
 - I don't know.

11. According to the student's IEP or 504 plan, how does this student participate in the state academic assessment in the subject identified in question 8? If your state does not have an assessment in the subject identified in question 8, indicate how this student participates in your state's reading/language arts assessment.
- VC03AS101
- Student's plan is still in process.
 - Regular assessment without accommodations
 - Regular assessment with accommodations
 - Regular assessment using accommodations *not* allowed in the regular state assessment
 - Out-of-level (off-grade) assessment
 - Alternate assessment for students who are significantly cognitively disabled
 - Other (specify)
-

For questions 12–15, please indicate which accommodations this student receives, if any, in the state academic assessment in the subject identified in question 8. If your state does not have an assessment in the subject identified in question 8, indicate which accommodations this student receives, if any, in your state's reading/language arts assessment.

12. Presentation Accommodations (Fill in all ovals that apply.)
- VC03AS119
- No presentation accommodations
 - Directions read aloud to student or presented by audiotape
 - Directions signed
 - Directions repeated
 - Assistance with interpretation of directions given
 - Passages, other test stimuli, or test questions read aloud or presented by audiotape
 - Braille edition of test
 - Large-print edition of test
 - Magnifying equipment provided
 - Test administered by person familiar to the student
 - Other (specify)
-





13. Response Accommodations (Fill in all ovals that apply.) VC085122

- No response accommodations
- Responds in Braille
- Responds in sign language
- Points to answers
- Responds orally
- Tape records answers
- Uses computer to respond
- Uses typewriter to respond
- Uses a template to respond
- Uses a large marking pen or specially designed writing tool
- Writes directly in test booklet
- Uses a calculator, including talking or Braille calculators, for computation tasks
- Other (specify)

14. Setting Accommodations (Fill in all ovals that apply.) VC095140

- No setting accommodations
- Tested in small group
- Tested individually
- Tested in separate room
- Receives preferential seating
- Special lighting provided
- Special furniture provided
- Other (specify)

15. Timing Accommodations (Fill in all ovals that apply.) VC095160

- No timing accommodations
- Receives extended time
- Receives breaks during test
- Tested over several days
- Other (specify)

Question 16 asks you to judge whether this student can participate in the NAEP assessment, either with or without accommodations.

The NAEP assessment includes both multiple-choice and constructed-response (open-ended) questions.

A student identified as having a disability *should be included* in the NAEP assessment unless he or she is significantly cognitively disabled or unable to demonstrate his or her knowledge in the subject being assessed without an accommodation that is not permitted in NAEP.

NAEP permits most, but not all, accommodations provided for state assessment programs. In the reading assessment, NAEP *does not* permit the reading passages or test questions to be read aloud or presented by audiotape. In the mathematics assessment, NAEP *does not* permit use of calculators on computation questions. Testing over more than one day is *not* permitted in any NAEP assessment. NAEP does not have out-of-level (off-grade) or alternate assessments.

VC335219

16. In your judgment, can this student participate in NAEP in the subject identified in question 8?

- Ⓐ Yes, without accommodations
- Ⓑ Yes, with accommodations permitted in NAEP
- Ⓒ No, this student is significantly cognitively disabled.
- Ⓓ No, this student cannot be assessed without an out-of-level (off-grade) or alternate assessment.
- Ⓔ No, this student cannot demonstrate his or her knowledge in the subject being assessed without accommodations that are not permitted in NAEP.

THANK YOU FOR YOUR
COOPERATION



Appendix M

2005 LEP Questionnaire



UNITED STATES DEPARTMENT OF EDUCATION

Dear Principal or Administrator:

Thank you for allowing your school to participate in the 2004 National Assessment of Educational Progress (NAEP). These assessments are vital to measuring the academic skills and progress of the students in our nation and in each state.

As you know, the Individuals with Disabilities Education Act (IDEA) requires that all students with disabilities participate in state and district wide assessment programs through regular assessments, including with appropriate accommodations when necessary, or alternate assessments. The No Child Left Behind Act (NCLB) likewise requires the participation of students with disabilities in the student academic assessments required under that Act, and also requires that limited-English-proficient students, as well as other groups of students, participate in those state assessments. NCLB allows for reasonable accommodations on assessments administered to limited-English-proficient students. Although federal law does not explicitly specify similar requirements regarding the participation of students with disabilities and limited-English-proficient students in NAEP, the NAEP program has been working very hard to make its sample of students taking the assessments as representative as possible of all students. We are asking you to ensure that the greatest possible number of students with disabilities and limited-English-proficient students in your school, who are selected to participate, do in fact take the assessments.

Please keep in mind that NAEP does not produce results for individual students or schools, as your state or district tests might. All results are summarized only at the national and state levels (and for a few large urban districts). In other words, the NAEP assessments do not impose consequences for the student or the school, and are instead intended purely to provide a picture of educational performance and progress.

We want to include as many students as possible in the picture NAEP provides for us. For this reason, we ask you to do all you can to help ensure the participation of students who are selected for NAEP whenever possible, including students with disabilities and limited-English-proficient students. Students taking the NAEP are able to use most of the testing accommodations they usually receive in other tests (e.g., extended time, small group testing). Most students with disabilities and limited-English-proficient students are indeed able to participate in NAEP with their fellow students.

NAEP is one of the most visible and important indicators of educational performance in this country, and we very much appreciate your support in making NAEP as inclusive as possible.

Maria Hernandez Ferrier

Maria Hernandez Ferrier, Ed. D.
Deputy Under Secretary
Office of English Language Acquisition

Troy R. Justiser

Troy R. Justiser, Ed. D.
Delegated the authority
to perform the functions of
Assistant Secretary for Special
Education and Rehabilitative Services

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Our mission is to ensure equal access to education and to promote educational excellence throughout the Nation.

BRMS-LEP

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08/16/04 GJ





NAEP Questionnaire Regarding Limited-English-Proficient (LEP) Students

Some students in your school have been selected, as part of a representative sample of students across the country, to take part in the National Assessment of Educational Progress (NAEP). The current NAEP assessment focuses on students' performance in civics, economics, mathematics, reading, science, and U.S. history. As part of the assessment, NAEP collects background information about students, their teachers, their home, and their school that may be related to students' academic performance.

In order to obtain a complete picture of educational progress for all students, it is important to collect supplemental information on students in the sample who are classified as limited English proficient (LEP) or as an English language learner (ELL)—whether they will be assessed or not. We are asking you to complete this questionnaire about one of those students.

NAEP is authorized under Public Law 107-110. While your participation is voluntary, your responses to these questions are needed to make this survey accurate and complete. All responses that relate to or describe identifiable characteristics of teachers or schools may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purposes, unless otherwise compelled by law.

Thank you very much for your help.

INSTRUCTIONS FOR FILLING OUT QUESTIONNAIRE

Please complete this questionnaire for the student named on the front cover. If the student named on the front cover does not meet the definition for a LEP or ELL student, or if you do not know about the student's English-language proficiency, instruction, and assessment, please return this questionnaire to the NAEP school coordinator.

Please answer questions directly on this questionnaire with a number 2 pencil by filling in the appropriate ovals and, if necessary, by writing your responses in the spaces provided. When you are finished, please return the questionnaire to your school's NAEP coordinator.

VC037124

What is your relationship to the student named on the front cover?

- Ⓐ Classroom (General Education) Teacher
- Ⓑ Bilingual Education/ESL Classroom Teacher
- Ⓒ Bilingual Education/ESL Pullout Teacher
- Ⓓ Guidance/School Counselor
- Ⓔ Principal/Assistant Principal
- Ⓕ Other (specify)

Y0328420

1. What is this student's first or native language?

- Spanish
- Other language (specify):

Y0325685

Questions 2–5. How would you characterize this student's English proficiency? (Fill in one oval in each row.)

	Good (LEP advanced)	Fair (LEP intermediate)	Poor (LEP beginning)	No proficiency	I don't know.	
2. Listening comprehension in English	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y0325690
3. Speaking English	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y0325691
4. Reading English	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y0325692
5. Writing English	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Y0325693

Y0325697

6. Including the current school year, how long has this student been receiving academic instruction primarily in English?

- This student does not receive academic instruction primarily in English in this subject.
- Less than 1 year
- 1 to 2 years
- 2 to 3 years
- 3 years or more
- I don't know.

Y0325076

7. Refer to the front cover to determine the subject in which this student is being assessed by NAEP, and fill in the oval for that subject below.

- Civics
- Economics
- Mathematics
- Reading
- Science
- U.S. history





Questions 8–14, which follow, ask about this student’s instruction and assessment in the subject identified in question 7.

8. What grade level of instruction is this student currently receiving in the subject identified in question 7? VC035078
- Ⓐ This student is currently not receiving instruction in this subject.
 - Ⓑ At or above grade level
 - Ⓒ One year below grade level
 - Ⓓ Two or more years below grade level
 - Ⓔ I don’t know.

9. Is this student participating in the same curriculum content in the English language as English-speaking students in the subject identified in question 7? VC035704
- Ⓐ This student is currently not receiving instruction in English in this subject.
 - Ⓑ Same curriculum content
 - Ⓒ Different curriculum content
 - Ⓓ I don’t know.

10. During this school year, what type of instruction for limited-English-proficient students has this student received in the subject identified in question 7? VC035707
- Ⓐ No specially designed instruction for limited-English-proficient students
 - Ⓑ Specially designed instruction in English (e.g., ESL, simplified English)
 - Ⓒ Native-language instruction
 - Ⓓ I don’t know.

11. How does this student participate in the regular state academic assessment in the subject identified in question 7? If your state does not have an assessment in the subject identified in question 7, indicate how this student participates in your state’s reading/language arts assessment. VC035710
- Ⓐ This student does not participate in the regular state academic assessment.
 - Ⓑ Regular assessment without accommodations
 - Ⓒ Regular assessment with direct and/or indirect linguistic support accommodations
 - Ⓓ Other (specify)

 - Ⓔ I don’t know.

For questions 12–13, please indicate which accommodations this student receives, if any, in the state academic assessment in the subject identified in question 7. If your state does not have an assessment in the subject identified in question 7, indicate which accommodation this student receives, if any, in your state’s reading/language arts assessment.

12. Direct linguistic support accommodations in native language or English (Fill in all ovals that apply.)

- Ⓐ No direct linguistic support accommodations
- Ⓑ Native-language version of test
- Ⓒ Bilingual version of test
- Ⓓ Bilingual word lists or glossaries
- Ⓔ Bilingual dictionary without definitions
- Ⓕ Directions translated aloud into native language or presented by audiotape
- Ⓖ Passages, other stimulus material, or test questions translated aloud into native language or presented by audiotape
- Ⓗ Student’s oral or written responses translated into written English
- Ⓘ Directions read aloud in English or presented by audiotape
- Ⓚ Passages, other stimulus materials, or test questions read aloud in English or presented by audiotape
- Ⓛ Other (specify)

13. Indirect linguistic support accommodations (Fill in all ovals that apply.)

- Ⓜ No indirect linguistic support accommodations
- Ⓝ Tested in small group
- Ⓞ Tested individually
- Ⓟ Receives extended time
- Ⓠ Receives preferential seating
- Ⓡ Other (specify)





Question 14 asks your judgment about whether this student can participate in the NAEP assessment either with or without accommodations.

The NAEP assessment includes both multiple-choice and constructed-response (open-ended) questions.

A student who is identified as limited English proficient (LEP) and who is a native speaker of a language other than English *should be included* in the NAEP assessment unless he or she cannot demonstrate his or her knowledge in the subject assessed even with accommodations permitted by NAEP.

NAEP permits most, but not all, accommodations provided for state assessment programs. For all assessments, NAEP *does not* permit oral or written translation of directions into the student's native language or translation of the student's oral or written responses in his or her native language into English. For the reading assessment, NAEP *does not* permit the passages or test questions to be read aloud or presented by audiotape in English, *does not* permit oral or written translation of passages or test questions into the student's native language, and *does not* permit the use of bilingual word lists, glossaries, or dictionaries.

A student who has received instruction primarily in English for at least three school years, including the current year, must participate in the NAEP assessment without accommodations.

VCD05718

14. In your judgment, can this student participate in NAEP in the subject selected in question 7?

- Yes, without accommodations
- Yes, with accommodations permitted in NAEP
- No, this student cannot demonstrate knowledge in the subject being assessed even with accommodations permitted in NAEP.

THANK YOU FOR YOUR
COOPERATION

Appendix N

Quality Checks for the HSTS Sample: Comparison
of the Full HSTS School Sample to the
Responding HSTS School Sample

APPENDIX N. QUALITY CHECKS FOR THE HSTS SAMPLE: COMPARISON OF THE FULL HSTS SCHOOL SAMPLE TO THE RESPONDING HSTS SCHOOL SAMPLE

To study the potential for nonresponse bias, we compared selected school characteristics by comparing the distribution of the weighted full original sample to the final sample with and without nonresponse adjusted weights. There are two comparisons: of the main ‘unlinked’ HSTS responding school sample, and of the ‘linked’ NAEP-HSTS responding school sample. The latter is actually a subset of the former, as a school is required to be a respondent in both the HSTS study and in the NAEP study to be in the linked school sample.

The tables in this section present weighted aggregations, weighted percentages and weighted means for the full HSTS school sample, the responding unlinked schools, and the responding linked schools. The weights include the original school base weight (reciprocal of the probability of selection), and the grade enrollment of the school¹. If the responding school sets with their nonresponse adjusted weights are representing the full school sample without bias then there should be ‘balance’ in the weighted estimates: the full school sample and the two responding school samples should be estimating the same population values.

The differences between these sets of weighted estimates give an indication of the potential for nonresponse bias that has been introduced by nonresponding schools with no participating substitute. We computed a standard error for these differences by concatenating the two files and treating them as one file with one set of weights. The first ‘half’ of the concatenated file consists of all originally sampled schools, with the replicate weights being the grade-enrollment-adjusted school base weights. The second ‘half’ of the concatenated file consisted of responding schools only, with the replicate weights being the grade-enrollment-adjusted school-nonresponse-adjusted weights. Note that responding original schools will be represented twice on these concatenated files, with different weights for each of the two records for the school. The standardized difference is the difference divided by this computed standard error. Under the null hypothesis that the two estimators are estimating the same population value (i.e., there is no nonresponse bias), these standardized differences should have a distribution reasonably close to that of a t-distribution, with appropriate degrees of freedom based on the number of first-stage sample units. The

¹ The estimates are of school population totals that are weighted by the school’s grade enrollment (so that the totals are actually of students).

p-values are two-sided corresponding to this test that the population difference is zero, as against the two-sided alternative².

Tables N-1 and N-2 present weighted aggregations for public schools, private schools, public and private schools together, and weighted percentages by Census region and school-wide Title I status for public schools, school type for private schools, and weighted percentages by type of locality for public and private schools combined together.

Table N-1. NAEP HSTS comparisons of full HSTS school sample and responding HSTS unlinked school sample: 2005

HSTS sample	Full HSTS school sample student total estimate	Full HSTS school sample estimated percent	Responding HSTS (unlinked) school sample student total estimate	Responding HSTS (unlinked) school sample estimated percent	Difference full-unlinked resp (in total or percent)	P-value of standardized difference
Public schools						
Northeast	513,759	17.64	513,759	17.64	0.00	0.805
Midwest	689,716	23.68	689,716	23.68	0.00	0.805
South	1,010,446	34.70	1,010,446	34.70	0.00	1.000
West	698,238	23.98	698,238	23.98	0.00	0.934
Public schools						
School-wide Title I	249,034	42.49	263,789	42.78	-0.30	0.864
Other	337,122	57.51	352,807	57.22	0.30	0.864
Private schools						
Catholic	137,063	51.74	142,511	53.80	-2.06	0.318
Conservative Christian	27,972	10.56	29,390	11.10	-0.54	0.324
Other private	99,856	37.70	92,990	35.10	2.59	0.226
Public and private schools						
Central city	950,277	29.91	893,000	28.11	1.80	0.000
Urban fringe/large town	1,379,883	43.43	1,433,470	45.12	-1.69	0.004
Small town, rural	846,889	26.66	850,580	26.77	-0.12	0.728

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

² It should be noted that all p-values throughout this paper are based on the normal distribution (i.e., infinite degrees of freedom). In reality, the degrees of freedom are no more than the number of replicates (62), and in some subgroups considerably less. For this reason, t-statistics with absolute values in the general range of 2.0 through 2.5 are registered with p-values less than 5%, but might have non-significant p-values if the degrees of freedom were computed exactly.

Table N-2. NAEP HSTS comparisons of full HSTS school sample and responding NAEP-HSTS linked school sample: 2005

HSTS sample	Full HSTS school sample student total estimate	Full HSTS school sample estimated percent	Responding HSTS linked school sample student total estimate	Responding HSTS linked school sample estimated percent	Difference full-linked resp (in percent)	P-value of standardized difference
Public schools						
Northeast	513,759	17.64	513,759	17.64	0.00	0.624
Midwest	689,716	23.68	689,716	23.68	0.00	0.788
South	1,010,446	34.70	1,010,446	34.70	0.00	0.928
West	698,238	23.98	698,238	23.98	0.00	0.936
Public schools						
School-wide Title I	249,034	42.49	276,224	45.22	-2.73	0.191
Other	337,122	57.51	334,658	54.78	2.73	0.191
Private schools						
Catholic	137,063	51.74	142,511	53.80	-2.06	0.318
Conservative Christian	27,972	10.56	29,390	11.10	-0.54	0.324
Other religious	99,856	37.70	92,990	35.10	2.59	0.226
Public and private schools						
Central city	950,277	29.91	884,168	27.83	2.08	0.000
Urban fringe/large town	1,379,883	43.43	1,437,815	45.26	-1.82	0.003
Small town, rural	846,889	26.66	855,068	26.91	-0.26	0.525

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

It appears that the weighted responding (linked and unlinked) sample is about 2% on the high side with regard to central city schools, with urban fringe/large town schools 2% lower.

Tables N-3 and N-4 present weighted aggregations for Conservative Christian schools by Census region, and Other Private schools by Type of Location. In both of these cases, significant chi-square tests for non-independence of NAEP school response for the NAEP 2005 twelfth grade private school sample was found at the .05 level. As HSTS school response is highly correlated to NAEP school response, we will check these tables for significant differences after weighting adjustments for HSTS unlinked and linked school response as compared to the full HSTS school samples.

Table N-3. NAEP HSTS comparisons of full HSTS school sample and responding HSTS unlinked school sample for Conservative Christian and Other Private Schools: 2005

HSTS sample	Full HSTS school sample student total estimate	Full HSTS school sample estimated percent	Responding HSTS (unlinked) school sample student total estimate	Responding HSTS (unlinked) school sample estimated percent	Difference full-unlinked resp (in total or percent)	P-value of standardized difference
Conservative Christian schools						
Northeast	2,780	9.94	4,019	13.67	-3.74	0.478
Midwest	6,113	21.85	6,003	20.42	1.43	0.387
South	12,480	44.62	12,659	43.07	1.54	0.782
West	6,599	23.59	6,710	22.83	0.76	0.657
Other private schools						
Large central city	73,940	31.21	54,670	23.21	7.99	0.075
Midsized central city	52,863	22.31	55,616	23.62	-1.30	0.732
Rural, MSA	13,213	5.58	8,672	3.68	1.89	0.515

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-4. NAEP HSTS comparisons of full HSTS school sample and responding NAEP-HSTS linked school sample for Conservative Christian and Other Private Schools: 2005

HSTS sample	Full HSTS school sample student total estimate	Full HSTS school sample estimated percent	Responding HSTS linked school sample student total estimate	Responding HSTS linked school sample estimated percent	Difference full-linked resp (in total or percent)	P-value of standardized difference
Conservative Christian schools						
Northeast	2,780	9.94	4,564	15.53	-5.59	0.401
Midwest	6,113	21.85	6,113	20.80	1.05	0.355
South	12,480	44.62	9,585	32.61	12.00	0.191
West	6,599	23.59	9,128	31.06	-7.47	0.400
Other private schools						
Large central city	73,940	31.21	51,344	21.80	9.41	0.067
Midsized central city	52,863	22.31	57,021	24.21	-1.90	0.685
Rural, MSA	13,213	5.58	10,021	4.26	1.32	0.677

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

The means that are presented in Tables N-5 and N-6 are of the percentage of Black students in the school, the percentage of Hispanic students, the percentage of Asian students, and the percentage of Native American students, the median household income (1999) of the ZIP Code area where the school is

located, and type of location (with levels treated as continuous³). The sociodemographic and geographic aggregations as presented in the first two parts of the table are generally done in NAEP analyses. The NAEP operational assessment aggregations as given in the third part of the table are special to this HSTS analysis, as the NAEP operational assessment scores will be available to contribute to this HSTS analysis. This is especially helpful in confirming that the loss of New York to the HSTS sample is not generating systematic biases (or at least we can confirm that the responding sample has generally the same levels in terms of NAEP operational assessment outcomes). The ‘full HSTS school sample’ in the case of the NAEP operational assessments are restricted to the overlap between the HSTS school sample and the responding NAEP sample. The comparison is only made between this set and the NAEP-HSTS linked responding school sample (which is also restricted to the overlap set between HSTS sample and responding NAEP sample).

Tables N-5 through N-14 presents a comparison of the full HSTS school sample, the HSTS responding school sample (unlinked), and the NAEP-HSTS responding school sample (linked), with regard to school characteristics. Tables N-5 through N-9 present results for public schools, and Tables N-10 through N-14 present results for private schools. The first three tables of each set (N-5 through N-7 for public schools and N-10 through N-12 for private schools) present aggregations for the full HSTS sample, the unlinked responding school sample, and the NAEP-HSTS linked responding school sample respectively, with the remaining two sets of each set presenting estimates of the differences (full vs. unlinked, full vs. linked). Note that the NAEP operational assessment comparisons do not include the unlinked HSTS set. Along with the estimates of the differences are p-values for the two-sided test of the null hypothesis that the difference is zero.

The percentage of Hispanics in the Northeast is somewhat lower, the percentage of Blacks in the West somewhat higher, and the type of location higher (i.e., more rural) in the Northeast for the weighted responding linked and unlinked samples, compared to the full sample. The actual differences are small.

The other private category has some differences between the weighted responding sample and the full sample. The type of location is higher in the responding sample (i.e., it is more rural), and the percentage of Blacks is lower in the responding sample.

³ The numeric levels of type of location which are combined into means are 1-Large city center, 2-Smaller city center, 3-Urban fringe large city, 4-Urban fringe small city, 5-Large town, 6-Small town, 7-Rural. Thus a low mean indicates roughly relative urban status, a high mean indicates relative rural status.

Table N-5. Estimated enrollment from the full HSTS public school sample, by race/ethnicity, median income, type of location, and region: 2005

Census region	Enrollment								Median income		Type of location	
	Black		Hispanic		Asian		American Indian		Estimate (dollars)	SE	Mean scale	SE
	Percent	SE	Percent	SE	Percent	SE	Percent	SE				
Northeast	11.09	0.659	10.58	0.905	3.42	0.322	0.35	0.137	\$49,072	1,412	3.85	0.081
Midwest	10.31	1.004	4.13	0.696	2.54	0.282	1.47	0.411	48,981	1,039	4.35	0.076
South	24.26	1.117	12.32	0.845	2.17	0.176	0.92	0.181	40,144	824	4.16	0.062
West	5.86	0.610	28.59	1.167	10.46	1.046	1.70	0.266	49,121	803	3.18	0.071
Total	14.17	0.488	13.98	0.463	4.48	0.272	1.14	0.128	45,994	430	3.91	0.035

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-6. Estimated enrollment from the responding (unlinked) HSTS public school sample, by race/ethnicity, median income, type of location and region: 2005

Census region	Enrollment								Median income		Type of location	
	Black		Hispanic		Asian		American Indian		Estimate (dollars)	SE	Mean scale	SE
	Percent	SE	Percent	SE	Percent	SE	Percent	SE				
Public												
Northeast	9.82	0.851	8.76	1.232	3.33	0.486	0.18	0.028	\$49,311	1,673	4.02	0.112
Midwest	10.09	1.180	3.97	0.795	2.58	0.316	1.48	0.411	49,176	1,132	4.35	0.074
South	24.49	1.246	12.57	0.933	1.97	0.168	0.97	0.197	39,506	795	4.16	0.062
West	6.42	0.762	29.46	1.413	9.61	1.139	1.64	0.254	46,455	840	3.18	0.071
Total Public	14.11	0.573	13.92	0.555	4.20	0.298	1.11	0.126	45,225	494	3.94	0.037

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-7. Estimated enrollment from the responding NAEP-HSTS linked public school sample, by race/ethnicity, median income; type of location and region: 2005

Census region	Enrollment								Median income		Type of location	
	Black		Hispanic		Asian		American Indian		Estimate (dollars)	SE	Mean scale	SE
	Percent	SE	Percent	SE	Percent	SE	Percent	SE				
Northeast	9.94	0.899	8.35	1.217	2.99	0.413	0.17	0.028	\$48,929	1,691	4.03	0.114
Midwest	10.90	1.261	2.87	0.351	2.37	0.351	1.59	0.456	48,893	1,332	4.38	0.081
South	24.31	1.266	12.52	0.953	1.95	0.174	0.98	0.197	39,554	805	4.15	0.062
West	6.79	0.819	29.42	1.557	9.42	1.198	1.60	0.264	45,977	858	3.18	0.071
Total	14.35	0.619	13.56	0.540	4.04	0.304	1.13	0.136	44,991	539	3.95	0.038

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-8. Differences between responding unlinked and full HSTS public school sample, by race/ethnicity, median income, type of location and region: 2005

Census region	Enrollment								Median income		Type of location	
	Black		Hispanic		Asian		American Indian		Difference unlinked response-full	P-value	Difference unlinked response-full	P-value
	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value	Difference unlinked response-full	P-value				
Northeast	-1.26	0.159	-1.82	0.045	-0.10	0.818	-0.17	0.185	240	0.848	0.17	0.011
Midwest	-0.21	0.667	-0.15	0.398	0.04	0.673	0.01	0.712	195	0.489	0.00	0.835
South	0.23	0.667	0.25	0.216	-0.20	0.077	0.06	0.146	-638	0.177	0.00	0.482
West	0.56	0.087	0.86	0.249	-0.85	0.208	-0.07	0.411	-2,667	0.001	0.00	0.454
Total	-0.07	0.818	-0.06	0.805	-0.28	0.147	-0.03	0.536	-768	0.029	0.03	0.009

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-9. Differences between responding linked and full HSTS public school samples, by race/ethnicity, median income, type of location, and region: 2005

Census region	Enrollment								Median income		Type of location	
	Black		Hispanic		Asian		American Indian		Difference unlinked response- full	P- value	Difference unlinked response- full	P- value
	Difference unlinked response- full	P- value	Difference unlinked response- full	P- value	Difference unlinked response- full	P- value	Difference unlinked response- full	P- value				
Northeast	-1.15	0.224	-2.23	0.012	-0.43	0.240	-0.19	0.158	-142	0.911	0.17	0.009
Midwest	0.60	0.453	-1.26	0.022	-0.17	0.326	0.12	0.219	-88	0.873	0.03	0.266
South	0.05	0.936	0.20	0.367	-0.22	0.067	0.06	0.134	-590	0.215	0.00	0.293
West	0.93	0.010	0.83	0.341	-1.04	0.206	-0.10	0.301	-3,145	0.000	0.00	0.277
Total	0.17	0.613	-0.43	0.186	-0.44	0.047	-0.01	0.867	-1,003	0.007	0.04	0.005

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

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Table N-10. Estimated enrollment from the full HSTS private school sample, by race ethnicity, type of location and private school type: 2005

School type	Enrollment								Type of location	
	Black		Hispanic		Asian		American Indian		Mean scale	SE
	Percent	SE	Percent	SE	Percent	SE	Percent	SE		
Conservative Christian	4.89	1.246	3.44	0.755	1.56	0.250	0.77	0.532	3.70	0.403
Roman Catholic	10.75	3.915	10.09	2.369	4.08	1.403	0.52	0.175	2.51	0.334
Other Private	8.19	2.212	4.34	1.016	10.23	3.486	0.55	0.214	3.12	0.275
Total Private	9.19	2.118	7.29	1.414	6.03	1.501	0.56	0.107	2.87	0.187

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-11. Estimated enrollment from the responding (unlinked) NAEP HSTS private school sample, by race/ethnicity, type of location and private school type: 2005

School type	Enrollment								Type of location	
	Black		Hispanic		Asian		American Indian		Mean scale	SE
	Percent	SE	Percent	SE	Percent	SE	Percent	SE		
Conservative Christian	4.08	1.131	3.39	0.966	1.58	0.340	1.41	0.963	3.75	0.524
Roman Catholic	9.70	4.545	8.72	2.550	5.21	2.008	0.68	0.244	2.40	0.308
Other Private	4.64	1.785	2.97	0.889	10.46	4.954	0.30	0.127	4.14	0.300
Total	7.30	2.600	6.11	1.375	6.65	2.014	0.63	0.181	3.16	0.195

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-12. Estimated enrollment from the responding NAEP-HSTS linked private school sample, by race ethnicity, type of location and private school type: 2005

School type	Enrollment								Type of location	
	Black		Hispanic		Asian		American Indian		Mean scale	SE
	Percent	SE	Percent	SE	Percent	SE	Percent	SE		
Conservative Christian	3.51	1.105	2.09	0.693	1.49	0.375	1.22	1.041	3.66	0.614
Roman Catholic	6.96	4.304	8.37	2.663	5.56	2.247	0.77	0.265	2.56	0.338
Other Private	3.33	1.408	3.06	1.067	13.66	6.660	0.25	0.148	4.15	0.424
Total	5.30	2.404	5.81	1.472	7.95	2.492	0.64	0.203	3.24	0.231

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Table N-13. Differences between responding unlinked and full HSTS private school sample, by race/ethnicity, type of location and private school type: 2005

School type	Enrollment								Type of location	
	Black		Hispanic		Asian		American Indian		Difference unlinked response-full	P-value
	Difference unlinked response-full	P-value								
Conservative Christian	-0.81	0.452	-0.05	0.939	0.02	0.917	0.64	0.198	0.05	0.851
Roman Catholic	-1.05	0.666	-1.37	0.423	1.13	0.140	0.16	0.094	-0.11	0.695
Other Private	-3.54	0.106	-1.36	0.078	0.23	0.945	-0.25	0.198	1.02	0.002
Total	-1.89	0.245	-1.18	0.255	0.62	0.597	0.07	0.550	0.30	0.095

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

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Table N-14. Differences between responding linked and full HSTS private school sample, by race-ethnicity, school location and private school type: 2005

School type	Enrollment								Type of location	
	Black		Hispanic		Asian		American Indian		Difference unlinked response-full	P-value
	Difference unlinked response-full	P-value								
Conservative Christian	-1.38	0.262	-1.35	0.094	-0.07	0.810	0.45	0.446	-0.03	0.939
Roman Catholic	-3.79	0.167	-1.72	0.358	1.47	0.171	0.25	0.058	0.05	0.878
Other Private	-4.86	0.038	-1.27	0.167	3.43	0.469	-0.31	0.184	1.02	0.004
Total	-3.89	0.017	-1.49	0.195	1.92	0.231	0.08	0.583	0.37	0.066

NOTE: American Indian includes Alaska Native, Black includes African American, Pacific Islander includes Native Hawaiian, and Hispanic includes Latino. Race categories exclude Hispanic origin unless specified.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, NAEP High School Transcript Study (HSTS), 2005.

Appendix O

2005 High School Transcript Study
Classification of Secondary School Courses
Hierarchical Listing and Detailed Stub List

**APPENDIX O. 2005 HIGH SCHOOL TRANSCRIPT STUDY
CLASSIFICATION OF SECONDARY SCHOOL COURSES
HIERARCHICAL LISTING AND DETAILED STUB LIST**

This appendix presents the subject field taxonomy that provides the structure for grouping the high school transcript courses. The lists that follow identify the Classification of Secondary School Courses (CSSC) codes in each subject field category. These categories are referred to as “stubs” because they are associated with row labels, or stubs, in previously published tabulations.

The subject field categories are organized according to the 14 subject categories established by Secondary School Taxonomy (SST).¹ Two categories have been added to the second level of the SST: Computer-Related Studies and Special Education. The Computer-Related Studies category belongs to the Academic group. It has four subcategories: Clerical and Data Entry, Computer Applications, Computer Science, and Computer and Network Hardware and Maintenance. All of the computer-related courses also appear in various math and vocational categories. They are counted only once, however, when calculating totals across multiple SST categories.

The Special Education category belongs to the Personal/Other Courses group and includes a large number of courses that are usually open only to students with Individualized Educational Programs (IEP). Some special education courses also appear in other subject field categories. Because of changes made to the course definitions through the high school transcript studies, these courses are counted twice when calculating totals and subtotals. All other special education courses are counted only once when calculating totals across multiple SST categories.

The Academic group includes an additional number of subcategories for some of its categories. 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 they may be of special analytic interest, some Academic subjects include subcategories for remedial/below grade level courses and Advanced Placement/International Baccalaureate/Honors courses.

¹ 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).

An additional group of composite “stubs” have also been added to the SST. Created solely for tabulation purposes, the subcategories in this group do not reflect a list of courses, but instead a set of curriculum standards similar to those standards required for high school graduation. These standards include the “New Basics Curriculum” (STUB2002), which was recommended by the National Commission on Excellence in Education in their report *A Nation at Risk*, as well as minimal academic standards (STUB2004 and STUB2005) required by most states. In the HSTS 2005 restricted-use student database, these “stubs” indicate whether or not the student met the listed curriculum standards.

For the 2005 HSTS, two new stubs and 18 new CSSC codes were added. Along with the Computer and Network Hardware and Maintenance subcategory mentioned earlier, a Personal Growth and Interpersonal Relationships subcategory was added to the Personal Health and Physical education category. The new CSSC codes included Advanced Placement courses in geography, Latin, and studio art, as well as codes for personal computer hardware and repair, electronic commerce, military drill team, leadership, and the Academic decathlon program.

Note that the categories are hierarchical in nature. That is, course codes that appear in a subcategory also appear in the appropriate higher-order category. For example, the CSSC code for “Calculus” (270419) appears in the Calculus subcategory and the Mathematics category. The CSSC code for “Etymology” (230412) appears in the Survey English subcategory and the English category.

The Hierarchical Listing that follows indicates in outline form the categories and subcategories as well as the composite stubs. 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 for additional codes.

HIERARCHICAL LISTING OF SUBJECT FIELD 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/IB/Honors Calculus
STUB0170	Advanced Math - Other
STUB0171	Trigonometry
STUB0172	Analysis/Precalculus
STUB0173	Statistics/Probability
STUB0200	SCIENCE
STUB0210	Survey Science
STUB0220	Biology
STUB0221	AP/IB/Honors Biology
STUB0230	Chemistry
STUB0231	AP/IB/Honors Chemistry
STUB0240	Physics
STUB0241	AP/IB/Honors Physics
STUB0250	Engineering
STUB0260	Astronomy
STUB0270	Geology/Earth Science
STUB0300	ENGLISH
STUB0310	Survey English
STUB0320	Literature
STUB0330	Composition
STUB0340	Speech
STUB0350	AP/IB/Honors English
STUB0360	Remedial/Below Grade English

HIERARCHICAL LISTING OF SUBJECT AREA CATEGORIES (Continued)

STUB0400 SOCIAL STUDIES
STUB0410 American History
STUB0411 AP/IB/Honors American History
STUB0420 World History
STUB0421 AP/IB/Honors Western Civilization/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/IB/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/IB/Honors Foreign Language
STUB0610 Survey Foreign Language
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
STUB0740 Computer and Network Hardware and Maintenance

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 COURSES

STUB1100 GENERAL SKILLS

STUB1200 PERSONAL HEALTH & PHYSICAL EDUCATION

STUB1210 Physical Education

STUB1220 Health

STUB1240 Driver Education

STUB1250 Personal Growth/Interpersonal Relationships

STUB1300 RELIGION

STUB1400 MILITARY SCIENCE

STUB1500 SPECIAL EDUCATION

STUB1600 ALL COURSES OTHER THAN ABOVE

HIERARCHICAL LISTING OF SUBJECT AREA CATEGORIES (Continued)

COMPOSITE STUBS

STUB2001	4 years English, 3 years Social Studies, 3 years Science, 3 years Mathematics, ½ year Computer Science, and 2 years Foreign Language
STUB2002	4 years English, 3 years Social Studies, 3 years Science, 3 years Mathematics, and ½ year Computer Science
STUB2003	4 years English, 3 years Social Studies, 3 years Science, 3 years Mathematics, and 2 years Foreign Language
STUB2004	4 years English, 3 years Social Studies, 3 years Science, and 3 years Mathematics
STUB2005	4 years English, 3 years Social Studies, 2 years Science, and 2 years Mathematics

Detailed Stub List

2005 High School Transcript Study Classification of
Secondary School Courses

CSSC CODE	TITLE	CSSC CODE	TITLE
STUB0100 Mathematics		279900	MATHEMATICS, OTHER
110111	COMPUTER APPRECIATION	320108	MATHEMATICS, VOCATIONAL (CHANGED TO 270110)
110121	COMPUTER MATHEMATICS 1	541001	GENERAL MATH SKILLS
110122	COMPUTER MATHEMATICS 2	541009	FUNCTIONAL MATH SKILLS, NOT FOR CREDIT
110400	INFORMATION SCIENCES AND SYSTEMS, OTHER	541101	FUNCTIONAL CONSUMER MATH
110500	SYSTEMS ANALYSIS, OTHER	541109	FUNCTIONAL CONSUMER MATH, NOT FOR CREDIT
119900	COMPUTER AND INFORMATION SCIENCES, OTHER	541201	FUNCTIONAL VOCATIONAL MATH
270100	MATHEMATICS, OTHER GENERAL	541209	FUNCTIONAL VOCATIONAL MATH, NOT FOR CREDIT
270101	MATHEMATICS 7	562700	SPECIAL EDUCATION MATH
270102	MATHEMATICS 7, ACCELERATED	562701	RESOURCE GENERAL MATH
270103	MATHEMATICS 8	562709	RESOURCE GENERAL MATH, NOT FOR CREDIT
270104	MATHEMATICS 8, ACCELERATED	562711	RESOURCE VOCATIONAL MATH
270105	MATHEMATICS, BASIC (CHANGED TO 270601-270604)	562719	RESOURCE VOCATIONAL MATH, NOT FOR CREDIT
270106	MATHEMATICS 1, GENERAL	562721	RESOURCE CONSUMER MATH
270107	MATHEMATICS 2, GENERAL	562729	RESOURCE CONSUMER MATH, NOT FOR CREDIT
270108	SCIENCE MATHEMATICS	STUB0110 - Basic Math	
270109	MATHEMATICS IN THE ARTS	270105	MATHEMATICS, BASIC (CHANGED TO 270601-270604)
270110	MATHEMATICS, VOCATIONAL	270601	BASIC MATH 1
270111	TECHNICAL MATHEMATICS	270602	BASIC MATH 2
270112	MATHEMATICS REVIEW	270603	BASIC MATH 3
270113	MATHEMATICS TUTORING	270604	BASIC MATH 4
270114	CONSUMER MATHEMATICS	STUB0120 - General Math	
270200	ACTUARIAL SCIENCES, OTHER	270100	MATHEMATICS, OTHER GENERAL
270300	APPLIED MATHEMATICS, OTHER	270101	MATHEMATICS 7
270400	PURE MATHEMATICS, OTHER	270102	MATHEMATICS 7, ACCELERATED
270401	PRE-ALGEBRA	270103	MATHEMATICS 8
270402	ALGEBRA 1, PART 1	270106	MATHEMATICS 1, GENERAL
270403	ALGEBRA 1, PART 2	270107	MATHEMATICS 2, GENERAL
270404	ALGEBRA 1	270113	MATHEMATICS TUTORING
270405	ALGEBRA 2	541001	GENERAL MATH SKILLS
270406	GEOMETRY, PLANE	541009	FUNCTIONAL MATH SKILLS, NOT FOR CREDIT
270407	GEOMETRY, SOLID	562700	SPECIAL EDUCATION MATH
270408	GEOMETRY	562701	RESOURCE GENERAL MATH
270409	GEOMETRY, INFORMAL	562709	RESOURCE GENERAL MATH, NOT FOR CREDIT
270410	ALGEBRA 3	STUB0130 - Applied Math	
270411	TRIGONOMETRY	110111	COMPUTER APPRECIATION
270412	ANALYTIC GEOMETRY	110121	COMPUTER MATHEMATICS 1
270413	TRIGONOMETRY AND SOLID GEOMETRY	110122	COMPUTER MATHEMATICS 2
270414	ALGEBRA AND TRIGONOMETRY	110400	INFORMATION SCIENCES AND SYSTEMS, OTHER
270415	ALGEBRA AND ANALYTIC GEOMETRY	110500	SYSTEMS ANALYSIS, OTHER
270416	ANALYSIS, INTRODUCTORY	199000	COMPUTER AND INFORMATION SCIENCES, OTHER
270417	LINEAR ALGEBRA	270108	SCIENCE MATHEMATICS
270418	CALCULUS AND ANALYTIC GEOMETRY	270109	MATHEMATICS IN THE ARTS
270419	CALCULUS	270110	MATHEMATICS, VOCATIONAL
270420	ADVANCED PLACEMENT CALCULUS AB	270111	TECHNICAL MATHEMATICS
270421	MATHEMATICS 1, UNIFIED	270114	CONSUMER MATHEMATICS
270422	MATHEMATICS 2, UNIFIED	270300	APPLIED MATHEMATICS, OTHER
270423	MATHEMATICS 3, UNIFIED	320108	MATHEMATICS, VOCATIONAL (CHANGED TO 270110)
270424	MATHEMATICS, INDEPENDENT STUDY	541101	FUNCTIONAL CONSUMER MATH
270425	GEOMETRY, PART 1	541109	FUNCTIONAL CONSUMER MATH, NOT FOR CREDIT
270426	GEOMETRY, PART 2	541201	FUNCTIONAL VOCATIONAL MATH
270427	UNIFIED MATH 1, PART 1	541209	FUNCTIONAL VOCATIONAL MATH, NOT FOR CREDIT
270428	UNIFIED MATH 1, PART 2	562711	RESOURCE VOCATIONAL MATH
270429	PRE-IB GEOMETRY	562719	RESOURCE VOCATIONAL MATH, NOT FOR CREDIT
270430	PRE-IB ALGEBRA 2/TRIGONOMETRY	562721	RESOURCE CONSUMER MATH
270431	IB MATH METHODS 1	562729	RESOURCE CONSUMER MATH, NOT FOR CREDIT
270432	IB MATH STUDIES 1		
270433	IB MATH STUDIES 2		
270434	IB MATH STUDIES/CALCULUS		
270435	ADVANCED PLACEMENT CALCULUS BC		
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		

2005 High School Transcript Study Classification of
Secondary School Courses

CSSC CODE	TITLE	CSSC CODE	TITLE
STUB0141 - Pre-Algebra		270511	STATISTICS
270104	MATHEMATICS 8, ACCELERATED	270521	PROBABILITY
270401	PRE-ALGEBRA	270531	PROBABILITY AND STATISTICS
270402	ALGEBRA 1, PART 1	270532	AP STATISTICS
270403	ALGEBRA 1, PART 2	279900	MATHEMATICS, OTHER
STUB0142 - Algebra 1		STUB0171 - Trigonometry	
270404	ALGEBRA 1	270411	TRIGONOMETRY
270421	MATHEMATICS 1, UNIFIED	270413	TRIGONOMETRY AND SOLID GEOMETRY
270427	UNIFIED MATH 1, PART 1	270430	PRE-IB ALGEBRA 2/TRIGONOMETRY
270428	UNIFIED MATH 1, PART 2	STUB0172 - Analysis/Precalculus	
STUB0143 - Algebra 2		270416	ANALYSIS, INTRODUCTORY
270405	ALGEBRA 2	270433	IB MATH STUDIES 2
270410	ALGEBRA 3	STUB0173 - Statistics/Probability	
270414	ALGEBRA AND TRIGONOMETRY	270500	STATISTICS, OTHER
270415	ALGEBRA AND ANALYTIC GEOMETRY	270511	STATISTICS
270417	LINEAR ALGEBRA	270521	PROBABILITY
270430	PRE-IB ALGEBRA 2/TRIGONOMETRY	270531	PROBABILITY AND STATISTICS
270532	AP STATISTICS	STUB0200 - Science	
STUB0150 - Geometry		140100	ENGINEERING, OTHER GENERAL
270406	GEOMETRY, PLANE	140111	ORIENTATION TO ENGINEERING
270407	GEOMETRY, SOLID	140200	AEROSPACE, AERONAUTICAL, AND
270408	GEOMETRY		ASTRONAUTICAL ENGINEERING, OTHER
270409	GEOMETRY, INFORMAL	140211	AEROSPACE MATERIALS
270422	MATHEMATICS 2, UNIFIED	140221	AEROSPACE ENGINEERING DESIGN
270425	GEOMETRY, PART 1	140300	AGRICULTURAL ENGINEERING, OTHER
270426	GEOMETRY, PART 2	140400	ARCHITECTURAL ENGINEERING, OTHER
270429	PRE-IB GEOMETRY	140411	STRENGTH OF MATERIALS - ARCHITECTURAL
STUB0160 - Calculus		140500	BIOENGINEERING AND BIOMEDICAL
270418	CALCULUS AND ANALYTIC GEOMETRY		ENGINEERING, OTHER
270419	CALCULUS	140600	CERAMIC ENGINEERING, OTHER
270420	ADVANCED PLACEMENT CALCULUS AB	140700	CHEMICAL ENGINEERING, OTHER
270434	IB MATH STUDIES/CALCULUS	140800	CIVIL ENGINEERING, OTHER
270435	ADVANCED PLACEMENT CALCULUS BC	140900	COMPUTER ENGINEERING, OTHER
STUB0161 - AP/IB/Honors Calculus		141000	ELECTRICAL, ELECTRONICS AND
270420	ADVANCED PLACEMENT CALCULUS AB		COMMUNICATIONS ENGINEERING, OTHER
270434	IB MATH STUDIES/CALCULUS	141100	ENGINEERING MECHANICS, OTHER
270435	ADVANCED PLACEMENT CALCULUS BC	141200	ENGINEERING RELATED, OTHER
STUB0170 - Advanced Math - Other		141211	INSTRUMENTATION PHYSICS 1
270112	MATHEMATICS REVIEW	141212	INSTRUMENTATION PHYSICS 2
270200	ACTUARIAL SCIENCES, OTHER	141213	INSTRUMENTATION PHYSICS 3
270400	PURE MATHEMATICS, OTHER	141214	INSTRUMENTATION PHYSICS 4
270411	TRIGONOMETRY	141300	ENGINEERING SCIENCE, OTHER
270412	ANALYTIC GEOMETRY	141400	ENVIRONMENTAL HEALTH ENGINEERING, OTHER
270413	TRIGONOMETRY AND SOLID GEOMETRY	141500	GEOLOGICAL ENGINEERING, OTHER
270416	ANALYSIS, INTRODUCTORY	141600	GEOPHYSICAL ENGINEERING, OTHER
270423	MATHEMATICS 3, UNIFIED	141700	INDUSTRIAL ENGINEERING, OTHER
270424	MATHEMATICS, INDEPENDENT STUDY	141800	MATERIALS ENGINEERING, OTHER
270430	PRE-IB ALGEBRA 2/TRIGONOMETRY	141900	MECHANICAL ENGINEERING, OTHER
270431	IB MATH METHODS 1	141911	STRENGTH OF MATERIALS, MECHANICAL
270432	IB MATH STUDIES 1		TECHNOLOGY
270433	IB MATH STUDIES 2	142000	METALLURGICAL ENGINEERING, OTHER
270436	DISCRETE MATH	142011	METALLURGY/POWDER METAL BASICS
270437	FINITE MATH	142100	MINING AND MINERAL ENGINEERING, OTHER
270500	STATISTICS, 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

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CSSC CODE	TITLE	CSSC CODE	TITLE
142700	SYSTEMS ENGINEERING, OTHER	400561	CHEMISTRY, INDEPENDENT STUDY
142800	TEXTILE ENGINEERING, OTHER	400600	GEOLOGICAL SCIENCES, OTHER
149900	ENGINEERING, OTHER	400611	EARTH SCIENCE
260100	BIOLOGY, OTHER GENERAL	400621	EARTH SCIENCE, COLLEGE PREPARATORY
260111	SCIENCE 7	400622	AP ENVIRONMENTAL SCIENCE
260121	BIOLOGY, BASIC 1	400631	GEOLOGY
260122	BIOLOGY, BASIC 2	400632	GEOLOGY - FIELD STUDIES
260131	BIOLOGY, GENERAL 1	400641	MINERALOGY
260132	BIOLOGY, GENERAL 2	400700	MISCELLANEOUS PHYSICAL SCIENCES, OTHER
260141	BIOLOGY, HONORS 1	400711	OCEANOGRAPHY
260142	BIOLOGY, ADVANCED	400800	PHYSICS, OTHER
260143	PRE-IB BIOLOGY	400811	PHYSICS, GENERAL
260144	IB BIOLOGY 2	400821	PHYSICS 1
260145	IB BIOLOGY 3	400822	PHYSICS 2
260146	AP BIOLOGY	400823	IB PHYSICS
260151	FIELD BIOLOGY	400824	AP PHYSICS B
260161	GENETICS	400825	AP PHYSICS C: MECHANICS
260171	BIOPSYCHOLOGY	400826	AP PHYSICS C: ELECTRICITY/MAGNETISM
260181	BIOLOGY SEMINAR	400831	PHYSICS 2 WITHOUT CALCULUS
260200	BIOCHEMISTRY AND BIOPHYSICS, OTHER	400841	ELECTRICITY AND ELECTRONICS SCIENCE
260211	BIOCHEMISTRY	400851	ACOUSTICS
260300	BOTANY, OTHER	400900	PLANETARY SCIENCE, OTHER
260311	BOTANY	400911	ROCKETRY AND SPACE SCIENCE
260400	CELL AND MOLECULAR BIOLOGY, OTHER	401000	AEROSPACE SCIENCE, OTHER
260411	CELL BIOLOGY	401011	AEROSPACE SCIENCE
260500	MICROBIOLOGY, OTHER	409900	PHYSICAL SCIENCES, OTHER
260511	MICROBIOLOGY	410211	RADIOACTIVITY
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER	544001	FUNCTIONAL SCIENCE
260611	ECOLOGY	544009	FUNCTIONAL SCIENCE, NOT FOR CREDIT
260621	MARINE BIOLOGY	564000	SPECIAL EDUCATION GENERAL SCIENCE
260622	MARINE BIOLOGY, ADVANCED	564001	RESOURCE GENERAL SCIENCE
260631	ANATOMY	564009	RESOURCE GENERAL SCIENCE, NOT FOR CREDIT
260700	ZOOLOGY, OTHER		
260711	ZOOLOGY	STUB0210 - Survey	
260721	ZOOLOGY, VERTEBRATE	300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER
260731	ZOOLOGY, INVERTEBRATE	300111	SCIENCE, UNIFIED
260741	ANIMAL BEHAVIOR	300113	UNIFIED SCIENCE, ADVANCED
260751	PHYSIOLOGY, HUMAN	300121	SCIENCE STUDY, INDEPENDENT
260752	PHYSIOLOGY, ADVANCED	300300	ENGINEERING AND OTHER DISCIPLINES, OTHER
260761	PATHOLOGY	300311	ENGINEERING CONCEPTS
260771	COMPARATIVE EMBRYOLOGY	400100	PHYSICAL SCIENCES, OTHER GENERAL
269900	LIFE SCIENCES, OTHER	400111	SCIENCE 8
300100	BIOLOGICAL AND PHYSICAL SCIENCES, OTHER	400121	PHYSICAL SCIENCE
300111	SCIENCE, UNIFIED	400141	PHYSICAL SCIENCE, APPLIED
300112	COLLEGE PRE-SCIENCE SKILLS	400611	EARTH SCIENCE
300113	UNIFIED SCIENCE, ADVANCED	544001	FUNCTIONAL SCIENCE
300121	SCIENCE STUDY, INDEPENDENT	544009	FUNCTIONAL SCIENCE, NOT FOR CREDIT
300300	ENGINEERING AND OTHER DISCIPLINES, OTHER	564000	SPECIAL EDUCATION GENERAL SCIENCE
300311	ENGINEERING CONCEPTS	564001	RESOURCE GENERAL SCIENCE
300623	IB ENVIRONMENTAL STUDIES	564009	RESOURCE GENERAL SCIENCE, NOT FOR CREDIT
400100	PHYSICAL SCIENCES, OTHER GENERAL		
400111	SCIENCE 8	STUB0220 - Biology	
400121	PHYSICAL SCIENCE	260100	BIOLOGY, OTHER GENERAL
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES	260111	SCIENCE 7
400141	PHYSICAL SCIENCE, APPLIED	260121	BIOLOGY, BASIC 1
400200	ASTRONOMY, OTHER	260122	BIOLOGY, BASIC 2
400211	ASTRONOMY	260131	BIOLOGY, GENERAL 1
400300	ASTROPHYSICS, OTHER	260132	BIOLOGY, GENERAL 2
400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER	260141	BIOLOGY, HONORS 1
400411	METEOROLOGY	260142	BIOLOGY, ADVANCED
400500	CHEMISTRY, OTHER	260143	PRE-IB BIOLOGY
400511	CHEMISTRY, INTRODUCTORY	260144	IB BIOLOGY 2
400521	CHEMISTRY 1	260145	IB BIOLOGY 3
400522	CHEMISTRY 2	260146	AP BIOLOGY
400523	PRE-IB CHEMISTRY 1	260151	FIELD BIOLOGY
400524	IB CHEMISTRY 2	260161	GENETICS
400525	IB CHEMISTRY 3	260171	BIOPSYCHOLOGY
400526	AP CHEMISTRY	260181	BIOLOGY SEMINAR
400531	ORGANIC CHEMISTRY	260200	BIOCHEMISTRY AND BIOPHYSICS, OTHER
400541	PHYSICAL CHEMISTRY		
400551	CONSUMER CHEMISTRY		

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CSSC CODE	TITLE	CSSC CODE	TITLE
260211	BIOCHEMISTRY	140500	BIOENGINEERING AND BIOMEDICAL ENGINEERING, OTHER
260300	BOTANY, OTHER	140600	CERAMIC ENGINEERING, OTHER
260311	BOTANY	140700	CHEMICAL ENGINEERING, OTHER
260400	CELL AND MOLECULAR BIOLOGY, OTHER	140800	CIVIL ENGINEERING, OTHER
260411	CELL BIOLOGY	140900	COMPUTER ENGINEERING, OTHER
260500	MICROBIOLOGY, OTHER	141000	ELECTRICAL, ELECTRONICS AND COMMUNICATIONS ENGINEERING, OTHER
260511	MICROBIOLOGY	141100	ENGINEERING MECHANICS, OTHER
260600	MISCELLANEOUS SPECIALIZED AREAS, LIFE SCIENCES, OTHER	141200	ENGINEERING RELATED, OTHER
260611	ECOLOGY	141211	INSTRUMENTATION PHYSICS 1
260621	MARINE BIOLOGY	141212	INSTRUMENTATION PHYSICS 2
260622	MARINE BIOLOGY, ADVANCED	141213	INSTRUMENTATION PHYSICS 3
260631	ANATOMY	141214	INSTRUMENTATION PHYSICS 4
260700	ZOOLOGY, OTHER	141300	ENGINEERING SCIENCE, OTHER
260711	ZOOLOGY	141400	ENVIRONMENTAL HEALTH ENGINEERING, OTHER
260721	ZOOLOGY, VERTEBRATE	141500	GEOLOGICAL ENGINEERING, OTHER
260731	ZOOLOGY, INVERTEBRATE	141600	GEOPHYSICAL ENGINEERING, OTHER
260741	ANIMAL BEHAVIOR	141700	INDUSTRIAL ENGINEERING, OTHER
260751	PHYSIOLOGY, HUMAN	141800	MATERIALS ENGINEERING, OTHER
260752	PHYSIOLOGY, ADVANCED	141900	MECHANICAL ENGINEERING, OTHER
260761	PATHOLOGY	141911	STRENGTH OF MATERIALS, MECHANICAL TECHNOLOGY
260771	COMPARATIVE EMBRYOLOGY	142000	METALLURGICAL ENGINEERING, OTHER
269900	LIFE SCIENCES, OTHER	142100	MINING AND MINERAL ENGINEERING, OTHER
STUB0221 - AP/IB/Honors Biology		142200	NAVAL ARCHITECTURE AND MARINE ENGINEERING, OTHER
260141	BIOLOGY, HONORS 1	142300	NUCLEAR ENGINEERING, OTHER
260142	BIOLOGY, ADVANCED	142400	OCEAN ENGINEERING, OTHER
260143	PRE-IB BIOLOGY	142500	PETROLEUM ENGINEERING, OTHER
260144	IB BIOLOGY 2	400200	ASTRONOMY, OTHER
260145	IB BIOLOGY 3	400211	ASTRONOMY
260146	AP BIOLOGY	400300	ASTROPHYSICS, OTHER
260622	MARINE BIOLOGY, ADVANCED	400400	ATMOSPHERIC SCIENCES AND METEOROLOGY, OTHER
260752	PHYSIOLOGY, ADVANCED	400411	METEOROLOGY
STUB0230 - Chemistry		400800	PHYSICS, OTHER
400131	CHEMISTRY AND PHYSICS LABORATORY TECHNIQUES	400811	PHYSICS, GENERAL
400500	CHEMISTRY, OTHER	400821	PHYSICS 1
400511	CHEMISTRY, INTRODUCTORY	400822	PHYSICS 2
400521	CHEMISTRY 1	400823	IB PHYSICS
400522	CHEMISTRY 2	400824	AP PHYSICS B
400523	PRE-IB CHEMISTRY 1	400825	AP PHYSICS C: MECHANICS
400524	IB CHEMISTRY 2	400826	AP PHYSICS C: ELECTRICITY/MAGNETISM
400525	IB CHEMISTRY 3	400831	PHYSICS 2 WITHOUT CALCULUS
400526	AP CHEMISTRY	400841	ELECTRICITY AND ELECTRONICS SCIENCE
400531	ORGANIC CHEMISTRY	400851	ACOUSTICS
400541	PHYSICAL CHEMISTRY	400900	PLANETARY SCIENCE, OTHER
400551	CONSUMER CHEMISTRY	400911	ROCKETRY AND SPACE SCIENCE
400561	CHEMISTRY, INDEPENDENT STUDY	401000	AEROSPACE SCIENCE, OTHER
STUB0231 - AP/IB/Honors Chemistry		401011	AEROSPACE SCIENCE
400522	CHEMISTRY 2	STUB0241 - AP/IB/Honors Physics	
400523	PRE-IB CHEMISTRY 1	140111	ORIENTATION TO ENGINEERING
400524	IB CHEMISTRY 2	140221	AEROSPACE ENGINEERING DESIGN
400525	IB CHEMISTRY 3	141212	INSTRUMENTATION PHYSICS 2
400526	AP CHEMISTRY	141213	INSTRUMENTATION PHYSICS 3
STUB0240 - Physics		141214	INSTRUMENTATION PHYSICS 4
140100	ENGINEERING, OTHER GENERAL	400822	PHYSICS 2
140111	ORIENTATION TO ENGINEERING	400823	IB PHYSICS
140200	AEROSPACE, AERONAUTICAL, AND ASTRONAUTICAL ENGINEERING, OTHER	400824	AP PHYSICS B
140221	AEROSPACE ENGINEERING DESIGN	400825	AP PHYSICS C: MECHANICS
140300	AGRICULTURAL ENGINEERING, OTHER	400826	AP PHYSICS C: ELECTRICITY/MAGNETISM
140400	ARCHITECTURAL ENGINEERING, OTHER	400831	PHYSICS 2 WITHOUT CALCULUS
		STUB0250 - Engineering	
		140211	AEROSPACE MATERIALS
		140411	STRENGTH OF MATERIALS - ARCHITECTURAL
		142011	METALLURGY/POWDER METAL BASICS

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CSSC CODE	TITLE	CSSC CODE	TITLE
142600	SURVEYING AND MAPPING SCIENCES, OTHER	230129	PLAYS, MODERN SURVEY
142611	CARTOGRAPHY	230130	NOVELS
142700	SYSTEMS ENGINEERING, OTHER	230131	SHORT STORY
142800	TEXTILE ENGINEERING, OTHER	230132	MYSTERIES
149900	ENGINEERING, OTHER	230133	POETRY
300112	COLLEGE PRE-SCIENCE SKILLS	230134	ROCK POETRY
400600	GEOLOGICAL SCIENCES, OTHER	230135	HUMOR
400621	EARTH SCIENCE, COLLEGE PREPARATORY	230136	BIOGRAPHY
400631	GEOLOGY	230137	NON FICTION
400632	GEOLOGY - FIELD STUDIES	230138	SCIENCE FICTION
400641	MINERALOGY	230139	THEMES IN LITERATURE
400700	MISCELLANEOUS PHYSICAL SCIENCES, OTHER	230140	LITERATURE OF HUMAN VALUES
400711	OCEANOGRAPHY	230141	ETHNIC LITERATURE
409900	PHYSICAL SCIENCES, OTHER	230142	WOMEN IN LITERATURE
410211	RADIOACTIVITY	230143	SPORTS THROUGH LITERATURE
STUB0260 - Astronomy		230144	OCCULT LITERATURE
400200	ASTRONOMY, OTHER	230145	PROTEST LITERATURE
400211	ASTRONOMY	230146	YOUTH AND LITERATURE
400300	ASTROPHYSICS, OTHER	230147	HEROES
STUB0270 - Geology/Earth Science		230148	UTOPIAS
300623	IB ENVIRONMENTAL STUDIES	230149	DEATH
400600	GEOLOGICAL SCIENCES, OTHER	230150	NOBEL PRIZE AUTHORS
400611	EARTH SCIENCE	230151	SEMINAR ON AN AUTHOR
400621	EARTH SCIENCE, COLLEGE PREPARATORY	230152	ENGLISH, REAL LIFE PROBLEM SOLVING
400622	AP ENVIRONMENTAL SCIENCE	230153	READING, INDEPENDENT STUDY
400631	GEOLOGY	230154	RESEARCH TECHNIQUE
400632	GEOLOGY - FIELD STUDIES	230155	CHILDREN'S LITERATURE & FANTASY
400641	MINERALOGY	230161	ENGLISH SKILLS 1 FOR VISUALLY IMPAIRED
STUB0300 - English		230162	ENGLISH SKILLS 2 FOR VISUALLY IMPAIRED
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER	230163	ENGLISH SKILLS 3 FOR VISUALLY IMPAIRED
090411	JOURNALISM 1	230164	ENGLISH SKILLS 4 FOR VISUALLY IMPAIRED
090412	JOURNALISM 2	230165	PRE-IB ENGLISH 1 (GRADE 9)
090413	JOURNALISM 3	230166	PRE-IB ENGLISH 2 (GRADE 10)
090421	JOURNALISM INVESTIGATIONS	230167	PRE-IB ENGLISH 3 (GRADE 11)
090431	LITERARY MAGAZINE	230168	IB ENGLISH 4 (GRADE 11 OR 12)
230100	ENGLISH, OTHER GENERAL	230169	IB ENGLISH 5 (GRADE 12)
230101	ENGLISH 7	230170	AP ENGLISH LANGUAGE AND COMPOSITION
230102	ENGLISH 7, HONORS	230171	AP ENGLISH LITERATURE AND COMPOSITION
230103	ENGLISH 8, BELOW GRADE LEVEL	230200	CLASSICS, OTHER
230104	ENGLISH 8	230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN
230105	ENGLISH 8, HONORS	230300	COMPARATIVE LITERATURE, OTHER
230106	ENGLISH 1, BELOW GRADE LEVEL	230311	COMPARATIVE LITERATURE
230107	ENGLISH 1	230321	LATIN AMERICAN AUTHORS/LITERATURE
230108	ENGLISH 1, HONORS	230400	COMPOSITION, OTHER
230109	ENGLISH 2, BELOW GRADE LEVEL	230401	COMPOSITION, EXPOSITORY
230110	ENGLISH 2	230402	WRITING LABORATORY
230111	ENGLISH 2, HONORS	230403	WRITING ABOUT LITERATURE
230112	ENGLISH 3, BELOW GRADE LEVEL	230404	VOCABULARY
230113	ENGLISH 3	230405	SPELLING
230114	ENGLISH 3, HONORS	230406	GRAMMAR 7
230115	ENGLISH 4, BELOW GRADE LEVEL	230407	GRAMMAR 8
230116	ENGLISH 4	230408	GRAMMAR 9
230117	ENGLISH 4, HONORS	230409	GRAMMAR 10
230118	WORLD LITERATURE	230410	GRAMMAR 11
230119	RENAISSANCE LITERATURE	230411	GRAMMAR 12
230120	ROMANTICISM	230412	ETYMOLOGY
230121	REALISM	230415	WORD STUDY - REMEDIAL
230122	LITERATURE, CONTEMPORARY	230500	CREATIVE WRITING, OTHER
230123	IRISH LITERATURE	230511	CREATIVE WRITING 10
230124	RUSSIAN LITERATURE	230512	CREATIVE WRITING 11
230125	BIBLE AS LITERATURE	230513	CREATIVE WRITING 12
230126	MYTHOLOGY AND FABLE	230521	CREATIVE WRITING, INDEPENDENT STUDY
230127	DRAMA, INTRODUCTION	230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY), OTHER
230128	WORLD DRAMA	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

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CSSC CODE	TITLE	CSSC CODE	TITLE
230781	MEXICAN AMERICAN LITERATURE	STUB0310 - Survey English	
230800	LITERATURE, ENGLISH, OTHER	230100	ENGLISH, OTHER GENERAL
230811	BRITISH LITERATURE SURVEY	230101	ENGLISH 7
230821	SHAKESPEARE	230102	ENGLISH 7, HONORS
230831	MODERN BRITISH WRITERS	230103	ENGLISH 8, BELOW GRADE LEVEL
230841	VICTORIAN LITERATURE	230104	ENGLISH 8
230851	SATIRE, MODERN BRITISH	230105	ENGLISH 8, HONORS
230861	ARTHURIAN LEGEND	230106	ENGLISH 1, BELOW GRADE LEVEL
230871	MEDIEVAL LITERATURE	230107	ENGLISH 1
230900	RHETORIC, OTHER	230108	ENGLISH 1, HONORS
231000	SPEECH, DEBATE, AND FORENSICS, OTHER	230109	ENGLISH 2, BELOW GRADE LEVEL
231011	PUBLIC SPEAKING	230110	ENGLISH 2
231021	SPEECH 1	230111	ENGLISH 2, HONORS
231022	SPEECH 2	230112	ENGLISH 3, BELOW GRADE LEVEL
231023	SPEECH 3	230113	ENGLISH 3
231031	DEBATE PRACTICUM CONTRACT	230114	ENGLISH 3, HONORS
231100	TECHNICAL AND BUSINESS WRITING, OTHER	230115	ENGLISH 4, BELOW GRADE LEVEL
231111	TECHNICAL ENGLISH	230116	ENGLISH 4
231211	READING DEVELOPMENT 1	230117	ENGLISH 4, HONORS
231212	READING DEVELOPMENT 2	230161	ENGLISH SKILLS 1 FOR VISUALLY IMPAIRED
231213	READING DEVELOPMENT 3	230162	ENGLISH SKILLS 2 FOR VISUALLY IMPAIRED
231214	READING DEVELOPMENT 4	230163	ENGLISH SKILLS 3 FOR VISUALLY IMPAIRED
231216	ADVANCED READING AND STUDY SKILLS	230164	ENGLISH SKILLS 4 FOR VISUALLY IMPAIRED
231311	FUNCTIONAL ENGLISH 1	230165	PRE-IB ENGLISH 1 (GRADE 9)
231312	FUNCTIONAL ENGLISH 2	230166	PRE-IB ENGLISH 2 (GRADE 10)
231313	FUNCTIONAL ENGLISH 3	230167	PRE-IB ENGLISH 3 (GRADE 11)
231314	FUNCTIONAL ENGLISH 4	230168	IB ENGLISH 4 (GRADE 11 OR 12)
239900	LETTERS/ENGLISH, OTHER	230169	IB ENGLISH 5 (GRADE 12)
320109	READING DEVELOPMENT 1 (CHANGED TO 231211)	230404	VOCABULARY
320110	READING DEVELOPMENT 2 (CHANGED TO 231212)	230406	GRAMMAR 7
320112	SPEECH DEVELOPMENT (CHANGED TO 569401)	230407	GRAMMAR 8
320113	LANGUAGE, DEVELOPMENTAL (CHANGED TO 160125 OR 231311-231314)	230408	GRAMMAR 9
320114	VOICE, DEVELOPMENTAL (CHANGED TO 569401)	230409	GRAMMAR 10
320115	WORD STUDY, REMEDIAL (CHANGED TO 230415)	230410	GRAMMAR 11
320118	ENGLISH, FUNCTIONAL (CHANGED TO 231311-231314)	230411	GRAMMAR 12
542011	FUNCTIONAL LANGUAGE ARTS 1	230412	ETYMOLOGY
542019	FUNCTIONAL LANGUAGE ARTS 1, NOT FOR CREDIT	239900	LETTERS/ENGLISH, OTHER
542021	FUNCTIONAL LANGUAGE ARTS 2	STUB0320 - Literature	
542029	FUNCTIONAL LANGUAGE ARTS 2, NOT FOR CREDIT	230118	WORLD LITERATURE
542031	FUNCTIONAL LANGUAGE ARTS 3	230119	RENAISSANCE LITERATURE
542039	FUNCTIONAL LANGUAGE ARTS 3, NOT FOR CREDIT	230120	ROMANTICISM
542041	FUNCTIONAL LANGUAGE ARTS 4	230121	REALISM
542049	FUNCTIONAL LANGUAGE ARTS 4, NOT FOR CREDIT	230122	LITERATURE, CONTEMPORARY
542051	FUNCTIONAL VOCATIONAL ENGLISH	230123	IRISH LITERATURE
542059	FUNCTIONAL VOCATIONAL ENGLISH, NOT FOR CREDIT	230124	RUSSIAN LITERATURE
542101	FUNCTIONAL READING	230125	BIBLE AS LITERATURE
542109	FUNCTIONAL READING, NOT FOR CREDIT	230126	MYTHOLOGY AND FABLE
542201	FUNCTIONAL ORAL COMMUNICATION	230127	DRAMA, INTRODUCTION
542209	FUNCTIONAL ORAL COMMUNICATION, NOT FOR CREDIT	230128	WORLD DRAMA
542301	FUNCTIONAL WRITING	230129	PLAYS, MODERN SURVEY
542309	FUNCTIONAL WRITING, NOT FOR CREDIT	230130	NOVELS
542401	FUNCTIONAL ACADEMICS	230131	SHORT STORY
542409	FUNCTIONAL ACADEMICS, NOT FOR CREDIT	230132	MYSTERIES
562300	SPECIAL EDUCATION LANGUAGE ARTS	230133	POETRY
562301	RESOURCE LANGUAGE ARTS/ENGLISH	230134	ROCK POETRY
562302	DEVELOPMENTAL ENGLISH 2/RESOURCE ESE AAP ENGLISH 2	230135	HUMOR
562303	DEVELOPMENTAL ENGLISH 3/RESOURCE ESE AAP ENGLISH 3	230136	BIOGRAPHY
562304	DEVELOPMENTAL ENGLISH 4/RESOURCE ESE AAP ENGLISH 4	230137	NON FICTION
562309	RESOURCE LANGUAGE ARTS/ENGLISH, NOT FOR CREDIT	230138	SCIENCE FICTION
562310	SPECIAL EDUCATION READING	230139	THEMES IN LITERATURE
562311	RESOURCE READING	230140	LITERATURE OF HUMAN VALUES
562319	RESOURCE READING, NOT FOR CREDIT	230141	ETHNIC LITERATURE
562320	SPECIAL EDUCATION WRITING	230142	WOMEN IN LITERATURE
562321	RESOURCE WRITING	230143	SPORTS THROUGH LITERATURE
562329	RESOURCE WRITING, NOT FOR CREDIT	230144	OCCULT LITERATURE
		230145	PROTEST LITERATURE
		230146	YOUTH AND LITERATURE
		230147	HEROES

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CSSC CODE	TITLE	CSSC CODE	TITLE
230148	UTOPIAS	STUB0350 - AP/IB/Honors English	
230149	DEATH	230117	ENGLISH 4, HONORS
230150	NOBEL PRIZE AUTHORS	230165	PRE-IB ENGLISH 1 (GRADE 9)
230151	SEMINAR ON AN AUTHOR	230166	PRE-IB ENGLISH 2 (GRADE 10)
230152	ENGLISH, REAL LIFE PROBLEM SOLVING	230167	PRE-IB ENGLISH 3 (GRADE 11)
230153	READING, INDEPENDENT STUDY	230168	IB ENGLISH 4 (GRADE 11 OR 12)
230154	RESEARCH TECHNIQUE	230169	IB ENGLISH 5 (GRADE 12)
230155	CHILDREN'S LITERATURE & FANTASY	230170	AP ENGLISH LANGUAGE AND COMPOSITION
230171	AP ENGLISH LITERATURE AND COMPOSITION	230171	AP ENGLISH LITERATURE AND COMPOSITION
230200	CLASSICS, OTHER	STUB0360 - Any Remedial/Below Grade English	
230211	MYTHOLOGICAL LITERATURE, GREEK AND ROMAN	230103	ENGLISH 8, BELOW GRADE LEVEL
230300	COMPARATIVE LITERATURE, OTHER	230106	ENGLISH 1, BELOW GRADE LEVEL
230311	COMPARATIVE LITERATURE	230109	ENGLISH 2, BELOW GRADE LEVEL
230321	LATIN AMERICAN AUTHORS/LITERATURE	230112	ENGLISH 3, BELOW GRADE LEVEL
230700	LITERATURE, AMERICAN, OTHER	230115	ENGLISH 4, BELOW GRADE LEVEL
230711	AMERICAN LITERATURE	230405	SPELLING
230721	BLACK LITERATURE	230415	WORD STUDY - REMEDIAL
230731	AMERICAN DREAM IN LITERATURE	231211	READING DEVELOPMENT 1
230741	FOLKLORE, AMERICAN	231212	READING DEVELOPMENT 2
230751	INDIAN LITERATURE	231213	READING DEVELOPMENT 3
230761	STATE WRITERS	231214	READING DEVELOPMENT 4
230771	WESTERN LITERATURE	231311	FUNCTIONAL ENGLISH 1
230781	MEXICAN AMERICAN LITERATURE	231312	FUNCTIONAL ENGLISH 2
230800	LITERATURE, ENGLISH, OTHER	231313	FUNCTIONAL ENGLISH 3
230811	BRITISH LITERATURE SURVEY	231314	FUNCTIONAL ENGLISH 4
230821	SHAKESPEARE	320109	READING DEVELOPMENT 1 (CHANGED TO 231211)
230831	MODERN BRITISH WRITERS	320110	READING DEVELOPMENT 2 (CHANGED TO 231212)
230841	VICTORIAN LITERATURE	320112	SPEECH DEVELOPMENT (CHANGED TO 569401)
230851	SATIRE, MODERN BRITISH	320113	LANGUAGE, DEVELOPMENTAL (CHANGED TO 160125 OR 231311-231314)
230861	ARTHURIAN LEGEND	320114	VOICE, DEVELOPMENTAL (CHANGED TO 569401)
230871	MEDIEVAL LITERATURE	320115	WORD STUDY, REMEDIAL (CHANGED TO 230415)
231216	ADVANCED READING AND STUDY SKILLS	320118	ENGLISH, FUNCTIONAL (CHANGED TO 231311-231314)
STUB0330 - Composition		542011	FUNCTIONAL LANGUAGE ARTS 1
090400	JOURNALISM (MASS COMMUNICATIONS), OTHER	542019	FUNCTIONAL LANGUAGE ARTS 1, NOT FOR CREDIT
090411	JOURNALISM 1	542021	FUNCTIONAL LANGUAGE ARTS 2
090412	JOURNALISM 2	542029	FUNCTIONAL LANGUAGE ARTS 2, NOT FOR CREDIT
090413	JOURNALISM 3	542031	FUNCTIONAL LANGUAGE ARTS 3
090421	JOURNALISM INVESTIGATIONS	542039	FUNCTIONAL LANGUAGE ARTS 3, NOT FOR CREDIT
090431	LITERARY MAGAZINE	542041	FUNCTIONAL LANGUAGE ARTS 4
230170	AP ENGLISH LANGUAGE AND COMPOSITION	542049	FUNCTIONAL LANGUAGE ARTS 4, NOT FOR CREDIT
230171	AP ENGLISH LITERATURE AND COMPOSITION	542051	FUNCTIONAL VOCATIONAL ENGLISH
230400	COMPOSITION, OTHER	542059	FUNCTIONAL VOCATIONAL ENGLISH, NOT FOR CREDIT
230401	COMPOSITION, EXPOSITORY	542101	FUNCTIONAL READING
230402	WRITING LABORATORY	542109	FUNCTIONAL READING, NOT FOR CREDIT
230403	WRITING ABOUT LITERATURE	542301	FUNCTIONAL WRITING
230500	CREATIVE WRITING, OTHER	542309	FUNCTIONAL WRITING, NOT FOR CREDIT
230511	CREATIVE WRITING 10	542401	FUNCTIONAL ACADEMICS
230512	CREATIVE WRITING 11	542409	FUNCTIONAL ACADEMICS, NOT FOR CREDIT
230513	CREATIVE WRITING 12	562300	SPECIAL EDUCATION LANGUAGE ARTS
230521	CREATIVE WRITING, INDEPENDENT STUDY	562301	RESOURCE LANGUAGE ARTS/ENGLISH
230600	LINGUISTICS (INCLUDES PHONETICS, SEMANTICS, AND PHILOLOGY), OTHER	562302	DEVELOPMENTAL ENGLISH 2/RESOURCE ESE AAP ENGLISH 2
230611	LINGUISTICS	562303	DEVELOPMENTAL ENGLISH 3/RESOURCE ESE AAP ENGLISH 3
230900	RHETORIC, OTHER	562304	DEVELOPMENTAL ENGLISH 4/RESOURCE ESE AAP ENGLISH 4
231100	TECHNICAL AND BUSINESS WRITING, OTHER	562309	RESOURCE LANGUAGE ARTS/ENGLISH, NOT FOR CREDIT
231111	TECHNICAL ENGLISH	562310	SPECIAL EDUCATION READING
STUB0340 - Speech		562311	RESOURCE READING
231000	SPEECH, DEBATE, AND FORENSICS, OTHER	562319	RESOURCE READING, NOT FOR CREDIT
231011	PUBLIC SPEAKING	562320	SPECIAL EDUCATION WRITING
231021	SPEECH 1	562321	RESOURCE WRITING
231022	SPEECH 2	562329	RESOURCE WRITING, NOT FOR CREDIT
231023	SPEECH 3		
231031	DEBATE PRACTICUM CONTRACT		
542201	FUNCTIONAL ORAL COMMUNICATION		
542209	FUNCTIONAL ORAL COMMUNICATION, NOT FOR CREDIT		

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STUB0400 - Social Studies		130900	SOCIAL FOUNDATIONS, OTHER
		131000	SPECIAL EDUCATION, OTHER
		131100	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER
		131200	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER
050100	AREA STUDIES, OTHER	131201	TEACHER TRAINING (LECTURE AND OBERVATION)
050101	AREA STUDIES	131202	TEACHER TRAINING (ACTIVE PRACTICE / PRACTICUM)
050102	AMERICAN STUDIES, BASIC	131300	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER
050103	AMERICAN STUDIES, GENERAL	131400	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE, OTHER
050104	AMERICA'S PEOPLE AND PROBLEMS	139900	EDUCATION, OTHER
050105	AMERICAN STUDIES, HONORS	220100	LAW, OTHER
050106	NEW ENGLAND STUDIES	220111	LAW FUNDAMENTALS
050107	OLD SOUTH	220121	LAW AND YOU
050108	AMERICAN WEST	220131	STREET LAW
050109	SOUTHWEST UNITED STATES	240100	LIBERAL/GENERAL STUDIES, OTHER
050110	ANGLO AMERICA	240111	LIBERAL STUDIES
050111	NORTH AMERICA AND CURRENT EVENTS	240141	GIFTED AND TALENTED PROGRAM
050112	NORTH AND SOUTH AMERICA	300200	CLINICAL PASTORAL CARE, OTHER
050113	LATIN AMERICA	300400	HUMANITIES AND SOCIAL SCIENCES, OTHER
050114	WORLD STUDIES 1	300411	HUMANITIES
050115	WORLD STUDIES 2	300421	HUMANITIES, EUROPEAN
050116	WORLD STUDIES, HONORS	300431	HUMANITIES, AMERICAN
050117	COMPARATIVE WORLD CULTURES	300441	HUMANITIES, AFRICAN
050118	EUROPEAN CULTURE STUDIES, BASIC	300451	HUMANITIES, NEAR EAST AND FAR EAST
050119	EUROPEAN CULTURE STUDIES, GENERAL	300500	PEACE STUDIES, OTHER
050120	EUROPEAN CULTURE STUDIES, HONORS	300600	SYSTEMS SCIENCE, OTHER
050121	DEVELOPING NATIONS	300611	FUTURISTICS
050122	AFRICAN AREA STUDIES	300621	ENVIRONMENTAL SCIENCE
050123	AFRICA AND SOUTH AMERICA	300622	UNUSED CODE
050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC	300631	ENERGY AND ENVIRONMENT
050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL	300700	WOMEN'S STUDIES, OTHER
050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS	300711	WOMEN'S STUDIES
050127	ASIAN STUDIES	300721	WOMEN'S STUDIES IN LITERATURE
050128	HISTORY OF CHINA	309900	MULTI/INTERDISCIPLINARY STUDIES, OTHER
050129	ASIA, AFRICA AND MIDEAST	320119	CONTEMPORARY ISSUES, BASIC SKILLS (CHANGED TO 451033)
050130	AFRICA AND MIDDLE EAST	330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)
050131	MIDDLE EASTERN STUDIES	380100	PHILOSOPHY, OTHER
050132	MIDDLE EAST, WAR FOR SURVIVAL	380111	PHILOSOPHY
050133	U S S R	380121	ETHICS
050134	SOVIET UNION AND CHINA	380131	LOGIC
050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS	380141	EPISTEMICS
050136	HISTORY OF RUSSIA	380142	IB THEORY OF KNOWLEDGE
050137	NEGLECTED WORLD	380151	SOCIAL JUSTICE ISSUES
050138	GLOBAL EDUCATION	420100	PSYCHOLOGY, OTHER GENERAL
050139	PACIFIC RIM NATIONS	420111	PSYCHOLOGY
050140	CANADIAN AREA STUDIES	420112	PSYCHOLOGY, ADVANCED
050200	ETHNIC STUDIES, OTHER	420113	ABNORMAL PSYCHOLOGY
050211	MINORITIES IN AMERICA	420114	AP PSYCHOLOGY
050221	ETHNIC AND FAMILY HERITAGE	420115	IB PSYCHOLOGY
050231	AFRO AMERICAN STUDIES	420200	CLINICAL PSYCHOLOGY, OTHER
050241	ECONOMICS OF AFRO AMERICANS	420300	COGNITIVE PSYCHOLOGY, OTHER
050251	INDIANS OF NORTH AMERICA	420311	PSYCHOLOGY OF LEARNING
050261	JEWISH HISTORICAL SIGNIFICANCE	420321	EDUCATIONAL PSYCHOLOGY
050271	MEXICAN AMERICAN HERITAGE	420400	COMMUNITY PSYCHOLOGY, OTHER
050281	HAWAIIANA	420500	COMPARATIVE PSYCHOLOGY, OTHER
050291	HAWAIIAN CULTURE STUDIES, MODERN	420600	COUNSELING PSYCHOLOGY, OTHER
059900	AREA AND ETHNIC STUDIES, OTHER	420700	DEVELOPMENTAL PSYCHOLOGY, OTHER
090100	COMMUNICATIONS, OTHER GENERAL	420711	CHILD PSYCHOLOGY
090111	MASS MEDIA	420721	ADOLESCENT PSYCHOLOGY
090121	INTERCULTURAL COMMUNICATIONS	420731	ADJUSTMENT PSYCHOLOGY
090300	COMMUNICATIONS RESEARCH, OTHER	420800	EXPERIMENTAL PSYCHOLOGY, OTHER
090500	PUBLIC RELATIONS, OTHER	420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
090721	TELEVISION AND TASTE	421000	PERSONALITY PSYCHOLOGY, OTHER
099900	COMMUNICATIONS, OTHER	421011	HISTORICAL PERSONALITIES AND IDEAS
130100	EDUCATION, OTHER GENERAL	421021	HUMANISTIC PSYCHOLOGY
130200	BILINGUAL/BICULTURAL EDUCATION, OTHER	421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
130300	CURRICULUM AND INSTRUCTION, OTHER	421200	PSYCHOLINGUISTICS, OTHER
130400	EDUCATION ADMINISTRATION, OTHER	421300	PSYCHOMETRICS, OTHER
130500	EDUCATIONAL MEDIA, OTHER		
130600	EVALUATION AND RESEARCH, OTHER		
130700	INTERNATIONAL AND COMPARATIVE EDUCATION, OTHER		
130800	SCHOOL PSYCHOLOGY, OTHER		

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CSSC CODE	TITLE	CSSC CODE	TITLE
421400	PSYCHOPHARMACOLOGY, OTHER	450808	UNITED STATES HISTORY, ADVANCED
421411	PSYCHOPHARMACOLOGY		PLACEMENT (CHANGED TO 450814)
421500	QUANTITATIVE PSYCHOLOGY, OTHER	450809	AMERICAN HISTORY, BASIC
421600	SOCIAL PSYCHOLOGY, OTHER	450810	AMERICAN HISTORY
421611	SOCIAL PSYCHOLOGY	450811	UNITED STATES HISTORY 1
429900	PSYCHOLOGY, OTHER	450812	UNITED STATES HISTORY 2
430100	CRIMINAL JUSTICE, OTHER	450813	UNITED STATES HISTORY, HONORS
430111	LAW ENFORCEMENT	450814	AMERICAN HISTORY, ADVANCED PLACEMENT
430121	LAW SCIENCE	450815	WESTWARD MOVEMENT
430200	FIRE PROTECTION, OTHER	450816	TWENTIETH CENTURY AMERICA
430211	FIRE FIGHTING PRACTICES	450817	TWENTIES AND THIRTIES
439900	PROTECTIVE SERVICES, OTHER	450818	AMERICA SINCE 1945
440100	PUBLIC AFFAIRS, OTHER GENERAL	450819	NINETEEN SIXTIES
440200	COMMUNITY SERVICES, OTHER	450820	NINETEEN SEVENTIES
440300	INTERNATIONAL PUBLIC SERVICE, OTHER	450821	REFORM IN AMERICAN HISTORY
440400	PUBLIC ADMINISTRATION, OTHER	450822	AMERICAN INQUIRIES
440500	PUBLIC POLICY STUDIES, OTHER	450823	HISTORIC EVENTS, UNITED STATES
440600	PUBLIC WORKS, OTHER	450824	AMERICAN WARS, CAUSES AND EFFECTS
440700	SOCIAL WORK, OTHER	450825	CIVIL WAR
440711	HUMAN SERVICES	450826	CIVIL WAR, RECONSTRUCTION AND
449900	PUBLIC AFFAIRS, OTHER		INDUSTRIALISM
450100	SOCIAL SCIENCES, OTHER GENERAL	450827	WAR AND MODERN CONSCIOUSNESS
450111	SOCIAL SCIENCE, INTRODUCTION	450828	WORLD WAR II
450121	SOCIAL SCIENCE, ADVANCED THEORY AND	450829	UNITED STATES MILITARY HISTORY 1
	RESEARCH	450830	UNITED STATES MILITARY HISTORY 2
450131	SOCIAL SCIENCE SEMINAR	450831	UNITED STATES HISTORY, FIELD STUDY
450141	SOCIAL STUDIES, INDEPENDENT STUDY	450832	NORTH AMERICAN HISTORY
450200	ANTHROPOLOGY, OTHER	450833	MEXICAN HISTORY
450211	ANTHROPOLOGY	450834	SOUTH AMERICAN HISTORY
450221	COMPARATIVE CULTURAL PATTERNS	450835	WORLD HISTORY STUDIES
450231	ANTHROPOLOGY, MYTH AND MAGIC	450836	WORLD HISTORY, COLLEGE
450241	CULTURAL ANTHROPOLOGY, RESEARCH	450837	WORLD HISTORY, MODERN
450300	ARCHAEOLOGY, OTHER	450838	WORLD CIVILIZATION, 20TH CENTURY
450311	ARCHAEOLOGY	450839	WORLD CIVILIZATION, 20TH CENTURY, HONORS
450400	CRIMINOLOGY, OTHER	450840	WESTERN CIVILIZATION 9
450500	DEMOGRAPHY, OTHER	450841	WESTERN CIVILIZATION 9, HONORS
450511	POPULATION EDUCATION	450842	WESTERN CIVILIZATION, HISTORY
450600	ECONOMICS, OTHER	450843	EARLY WESTERN CIVILIZATION
450601	ECONOMICS, THEORY	450844	ADVANCED PLACEMENT WORLD HISTORY
450602	ECONOMICS AND ECONOMIC PROBLEMS	450845	ANCIENT AND CLASSICAL WORLD
450603	CONSUMER ECONOMICS	450846	ANCIENT GREEK HISTORY
450605	INSURANCE THEORY	450847	ROME AND HER EMPIRE
450606	INVESTMENT ECONOMICS	450848	ANCIENT HISTORY AND MIDDLE AGES
450607	TELEVISION AND ECONOMICS	450849	ENGLISH HISTORY
450608	ENERGY EDUCATION	450850	ENGLISH HISTORY, HONORS
450609	AMERICAN LABOR HISTORY	450851	FRENCH REVOLUTION, HONORS
450610	ECONOMICS, ANALYSIS AND CRITICISM	450852	MODERN EUROPE
450611	ECONOMICS, COLLEGE	450853	ADVANCED PLACEMENT EUROPEAN HISTORY
450612	INTERNATIONAL ECONOMICS	450854	EUROPEAN HISTORY, 20TH CENTURY
450613	AP MICROECONOMICS	450855	EUROPEAN HISTORY, ADVANCED READINGS
450614	AP MACROECONOMICS	450856	EUROPEAN HISTORY, MODERN
450615	IB MICROECONOMICS	450857	THIRD WORLD HISTORY
450616	IB MACROECONOMICS	450858	AFRICAN HISTORY
450700	GEOGRAPHY, OTHER	450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450701	GEOGRAPHY 8	450860	LATIN AMERICAN HISTORY
450702	GEOGRAPHY, UNITED STATES	450861	MIDDLE EAST HISTORY
450703	GEOGRAPHY, NORTH AMERICAN	450862	ISRAEL, HISTORY
450704	WORLD GEOGRAPHY	450863	EASTERN CIVILIZATION
450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA	450864	FAR EAST, HISTORY
450706	GEOGRAPHY, EASTERN HEMISPHERE	450865	ASIAN HISTORY, MODERN
450707	PHYSICAL GEOGRAPHY	450866	PACIFIC LANDS, HISTORY
450708	ECONOMIC AND POLITICAL GEOGRAPHY	450867	RUSSIAN HISTORY
450709	HUMAN AND CULTURAL GEOGRAPHY	450868	WORLD LEADERS, PAST AND PRESENT
450710	FIELD GEOGRAPHY, HONORS	450869	HISTORICAL RESEARCH
450711	IB WORLD GEOGRAPHY	450870	PRE-IB WORLD HISTORY
450712	AP HUMAN GEOGRAPHY	450871	IB HISTORY OF THE AMERICAS
450800	HISTORY, OTHER	450872	IB TWENTIETH CENTURY WORLD TOPICS
450801	HISTORY AND GEOGRAPHY 7	450873	IB HISTORY OF EUROPE
450802	OUR CULTURAL HERITAGE 7	450874	PRE-IB US HISTORY
450803	SOCIAL STUDIES 7, HONORS	450900	INTERNATIONAL RELATIONS, OTHER
450804	UNITED STATES HISTORY 8	450911	INTERNATIONAL RELATIONS
450805	SOCIAL STUDIES 8	450921	INTERNATIONAL RELATIONS, HONORS
450806	SOCIAL STUDIES 8, HONORS	450931	INTERNATIONAL LAW
450807	UNITED STATES HISTORY, STATE AND LOCAL	450941	MODEL SECURITY COUNCIL, LOCAL

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450951	MODEL UNITED NATIONS, LOCAL	450800	HISTORY, OTHER
450952	MODEL UNITED NATIONS, NATIONAL	450801	HISTORY AND GEOGRAPHY 7
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER	450802	OUR CULTURAL HERITAGE 7
451001	CIVICS	450803	SOCIAL STUDIES 7, HONORS
451002	STATE AND LOCAL GOVERNMENT	450804	UNITED STATES HISTORY 8
451003	GOVERNMENT, BASIC	450805	SOCIAL STUDIES 8
451004	AMERICAN GOVERNMENT	450806	SOCIAL STUDIES 8, HONORS
451005	PRESIDENCY	450807	UNITED STATES HISTORY, STATE AND LOCAL
451006	FRAMEWORK OF THE CONSTITUTION	450808	UNITED STATES HISTORY, ADVANCED PLACEMENT (CHANGED TO 450814)
451007	INDIVIDUAL VS. STATE	450809	AMERICAN HISTORY, BASIC
451008	NATIONAL STATE AND LOCAL ELECTIONS	450810	AMERICAN HISTORY
451009	ELECTIONS, POLITICS AND MORALITY, HONORS	450811	UNITED STATES HISTORY 1
451010	CONTEMPORARY WORLD AFFAIRS	450812	UNITED STATES HISTORY 2
451011	AMERICAN FOREIGN POLICY	450813	UNITED STATES HISTORY, HONORS
451012	DECISION MAKING IN A CRISIS	450814	AMERICAN HISTORY, ADVANCED PLACEMENT
451013	AMERICAN HERITAGE, HONORS	450815	WESTWARD MOVEMENT
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES	450816	TWENTIETH CENTURY AMERICA
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS	450817	TWENTIES AND THIRTIES
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC	450818	AMERICA SINCE 1945
451017	AMERICAN GOVERNMENT AND ECONOMICS	450819	NINETEEN SIXTIES
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS	450820	NINETEEN SEVENTIES
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	450821	REFORM IN AMERICAN HISTORY
451020	COMPARATIVE WORLD GOVERNMENTS	450822	AMERICAN INQUIRIES
451021	AMERICANISM VS. COMMUNISM	450823	HISTORIC EVENTS, UNITED STATES
451022	AMERICANISM VS. COMMUNISM, HONORS	450824	AMERICAN WARS, CAUSES AND EFFECTS
451023	COMMUNISM AND ITS GROWTH	450825	CIVIL WAR
451024	CIVICS, HONORS	450826	CIVIL WAR, RECONSTRUCTION AND INDUSTRIALISM
451025	WRITINGS INFLUENCING GOVERNMENT	450827	WAR AND MODERN CONSCIOUSNESS
451026	GOVERNMENT INTERNSHIP	450828	WORLD WAR II
451027	MODEL SENATE	450829	UNITED STATES MILITARY HISTORY 1
451028	POLITICAL LEADERSHIP	450830	UNITED STATES MILITARY HISTORY 2
451029	POLITICAL SCIENCE	450831	UNITED STATES HISTORY, FIELD STUDY
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT (CHANGED TO 451035 AND 451036)	450832	NORTH AMERICAN HISTORY
451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY	450833	MEXICAN HISTORY
451032	POLITICAL TURMOIL	450834	SOUTH AMERICAN HISTORY
451033	CONTEMPORARY ISSUES, BASIC SKILLS	450869	HISTORICAL RESEARCH
451034	PRE-IB AMERICAN GOVERNMENT/ECONOMICS	450874	PRE-IB US HISTORY
451035	AP AMERICAN GOVERNMENT AND POLITICS	451033	CONTEMPORARY ISSUES, BASIC SKILLS
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		
451191	HOLOCAUST		
451200	URBAN STUDIES, OTHER		
451211	URBAN PROBLEMS		
451221	URBAN ECOLOGY		
451231	TECHNOLOGY AND URBANIZATION		
459900	SOCIAL SCIENCES, OTHER		
544501	FUNCTIONAL SOCIAL STUDIES		
544509	FUNCTIONAL SOCIAL STUDIES, NOT FOR CREDIT		
564500	SPECIAL EDUCATION SOCIAL STUDIES		
564501	RESOURCE SOCIAL STUDIES		
564509	RESOURCE SOCIAL STUDIES, NOT FOR CREDIT		
STUB0410 - American History		STUB0411 - AP/IB/Honors American History	
320119	CONTEMPORARY ISSUES, BASIC SKILLS (CHANGED TO 451033)	450808	UNITED STATES HISTORY, ADVANCED PLACEMENT (CHANGED TO 450814)
330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)	450813	UNITED STATES HISTORY, HONORS
		450814	AMERICAN HISTORY, ADVANCED PLACEMENT
		450874	PRE-IB US HISTORY
		STUB0420 - World History	
		450835	WORLD HISTORY STUDIES
		450836	WORLD HISTORY, COLLEGE
		450837	WORLD HISTORY, MODERN
		450838	WORLD CIVILIZATION, 20TH CENTURY
		450839	WORLD CIVILIZATION, 20TH CENTURY, HONORS
		450840	WESTERN CIVILIZATION 9
		450841	WESTERN CIVILIZATION 9, HONORS
		450842	WESTERN CIVILIZATION, HISTORY
		450843	EARLY WESTERN CIVILIZATION
		450844	ADVANCED PLACEMENT WORLD HISTORY
		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	ADVANCED PLACEMENT EUROPEAN HISTORY
		450854	EUROPEAN HISTORY, 20TH CENTURY

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CSSC CODE	TITLE	CSSC CODE	TITLE
450855	EUROPEAN HISTORY, ADVANCED READINGS	451026	GOVERNMENT INTERNSHIP
450856	EUROPEAN HISTORY, MODERN	451027	MODEL SENATE
450857	THIRD WORLD HISTORY	451028	POLITICAL LEADERSHIP
450858	AFRICAN HISTORY	451029	POLITICAL SCIENCE
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA	451030	POLITICAL SCIENCE, ADVANCED PLACEMENT (CHANGED TO 451035 AND 451036)
450860	LATIN AMERICAN HISTORY	451031	POLITICAL SCIENCE AND GOVERNMENT - LOCAL/REGIONAL GOVERNMENT FIELD STUDY
450861	MIDDLE EAST HISTORY		POLITICAL TURMOIL
450862	ISRAEL, HISTORY	451032	PRE-IB AMERICAN GOVERNMENT/ECONOMICS
450863	EASTERN CIVILIZATION	451034	AP AMERICAN GOVERNMENT AND POLITICS
450864	FAR EAST, HISTORY	451035	AP COMPARATIVE GOVERNMENT AND POLITICS
450865	ASIAN HISTORY, MODERN	451036	IB AMERICAN GOVERNMENT
450866	PACIFIC LANDS, HISTORY	451037	
450867	RUSSIAN HISTORY		
450868	WORLD LEADERS, PAST AND PRESENT		
450870	PRE-IB WORLD HISTORY		
450871	IB HISTORY OF THE AMERICAS		
450872	IB TWENTIETH CENTURY WORLD TOPICS		
450873	IB HISTORY OF EUROPE		
STUB0421 - AP/IB/Honors WestCiv/Euro History		STUB0440 - Humanities Other	
450836	WORLD HISTORY, COLLEGE	050100	AREA STUDIES, OTHER
450839	WORLD CIVILIZATION, 20TH CENTURY, HONORS	050101	AREA STUDIES
450841	WESTERN CIVILIZATION 9, HONORS	050102	AMERICAN STUDIES, BASIC
450844	ADVANCED PLACEMENT WORLD HISTORY	050103	AMERICAN STUDIES, GENERAL
450850	ENGLISH HISTORY, HONORS	050104	AMERICA'S PEOPLE AND PROBLEMS
450851	FRENCH REVOLUTION, HONORS	050106	NEW ENGLAND STUDIES
450856	EUROPEAN HISTORY, MODERN	050107	OLD SOUTH
450870	PRE-IB WORLD HISTORY	050108	AMERICAN WEST
450871	IB HISTORY OF THE AMERICAS	050109	SOUTHWEST UNITED STATES
450872	IB TWENTIETH CENTURY WORLD TOPICS	050110	ANGLO AMERICA
450873	IB HISTORY OF EUROPE	050111	NORTH AMERICA AND CURRENT EVENTS
STUB0430 - American Government and Politics		050112	NORTH AND SOUTH AMERICA
450900	INTERNATIONAL RELATIONS, OTHER	050113	LATIN AMERICA
450911	INTERNATIONAL RELATIONS	050114	WORLD STUDIES 1
450921	INTERNATIONAL RELATIONS, HONORS	050115	WORLD STUDIES 2
450931	INTERNATIONAL LAW	050117	COMPARATIVE WORLD CULTURES
450941	MODEL SECURITY COUNCIL, LOCAL	050118	EUROPEAN CULTURE STUDIES, BASIC
450951	MODEL UNITED NATIONS, LOCAL	050119	EUROPEAN CULTURE STUDIES, GENERAL
450952	MODEL UNITED NATIONS, NATIONAL	050120	EUROPEAN CULTURE STUDIES, HONORS
451000	POLITICAL SCIENCE AND GOVERNMENT, OTHER	050121	DEVELOPING NATIONS
451001	CIVICS	050122	AFRICAN AREA STUDIES
451002	STATE AND LOCAL GOVERNMENT	050123	AFRICA AND SOUTH AMERICA
451003	GOVERNMENT, BASIC	050124	ASIAN AND AFRICAN CULTURAL STUDIES, BASIC
451004	AMERICAN GOVERNMENT	050125	ASIAN AND AFRICAN CULTURAL STUDIES, GENERAL
451005	PRESIDENCY	050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
451006	FRAMEWORK OF THE CONSTITUTION	050127	ASIAN STUDIES
451007	INDIVIDUAL VS. STATE	050128	HISTORY OF CHINA
451008	NATIONAL STATE AND LOCAL ELECTIONS	050129	ASIA, AFRICA AND MIDEAST
451009	ELECTIONS, POLITICS AND MORALITY, HONORS	050130	AFRICA AND MIDDLE EAST
451010	CONTEMPORARY WORLD AFFAIRS	050131	MIDDLE EASTERN STUDIES
451011	AMERICAN FOREIGN POLICY	050132	MIDDLE EAST, WAR FOR SURVIVAL
451012	DECISION MAKING IN A CRISIS	050133	U S S R
451013	AMERICAN HERITAGE, HONORS	050134	SOVIET UNION AND CHINA
451014	CONTEMPORARY AMERICAN POLITICAL ISSUES	050135	SOVIET UNION AND AFRO AMERICAN DEVELOPING NATIONS
451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS	050136	HISTORY OF RUSSIA
451016	AMERICAN GOVERNMENT AND ECONOMICS, BASIC	050137	NEGLECTED WORLD
451017	AMERICAN GOVERNMENT AND ECONOMICS	050138	GLOBAL EDUCATION
451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS	050139	PACIFIC RIM NATIONS
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	050140	CANADIAN AREA STUDIES
451020	COMPARATIVE WORLD GOVERNMENTS	050200	ETHNIC STUDIES, OTHER
451021	AMERICANISM VS. COMMUNISM	050211	MINORITIES IN AMERICA
451022	AMERICANISM VS. COMMUNISM, HONORS	050221	ETHNIC AND FAMILY HERITAGE
451023	COMMUNISM AND ITS GROWTH	050231	AFRO AMERICAN STUDIES
451024	CIVICS, HONORS	050241	ECONOMICS OF AFRO AMERICANS
451025	WRITINGS INFLUENCING GOVERNMENT	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

2005 High School Transcript Study Classification of
Secondary School Courses

CSSC CODE	TITLE	CSSC CODE	TITLE
090300	COMMUNICATIONS RESEARCH, OTHER	420721	ADOLESCENT PSYCHOLOGY
090500	PUBLIC RELATIONS, OTHER	420731	ADJUSTMENT PSYCHOLOGY
090721	TELEVISION AND TASTE	420800	EXPERIMENTAL PSYCHOLOGY, OTHER
099900	COMMUNICATIONS, OTHER	420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER
130100	EDUCATION, OTHER GENERAL	421000	PERSONALITY PSYCHOLOGY, OTHER
130200	BILINGUAL/BICULTURAL EDUCATION, OTHER	421011	HISTORICAL PERSONALITIES AND IDEAS
130300	CURRICULUM AND INSTRUCTION, OTHER	421021	HUMANISTIC PSYCHOLOGY
130400	EDUCATION ADMINISTRATION, OTHER	421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER
130500	EDUCATIONAL MEDIA, OTHER	421200	PSYCHOLINGUISTICS, OTHER
130600	EVALUATION AND RESEARCH, OTHER	421300	PSYCHOMETRICS, OTHER
130700	INTERNATIONAL AND COMPARATIVE EDUCATION, OTHER	421400	PSYCHOPHARMACOLOGY, OTHER
130800	SCHOOL PSYCHOLOGY, OTHER	421411	PSYCHOPHARMACOLOGY
130900	SOCIAL FOUNDATIONS, OTHER	421500	QUANTITATIVE PSYCHOLOGY, OTHER
131000	SPECIAL EDUCATION, OTHER	421600	SOCIAL PSYCHOLOGY, OTHER
131100	STUDENT COUNSELING AND PERSONNEL SERVICES, OTHER	421611	SOCIAL PSYCHOLOGY
131200	TEACHER EDUCATION, GENERAL PROGRAMS, OTHER TEACHER TRAINING (LECTURE AND OBERVATION) TEACHER TRAINING (ACTIVE PRACTICE / PRACTICUM)	429900	PSYCHOLOGY, OTHER
131300	TEACHER EDUCATION, SPECIFIC SUBJECT AREAS, OTHER	430100	CRIMINAL JUSTICE, OTHER
131400	TEACHING ENGLISH AS A SECOND LANGUAGE/FOREIGN LANGUAGE, OTHER	430111	LAW ENFORCEMENT
139900	EDUCATION, OTHER	430121	LAW SCIENCE
220100	LAW, OTHER	430200	FIRE PROTECTION, OTHER
220111	LAW FUNDAMENTALS	430211	FIRE FIGHTING PRACTICES
220121	LAW AND YOU	439900	PROTECTIVE SERVICES, OTHER
220131	STREET LAW	440100	PUBLIC AFFAIRS, OTHER GENERAL
240100	LIBERAL/GENERAL STUDIES, OTHER	440200	COMMUNITY SERVICES, OTHER
240111	LIBERAL STUDIES	440300	INTERNATIONAL PUBLIC SERVICE, OTHER
240141	GIFTED AND TALENTED PROGRAM	440400	PUBLIC ADMINISTRATION, OTHER
300200	CLINICAL PASTORAL CARE, OTHER	440500	PUBLIC POLICY STUDIES, OTHER
300400	HUMANITIES AND SOCIAL SCIENCES, OTHER	440600	PUBLIC WORKS, OTHER
300411	HUMANITIES	440700	SOCIAL WORK, OTHER
300421	HUMANITIES, EUROPEAN	440711	HUMAN SERVICES
300431	HUMANITIES, AMERICAN	449900	PUBLIC AFFAIRS, OTHER
300441	HUMANITIES, AFRICAN	450100	SOCIAL SCIENCES, OTHER GENERAL
300451	HUMANITIES, NEAR EAST AND FAR EAST	450111	SOCIAL SCIENCE, INTRODUCTION
300500	PEACE STUDIES, OTHER	450121	SOCIAL SCIENCE, ADVANCED THEORY AND RESEARCH
300600	SYSTEMS SCIENCE, OTHER	450131	SOCIAL SCIENCE SEMINAR
300611	FUTURISTICS	450141	SOCIAL STUDIES, INDEPENDENT STUDY
300621	ENVIRONMENTAL SCIENCE	450200	ANTHROPOLOGY, OTHER
300622	UNUSED CODE	450211	ANTHROPOLOGY
300631	ENERGY AND ENVIRONMENT	450221	COMPARATIVE CULTURAL PATTERNS
300700	WOMEN'S STUDIES, OTHER	450231	ANTHROPOLOGY, MYTH AND MAGIC
300711	WOMEN'S STUDIES	450241	CULTURAL ANTHROPOLOGY, RESEARCH
300721	WOMEN'S STUDIES IN LITERATURE	450300	ARCHAEOLOGY, OTHER
309900	MULTI/INTERDISCIPLINARY STUDIES, OTHER	450311	ARCHAEOLOGY
330161	UNUSED CODE	450400	CRIMINOLOGY, OTHER
380100	PHILOSOPHY, OTHER	450500	DEMOGRAPHY, OTHER
380111	PHILOSOPHY	450511	POPULATION EDUCATION
380121	ETHICS	450600	ECONOMICS, OTHER
380131	LOGIC	450601	ECONOMICS, THEORY
380141	EPISTEMICS	450602	ECONOMICS AND ECONOMIC PROBLEMS
380142	IB THEORY OF KNOWLEDGE	450603	CONSUMER ECONOMICS
380151	SOCIAL JUSTICE ISSUES	450605	INSURANCE THEORY
420100	PSYCHOLOGY, OTHER GENERAL	450606	INVESTMENT ECONOMICS
420111	PSYCHOLOGY	450607	TELEVISION AND ECONOMICS
420112	PSYCHOLOGY, ADVANCED	450608	ENERGY EDUCATION
420113	ABNORMAL PSYCHOLOGY	450609	AMERICAN LABOR HISTORY
420114	AP PSYCHOLOGY	450610	ECONOMICS, ANALYSIS AND CRITICISM
420115	IB PSYCHOLOGY	450611	ECONOMICS, COLLEGE
420200	CLINICAL PSYCHOLOGY, OTHER	450612	INTERNATIONAL ECONOMICS
420300	COGNITIVE PSYCHOLOGY, OTHER	450613	AP MICROECONOMICS
420311	PSYCHOLOGY OF LEARNING	450614	AP MACROECONOMICS
420321	EDUCATIONAL PSYCHOLOGY	450615	IB MICROECONOMICS
420400	COMMUNITY PSYCHOLOGY, OTHER	450616	IB MACROECONOMICS
420500	COMPARATIVE PSYCHOLOGY, OTHER	450700	GEOGRAPHY, OTHER
420600	COUNSELING PSYCHOLOGY, OTHER	450701	GEOGRAPHY 8
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER	450702	GEOGRAPHY, UNITED STATES
420711	CHILD PSYCHOLOGY	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

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Secondary School Courses

CSSC CODE	TITLE	CSSC CODE	TITLE
450710	FIELD GEOGRAPHY, HONORS	050128	HISTORY OF CHINA
450711	IB WORLD GEOGRAPHY	050129	ASIA, AFRICA AND MIDEAST
450712	AP HUMAN GEOGRAPHY	050130	AFRICA AND MIDDLE EAST
450801	HISTORY AND GEOGRAPHY 7	050131	MIDDLE EASTERN STUDIES
450802	OUR CULTURAL HERITAGE 7	050132	MIDDLE EAST, WAR FOR SURVIVAL
450804	UNITED STATES HISTORY 8	050137	NEGLECTED WORLD
450805	SOCIAL STUDIES 8	050138	GLOBAL EDUCATION
450809	AMERICAN HISTORY, BASIC	050139	PACIFIC RIM NATIONS
450833	MEXICAN HISTORY	450833	MEXICAN HISTORY
450834	SOUTH AMERICAN HISTORY	450834	SOUTH AMERICAN HISTORY
450840	WESTERN CIVILIZATION 9	450857	THIRD WORLD HISTORY
450841	WESTERN CIVILIZATION 9, HONORS	450858	AFRICAN HISTORY
450842	WESTERN CIVILIZATION, HISTORY	450859	AFRICA, MIDDLE EAST AND LATIN AMERICA
450843	EARLY WESTERN CIVILIZATION	450860	LATIN AMERICAN HISTORY
450853	ADVANCED PLACEMENT EUROPEAN HISTORY	450861	MIDDLE EAST HISTORY
450856	EUROPEAN HISTORY, MODERN	450862	ISRAEL, HISTORY
450857	THIRD WORLD HISTORY	450863	EASTERN CIVILIZATION
450858	AFRICAN HISTORY	450864	FAR EAST, HISTORY
450859	AFRICA, MIDDLE EAST AND LATIN AMERICA	450865	ASIAN HISTORY, MODERN
450860	LATIN AMERICAN HISTORY	450866	PACIFIC LANDS, HISTORY
450861	MIDDLE EAST HISTORY	STUB0442 - Western History / Civilization	
450862	ISRAEL, HISTORY	050118	EUROPEAN CULTURE STUDIES, BASIC
450863	EASTERN CIVILIZATION	050119	EUROPEAN CULTURE STUDIES, GENERAL
450864	FAR EAST, HISTORY	050120	EUROPEAN CULTURE STUDIES, HONORS
450865	ASIAN HISTORY, MODERN	450840	WESTERN CIVILIZATION 9
450866	PACIFIC LANDS, HISTORY	450841	WESTERN CIVILIZATION 9, HONORS
450900	INTERNATIONAL RELATIONS, OTHER	450842	WESTERN CIVILIZATION, HISTORY
450911	INTERNATIONAL RELATIONS	450843	EARLY WESTERN CIVILIZATION
450921	INTERNATIONAL RELATIONS, HONORS	450853	ADVANCED PLACEMENT EUROPEAN HISTORY
450931	INTERNATIONAL LAW	450856	EUROPEAN HISTORY, MODERN
451010	CONTEMPORARY WORLD AFFAIRS	STUB0443 - Economics	
451011	AMERICAN FOREIGN POLICY	450600	ECONOMICS, OTHER
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	450601	ECONOMICS, THEORY
451020	COMPARATIVE WORLD GOVERNMENTS	450602	ECONOMICS AND ECONOMIC PROBLEMS
451021	AMERICANISM VS. COMMUNISM	450603	CONSUMER ECONOMICS
451022	AMERICANISM VS. COMMUNISM, HONORS	450606	INVESTMENT ECONOMICS
451023	COMMUNISM AND ITS GROWTH	450607	TELEVISION AND ECONOMICS
451030	UNUSED CODE	450608	ENERGY EDUCATION
451100	SOCIOLOGY, OTHER	450609	AMERICAN LABOR HISTORY
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION	450610	ECONOMICS, ANALYSIS AND CRITICISM
451121	SOCIOLOGY, GENERAL	450611	ECONOMICS, COLLEGE
451131	SOCIOLOGY, ISSUES	450612	INTERNATIONAL ECONOMICS
451132	THE POOR IN AMERICA	450613	AP MICROECONOMICS
451141	MOBILITY IN SOCIETY	450614	AP MACROECONOMICS
451151	VIOLENCE IN AMERICA	450615	IB MICROECONOMICS
451161	DEATH AND DYING	450616	IB MACROECONOMICS
451171	SOCIOLOGY, HONORS	STUB0444 - Geography	
451181	SOCIOLOGY, RESEARCH	450700	GEOGRAPHY, OTHER
451191	HOLOCAUST	450701	GEOGRAPHY 8
451200	URBAN STUDIES, OTHER	450702	GEOGRAPHY, UNITED STATES
451211	URBAN PROBLEMS	450703	GEOGRAPHY, NORTH AMERICAN
451221	URBAN ECOLOGY	450704	WORLD GEOGRAPHY
451231	TECHNOLOGY AND URBANIZATION	450705	GEOGRAPHY, WESTERN HEMISPHERE AND AFRICA
459900	SOCIAL SCIENCES, OTHER	450706	GEOGRAPHY, EASTERN HEMISPHERE
544501	FUNCTIONAL SOCIAL STUDIES	450707	PHYSICAL GEOGRAPHY
544509	FUNCTIONAL SOCIAL STUDIES, NOT FOR CREDIT	450708	ECONOMIC AND POLITICAL GEOGRAPHY
564500	SPECIAL EDUCATION SOCIAL STUDIES	450709	HUMAN AND CULTURAL GEOGRAPHY
564501	RESOURCE SOCIAL STUDIES	450710	FIELD GEOGRAPHY, HONORS
564509	RESOURCE SOCIAL STUDIES, NOT FOR CREDIT	450711	IB WORLD GEOGRAPHY
STUB0441 - Non-Western History		450712	AP HUMAN GEOGRAPHY
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		

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CSSC CODE	TITLE	CSSC CODE	TITLE
STUB0445 - Sociology/Psychology		STUB0447 - Remedial/Below Grade Social Studies	
420100	PSYCHOLOGY, OTHER GENERAL	330161	U.S. HISTORY, REMEDIAL (CHANGED TO 450809)
420111	PSYCHOLOGY	450801	HISTORY AND GEOGRAPHY 7
420112	PSYCHOLOGY, ADVANCED	450802	OUR CULTURAL HERITAGE 7
420113	ABNORMAL PSYCHOLOGY	450804	UNITED STATES HISTORY 8
420114	AP PSYCHOLOGY	450805	SOCIAL STUDIES 8
420115	IB PSYCHOLOGY	450809	AMERICAN HISTORY, BASIC
420200	CLINICAL PSYCHOLOGY, OTHER	STUB0450 - Any AP/IB/Honors Social Studies	
420300	COGNITIVE PSYCHOLOGY, OTHER	050105	AMERICAN STUDIES, HONORS
420311	PSYCHOLOGY OF LEARNING	050116	WORLD STUDIES, HONORS
420321	EDUCATIONAL PSYCHOLOGY	050120	EUROPEAN CULTURE STUDIES, HONORS
420400	COMMUNITY PSYCHOLOGY, OTHER	050126	ASIAN AND AFRICAN CULTURAL STUDIES, HONORS
420500	COMPARATIVE PSYCHOLOGY, OTHER	300622	UNUSED CODE
420600	COUNSELING PSYCHOLOGY, OTHER	380142	IB THEORY OF KNOWLEDGE
420700	DEVELOPMENTAL PSYCHOLOGY, OTHER	420112	PSYCHOLOGY, ADVANCED
420711	CHILD PSYCHOLOGY	420114	AP PSYCHOLOGY
420721	ADOLESCENT PSYCHOLOGY	420115	IB PSYCHOLOGY
420731	ADJUSTMENT PSYCHOLOGY	450611	ECONOMICS, COLLEGE
420800	EXPERIMENTAL PSYCHOLOGY, OTHER	450613	AP MICROECONOMICS
420900	INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY, OTHER	450614	AP MACROECONOMICS
421000	PERSONALITY PSYCHOLOGY, OTHER	450615	IB MICROECONOMICS
421011	HISTORICAL PERSONALITIES AND IDEAS	450616	IB MACROECONOMICS
421021	HUMANISTIC PSYCHOLOGY	450710	FIELD GEOGRAPHY, HONORS
421100	PHYSIOLOGICAL PSYCHOLOGY, OTHER	450711	IB WORLD GEOGRAPHY
421200	PSYCHOLINGUISTICS, OTHER	450712	AP HUMAN GEOGRAPHY
421300	PSYCHOMETRICS, OTHER	450808	UNITED STATES HISTORY, ADVANCED PLACEMENT (CHANGED TO 450814)
421400	PSYCHOPHARMACOLOGY, OTHER	450813	UNITED STATES HISTORY, HONORS
421411	PSYCHOPHARMACOLOGY	450814	AMERICAN HISTORY, ADVANCED PLACEMENT
421500	QUANTITATIVE PSYCHOLOGY, OTHER	450836	WORLD HISTORY, COLLEGE
421600	SOCIAL PSYCHOLOGY, OTHER	450839	WORLD CIVILIZATION, 20TH CENTURY, HONORS
421611	SOCIAL PSYCHOLOGY	450841	WESTERN CIVILIZATION 9, HONORS
429900	PSYCHOLOGY, OTHER	450844	ADVANCED PLACEMENT WORLD HISTORY
430100	CRIMINAL JUSTICE, OTHER	450850	ENGLISH HISTORY, HONORS
430111	LAW ENFORCEMENT	450851	FRENCH REVOLUTION, HONORS
430121	LAW SCIENCE	450856	EUROPEAN HISTORY, MODERN
430200	FIRE PROTECTION, OTHER	450870	PRE-IB WORLD HISTORY
430211	FIRE FIGHTING PRACTICES	450871	IB HISTORY OF THE AMERICAS
439900	PROTECTIVE SERVICES, OTHER	450872	IB TWENTIETH CENTURY WORLD TOPICS
451100	SOCIOLOGY, OTHER	450873	IB HISTORY OF EUROPE
451111	AMERICAN SOCIAL PROBLEMS, INTRODUCTION	450874	PRE-IB US HISTORY
451121	SOCIOLOGY, GENERAL	450921	INTERNATIONAL RELATIONS, HONORS
451131	SOCIOLOGY, ISSUES	451009	ELECTIONS, POLITICS AND MORALITY, HONORS
451132	THE POOR IN AMERICA	451013	AMERICAN HERITAGE, HONORS
451141	MOBILITY IN SOCIETY	451015	CONTEMPORARY AMERICAN POLITICAL ISSUES, HONORS
451151	VIOLENCE IN AMERICA	451018	AMERICAN GOVERNMENT AND ECONOMICS, HONORS
451161	DEATH AND DYING	451022	AMERICANISM VS. COMMUNISM, HONORS
451171	SOCIOLOGY, HONORS	451024	CIVICS, HONORS
451181	SOCIOLOGY, RESEARCH	451030	POLITICAL SCIENCE, ADVANCED PLACEMENT (CHANGED TO 451035 AND 451036)
451191	HOLOCAUST	451034	PRE-IB AMERICAN GOVERNMENT/ECONOMICS
STUB0446 - International Politics		451035	AP AMERICAN GOVERNMENT AND POLITICS
450900	INTERNATIONAL RELATIONS, OTHER	451036	AP COMPARATIVE GOVERNMENT AND POLITICS
450911	INTERNATIONAL RELATIONS	451037	IB AMERICAN GOVERNMENT
450921	INTERNATIONAL RELATIONS, HONORS	451171	SOCIOLOGY, HONORS
450931	INTERNATIONAL LAW	STUB0500 - Fine Arts	
451010	CONTEMPORARY WORLD AFFAIRS	500100	VISUAL AND PERFORMING ARTS, OTHER GENERAL
451011	AMERICAN FOREIGN POLICY	500111	AESTHETICS
451019	COMPARATIVE POLITICAL SYSTEMS, BASIC	500200	CRAFTS, OTHER
451020	COMPARATIVE WORLD GOVERNMENTS	500211	CRAFTS 7
451021	AMERICANISM VS. COMMUNISM	500212	CRAFTS 8
451022	AMERICANISM VS. COMMUNISM, HONORS	500213	CRAFTS 9
451023	COMMUNISM AND ITS GROWTH		
451030	POLITICAL SCIENCE, ADVANCED PLACEMENT (CHANGED TO 451035 AND 451036)		

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Secondary School Courses

CSSC CODE	TITLE	CSSC CODE	TITLE
500214	CRAFTS 10	500708	ART 1, INDEPENDENT STUDY
500215	CRAFTS 11	500709	ART 2, INDEPENDENT STUDY
500216	CRAFTS 12	500711	ART SERVICES 10
500221	CRAFTS 11, ADVANCED	500712	ART SERVICES 11
500222	CRAFTS 12, ADVANCED	500713	ART SERVICES 12
500231	DECORATOR CRAFTS	500714	DRAWING
500241	ENAMELING	500715	PAINTING 1
500251	JEWELRY 1	500716	PAINTING 2
500252	JEWELRY 2	500717	WATERCOLOR 1
500253	JEWELRY 3	500718	CARTOONING
500254	JEWELRY 4	500719	MURAL PAINTING
500261	CERAMICS 7	500720	SCULPTURE
500262	CERAMICS 8	500721	SILK SCREEN
500263	CERAMICS 9	500722	ASSEMBLAGE
500264	CERAMICS 10	500723	PRODUCT DESIGN
500265	CERAMICS 11	500724	LIFE DRAWING
500266	CERAMICS 12	500725	CALLIGRAPHY
500271	TEXTILE DESIGN	500726	ART HISTORY AND APPRECIATION
500281	MODEL BUILDING	500727	BLACK FINE ARTS
500291	PRINTMAKING 1	500728	MEXICO, FINE ARTS
500292	PRINTMAKING 2	500729	BICULTURAL ART
500300	DANCE, OTHER	500730	ARTIST IN RESIDENCE PROGRAM
500311	MODERN DANCE FOR BEGINNERS 9	500731	ETHNIC ART HISTORY
500312	MODERN DANCE FOR BEGINNERS 10	500732	ART AS A MULTICULTURAL STUDY
500313	MODERN DANCE FOR BEGINNERS 11	500733	AP ART HISTORY
500314	MODERN DANCE FOR BEGINNERS 12	500734	AP STUDIO ART/GENERAL
500321	MODERN DANCE 9, INTERMEDIATE	500735	AP STUDIO ART/DRAWING
500322	MODERN DANCE 10, INTERMEDIATE	500736	IB ART STUDIES
500323	MODERN DANCE 11, INTERMEDIATE	500737	IB ART STUDIO
500324	MODERN DANCE 12, INTERMEDIATE	500738	AP STUDIO ART/2-D DESIGN
500331	DANCE 9, ADVANCED	500739	AP STUDIO ART/3-D DESIGN
500332	DANCE 10, ADVANCED	500900	MUSIC, OTHER
500333	DANCE 11, ADVANCED	500901	MUSIC 7
500334	DANCE 12, ADVANCED	500902	MUSIC 8
500341	PERFORMING DANCE GROUP 9	500903	BAND 7
500342	PERFORMING DANCE GROUP 10	500904	BAND 7, ADVANCED
500343	PERFORMING DANCE GROUP 11	500905	BAND 8
500344	PERFORMING DANCE GROUP 12	500906	BAND 8, ADVANCED
500351	BALLET AND JAZZ FOR BEGINNERS 9	500907	BAND 9
500352	BALLET AND JAZZ FOR BEGINNERS 10	500908	BAND 9, ADVANCED
500353	BALLET AND JAZZ FOR BEGINNERS 11	500909	BAND, CONCERT
500354	BALLET AND JAZZ FOR BEGINNERS 12	500910	BAND, MARCHING
500361	ETHNIC DANCE	500911	BAND, SYMPHONIC
500371	SQUARE DANCE	500912	ORCHESTRA 7
500381	AEROBIC DANCE	500913	ORCHESTRA 7, ADVANCED
500421	THEATER MAKEUP	500914	ORCHESTRA 8
500431	LIGHTING FUNDAMENTALS, THEATER	500915	ORCHESTRA 8, ADVANCED
500500	DRAMATIC ARTS, OTHER	500916	ORCHESTRA 9
500511	STAGECRAFT 9	500917	ORCHESTRA 9, ADVANCED
500512	STAGECRAFT 10	500918	ORCHESTRA 10
500513	STAGECRAFT 11	500919	ORCHESTRA 11
500514	STAGECRAFT 12	500920	ORCHESTRA 12
500521	IMPROVISATION AND MIME	500921	INSTRUMENTAL STRING CLASS
500531	PLAYWRITING	500922	BRASS AND PERCUSSION CLASS
500541	THEATER PRACTICUM CONTRACT	500923	WIND ENSEMBLE
500551	DRAMA, HISTORY	500924	WOODWIND CLASS
500561	DRAMA, INDEPENDENT STUDY	500925	ELECTRONIC MUSIC, INTRODUCTION
500571	IB THEATER	500926	ENSEMBLE, INSTRUMENTAL
500600	FILM ARTS, OTHER	500927	GUITAR, BEGINNING
500611	FILM STUDY	500928	GUITAR, INTERMEDIATE
500612	LANGUAGE OF THE CINEMA	500929	GUITAR, ADVANCED
500621	PHOTOGRAPHY 10	500930	HANDBELLS
500622	PHOTOGRAPHY 11, ELEMENTARY	500931	PIANO 1
500623	PHOTOGRAPHY 12, ELEMENTARY	500932	PIANO 2
500631	PHOTOGRAPHY 11, ADVANCED	500933	ORGAN
500632	PHOTOGRAPHY 12, ADVANCED	500934	MUSIC LESSONS, APPLIED
500700	FINE ARTS, OTHER	500935	CHORUS 7
500701	FINE ARTS 7	500936	CHORUS 7, ADVANCED
500702	FINE ARTS 8	500937	CHORUS 8
500703	ART, GENERAL	500938	CHORUS 8, ADVANCED
500704	ART 1	500939	CHORUS 9
500705	ART 2	500940	CHORUS 9, ADVANCED
500706	ART 3	500941	CHORUS 10
500707	ART 4	500942	CHORUS 10, ADVANCED

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CSSC CODE	TITLE	CSSC CODE	TITLE
500943	CHORUS 11	500706	ART 3
500944	CHORUS 11, ADVANCED	500707	ART 4
500945	CHORUS 12	500708	ART 1, INDEPENDENT STUDY
500946	CHORUS 12, ADVANCED	500709	ART 2, INDEPENDENT STUDY
500947	VOCAL ENSEMBLE	500711	ART SERVICES 10
500948	VOICE CLASS	500712	ART SERVICES 11
500949	HARMONY AND COMPOSITION	500713	ART SERVICES 12
500950	ARRANGING	500714	DRAWING
500951	CONDUCTING	500715	PAINTING 1
500952	MUSIC THEORY	500716	PAINTING 2
500953	MUSIC HISTORY 7	500717	WATERCOLOR 1
500954	MUSIC HISTORY 8	500718	CARTOONING
500955	MUSIC HISTORY 9	500719	MURAL PAINTING
500956	MUSIC HISTORY 10	500720	SCULPTURE
500957	MUSIC HISTORY 11	500721	SILK SCREEN
500958	MUSIC HISTORY 12	500722	ASSEMBLAGE
500959	MUSIC LITERATURE 9	500723	PRODUCT DESIGN
500960	MUSIC LITERATURE 10	500724	LIFE DRAWING
500961	MUSIC LITERATURE 11	500725	CALLIGRAPHY
500962	MUSIC LITERATURE 12	500726	ART HISTORY AND APPRECIATION
500963	MUSIC APPRECIATION	500727	BLACK FINE ARTS
500964	FOLK MUSIC, ETHNIC	500728	MEXICO, FINE ARTS
500965	MUSIC THEATER	500729	BICULTURAL ART
500966	MUSIC, INDEPENDENT STUDY	500730	ARTIST IN RESIDENCE PROGRAM
500967	MUSIC LABORATORY, GENERAL SURVEY	500731	ETHNIC ART HISTORY
500968	IB MUSIC	500732	ART AS A MULTICULTURAL STUDY
500969	AP MUSIC THEORY	500733	AP ART HISTORY
509900	VISUAL AND PERFORMING ARTS, OTHER	500734	AP STUDIO ART/GENERAL
STUB0510 - Fine Arts and Crafts		500735	AP STUDIO ART/DRAWING
500100	VISUAL AND PERFORMING ARTS, OTHER GENERAL	500736	IB ART STUDIES
500111	AESTHETICS	500737	IB ART STUDIO
500200	CRAFTS, OTHER	500738	AP STUDIO ART/2-D DESIGN
500211	CRAFTS 7	500739	AP STUDIO ART/3-D DESIGN
500212	CRAFTS 8	509900	VISUAL AND PERFORMING ARTS, OTHER
500213	CRAFTS 9	STUB0520 - Music	
500214	CRAFTS 10	500900	MUSIC, OTHER
500215	CRAFTS 11	500901	MUSIC 7
500216	CRAFTS 12	500902	MUSIC 8
500221	CRAFTS 11, ADVANCED	500903	BAND 7
500222	CRAFTS 12, ADVANCED	500904	BAND 7, ADVANCED
500231	DECORATOR CRAFTS	500905	BAND 8
500241	ENAMELING	500906	BAND 8, ADVANCED
500251	JEWELRY 1	500907	BAND 9
500252	JEWELRY 2	500908	BAND 9, ADVANCED
500253	JEWELRY 3	500909	BAND, CONCERT
500254	JEWELRY 4	500910	BAND, MARCHING
500261	CERAMICS 7	500911	BAND, SYMPHONIC
500262	CERAMICS 8	500912	ORCHESTRA 7
500263	CERAMICS 9	500913	ORCHESTRA 7, ADVANCED
500264	CERAMICS 10	500914	ORCHESTRA 8
500265	CERAMICS 11	500915	ORCHESTRA 8, ADVANCED
500266	CERAMICS 12	500916	ORCHESTRA 9
500271	TEXTILE DESIGN	500917	ORCHESTRA 9, ADVANCED
500281	MODEL BUILDING	500918	ORCHESTRA 10
500291	PRINTMAKING 1	500919	ORCHESTRA 11
500292	PRINTMAKING 2	500920	ORCHESTRA 12
500600	FILM ARTS, OTHER	500921	INSTRUMENTAL STRING CLASS
500611	FILM STUDY	500922	BRASS AND PERCUSSION CLASS
500612	LANGUAGE OF THE CINEMA	500923	WIND ENSEMBLE
500621	PHOTOGRAPHY 10	500924	WOODWIND CLASS
500622	PHOTOGRAPHY 11, ELEMENTARY	500925	ELECTRONIC MUSIC, INTRODUCTION
500623	PHOTOGRAPHY 12, ELEMENTARY	500926	ENSEMBLE, INSTRUMENTAL
500631	PHOTOGRAPHY 11, ADVANCED	500927	GUITAR, BEGINNING
500632	PHOTOGRAPHY 12, ADVANCED	500928	GUITAR, INTERMEDIATE
500700	FINE ARTS, OTHER	500929	GUITAR, ADVANCED
500701	FINE ARTS 7	500930	HANDBELLS
500702	FINE ARTS 8	500931	PIANO 1
500703	ART, GENERAL	500932	PIANO 2
500704	ART 1	500933	ORGAN
500705	ART 2	500934	MUSIC LESSONS, APPLIED

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CSSC CODE	TITLE	CSSC CODE	TITLE
500935	CHORUS 7	500351	BALLET AND JAZZ FOR BEGINNERS 9
500936	CHORUS 7, ADVANCED	500352	BALLET AND JAZZ FOR BEGINNERS 10
500937	CHORUS 8	500353	BALLET AND JAZZ FOR BEGINNERS 11
500938	CHORUS 8, ADVANCED	500354	BALLET AND JAZZ FOR BEGINNERS 12
500939	CHORUS 9	500361	ETHNIC DANCE
500940	CHORUS 9, ADVANCED	500371	SQUARE DANCE
500941	CHORUS 10	500381	AEROBIC DANCE
500942	CHORUS 10, ADVANCED	STUB0550 - Art/Music Appreciation / History	
500943	CHORUS 11	500111	AESTHETICS
500944	CHORUS 11, ADVANCED	500726	ART HISTORY AND APPRECIATION
500945	CHORUS 12	500727	BLACK FINE ARTS
500946	CHORUS 12, ADVANCED	500728	MEXICO, FINE ARTS
500947	VOCAL ENSEMBLE	500729	BICULTURAL ART
500948	VOICE CLASS	500730	ARTIST IN RESIDENCE PROGRAM
500949	HARMONY AND COMPOSITION	500731	ETHNIC ART HISTORY
500950	ARRANGING	500732	ART AS A MULTICULTURAL STUDY
500951	CONDUCTING	500733	AP ART HISTORY
500952	MUSIC THEORY	500955	MUSIC HISTORY 9
500953	MUSIC HISTORY 7	500956	MUSIC HISTORY 10
500954	MUSIC HISTORY 8	500957	MUSIC HISTORY 11
500955	MUSIC HISTORY 9	500958	MUSIC HISTORY 12
500956	MUSIC HISTORY 10	500959	MUSIC LITERATURE 9
500957	MUSIC HISTORY 11	500960	MUSIC LITERATURE 10
500958	MUSIC HISTORY 12	500961	MUSIC LITERATURE 11
500959	MUSIC LITERATURE 9	500962	MUSIC LITERATURE 12
500960	MUSIC LITERATURE 10	500963	MUSIC APPRECIATION
500961	MUSIC LITERATURE 11	500964	FOLK MUSIC, ETHNIC
500962	MUSIC LITERATURE 12	500965	MUSIC THEATER
500963	MUSIC APPRECIATION	500966	MUSIC, INDEPENDENT STUDY
500964	FOLK MUSIC, ETHNIC	500967	MUSIC LABORATORY, GENERAL SURVEY
500965	MUSIC THEATER	500968	IB MUSIC
500966	MUSIC, INDEPENDENT STUDY	500969	AP MUSIC THEORY
500967	MUSIC LABORATORY, GENERAL SURVEY	STUB0600 - Foreign Languages	
500968	IB MUSIC	160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER
500969	AP MUSIC THEORY	160111	FOREIGN LANGUAGE, EXPLORATORY
STUB0530 - Drama		160121	ENGLISH AS A SECOND LANGUAGE 1
500421	THEATER MAKEUP	160122	ENGLISH AS A SECOND LANGUAGE 2
500431	LIGHTING FUNDAMENTALS, THEATER	160123	ENGLISH AS A SECOND LANGUAGE 3
500500	DRAMATIC ARTS, OTHER	160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB
500511	STAGECRAFT 9	160125	TRANSITIONAL ENGLISH
500512	STAGECRAFT 10	160200	AFRICAN (NON-SEMITIC) LANGUAGES, OTHER
500513	STAGECRAFT 11	160211	SWAHILI 1
500514	STAGECRAFT 12	160212	SWAHILI 2
500521	IMPROVISATION AND MIME	160221	AMHARIC 1 (ETHIOPIAN)
500531	PLAYWRITING	160222	AMHARIC 2 (ETHIOPIAN)
500541	THEATER PRACTICUM CONTRACT	160300	ASIATIC LANGUAGES, OTHER
500551	DRAMA, HISTORY	160311	CANTONESE 1
500561	DRAMA, INDEPENDENT STUDY	160312	CANTONESE 2
500571	IB THEATER	160313	CANTONESE 3
STUB0540 - Dance		160314	CANTONESE 4
500300	DANCE, OTHER	160321	MANDARIN 1
500311	MODERN DANCE FOR BEGINNERS 9	160322	MANDARIN 2
500312	MODERN DANCE FOR BEGINNERS 10	160323	MANDARIN 3
500313	MODERN DANCE FOR BEGINNERS 11	160324	MANDARIN 4
500314	MODERN DANCE FOR BEGINNERS 12	160325	MANDARIN 5
500321	MODERN DANCE 9, INTERMEDIATE	160331	JAPANESE 1
500322	MODERN DANCE 10, INTERMEDIATE	160332	JAPANESE 2
500323	MODERN DANCE 11, INTERMEDIATE	160333	JAPANESE 3
500324	MODERN DANCE 12, INTERMEDIATE	160334	JAPANESE 4
500331	DANCE 9, ADVANCED	160335	JAPANESE 5
500332	DANCE 10, ADVANCED	160336	FOREIGN LANGUAGE CONTRACT, JAPANESE
500333	DANCE 11, ADVANCED	160341	HAWAIIAN 1
500334	DANCE 12, ADVANCED	160342	HAWAIIAN 2
500341	PERFORMING DANCE GROUP 9	160343	HAWAIIAN 3
500342	PERFORMING DANCE GROUP 10	160344	HAWAIIAN 4
500343	PERFORMING DANCE GROUP 11	160345	HAWAIIAN LANGUAGE AND CULTURE
500344	PERFORMING DANCE GROUP 12	160351	KOREAN 1
		160352	KOREAN 2
		160353	KOREAN 3
		160354	KOREAN 4
		160355	KOREAN 5
		160400	BALTO-SLAVIC LANGUAGES, OTHER

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160411	UKRAINIAN 1	160919	FOREIGN LANGUAGE CONTRACT, ITALIAN
160421	RUSSIAN 1	160920	LATIN 1
160422	RUSSIAN 2	160921	LATIN 2
160423	RUSSIAN 3	160922	LATIN 3
160424	RUSSIAN 4	160923	LATIN 4
160425	RUSSIAN 5	160924	LATIN 5
160426	RUSSIAN 6	160925	FOREIGN LANGUAGE CONTRACT, LATIN
160427	FOREIGN LANGUAGE CONTRACT, RUSSIAN	160926	PORTUGUESE 1
160431	CZECH 1	160927	PORTUGUESE 2
160432	CZECH 2	160928	PORTUGUESE 3
160433	CZECH 3	160929	PORTUGUESE 4
160441	POLISH 1	160930	PORTUGUESE 5
160442	POLISH 2	160931	SPANISH 7
160443	POLISH 3	160932	SPANISH 8
160444	POLISH 4	160933	SPANISH 1
160451	FINNISH 1	160934	SPANISH 2
160452	FINNISH 2	160935	SPANISH 3
160453	FINNISH 3	160936	SPANISH 4
160454	FINNISH 4	160937	SPANISH 5
160500	GERMANIC LANGUAGES, OTHER	160938	SPANISH FIELD-BASED EXPERIENCE
160501	DUTCH 1	160939	FOREIGN LANGUAGE CONTRACT, SPANISH
160502	DUTCH 2	160940	SPANISH FOR NATIVE SPEAKERS (CHANGED TO 161311-161315)
160503	DUTCH 3	160941	SPANISH FOR TRAVELERS
160511	GERMAN 7	160942	SPANISH, COMMERCIAL
160512	GERMAN 8	160943	IB FRENCH LANGUAGE
160513	GERMAN 1	160944	IB FRENCH LITERATURE
160514	GERMAN 2	160945	IB SPANISH 4
160515	GERMAN 3	160946	IB SPANISH 5
160516	GERMAN 4	160947	AP LATIN
160517	GERMAN 5	160948	AP LATIN: VERGIL
160518	GERMAN FIELD-BASED EXPERIENCE	160949	AP FRENCH LANGUAGE
160519	FOREIGN LANGUAGE CONTRACT, GERMAN	160950	AP FRENCH LITERATURE
160521	NORWEGIAN 1	160951	AP SPANISH LANGUAGE
160522	NORWEGIAN 2	160952	AP SPANISH LITERATURE
160531	SWEDISH 1	161000	NATIVE AMERICAN LANGUAGES, OTHER
160532	SWEDISH 2	161100	SEMITIC LANGUAGES, OTHER
160533	SWEDISH 3	161111	HEBREW 1
160541	YIDDISH 1	161112	HEBREW 2
160542	YIDDISH 2	161113	HEBREW 3
160543	YIDDISH 3	161114	HEBREW 4
160544	IB GERMAN 4	161115	ARABIC 1
160545	IB GERMAN 5	161116	ARABIC 2
160546	AP GERMAN LANGUAGE	161117	ARABIC 3
160600	GREEK, OTHER	161118	ARABIC 4
160611	MODERN GREEK FOR SURVIVAL	161119	FOREIGN LANGUAGE CONTRACT, ARABIC
160621	MODERN GREEK	161200	INDO-EUROPEAN LANGUAGES, OTHER
160622	MODERN GREEK 2	161211	TURKISH 1
160623	MODERN GREEK 3	161212	TURKISH 2
160624	MODERN GREEK 4	161300	NON-ENGLISH LANGUAGES FOR NATIVE SPEAKERS, OTHER
160631	CLASSICAL GREEK 1	161311	SPANISH FOR NATIVE SPEAKERS 1
160632	CLASSICAL GREEK 2	161312	SPANISH FOR NATIVE SPEAKERS 2
160633	CLASSICAL GREEK 3	161313	SPANISH FOR NATIVE SPEAKERS 3
160634	CLASSICAL GREEK 4	161314	SPANISH FOR NATIVE SPEAKERS 4
160700	INDIC LANGUAGES, OTHER	161315	SPANISH FOR NATIVE SPEAKERS 5
160800	IRANIAN LANGUAGES, OTHER	161321	PORTUGUESE FOR NATIVE SPEAKERS 1
160900	ITALIC LANGUAGES, OTHER	161322	PORTUGUESE FOR NATIVE SPEAKERS 2
160901	FRENCH 7	161323	PORTUGUESE FOR NATIVE SPEAKERS 3
160902	FRENCH 8	161324	PORTUGUESE FOR NATIVE SPEAKERS 4
160903	FRENCH 1	161331	ITALIAN FOR NATIVE SPEAKERS 1
160904	FRENCH 2	161332	ITALIAN FOR NATIVE SPEAKERS 2
160905	FRENCH 3	161333	ITALIAN FOR NATIVE SPEAKERS 3
160906	FRENCH 4	161341	JAPANESE FOR NATIVE SPEAKERS 1
160907	FRENCH 5	161342	JAPANESE FOR NATIVE SPEAKERS 2
160908	FRENCH FIELD-BASED EXPERIENCE	161343	JAPANESE FOR NATIVE SPEAKERS 3
160909	FOREIGN LANGUAGE CONTRACT, FRENCH	161344	JAPANESE FOR NATIVE SPEAKERS 4
160910	FRENCH, CONVERSATIONAL	161351	CHINESE FOR NATIVE SPEAKERS 1
160911	ITALIAN 7	161352	CHINESE FOR NATIVE SPEAKERS 2
160912	ITALIAN 8	161353	CHINESE FOR NATIVE SPEAKERS 3
160913	ITALIAN 1	161354	CHINESE FOR NATIVE SPEAKERS 4
160914	ITALIAN 2	161361	FRENCH FOR NATIVE SPEAKERS 1
160915	ITALIAN 3	161362	FRENCH FOR NATIVE SPEAKERS 2
160916	ITALIAN 4	161363	FRENCH FOR NATIVE SPEAKERS 3
160917	ITALIAN, ADVANCED PLACEMENT		
160918	ITALIAN FIELD-BASED EXPERIENCE		

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161364	FRENCH FOR NATIVE SPEAKERS 4	160941	SPANISH FOR TRAVELERS
169900	FOREIGN LANGUAGES, OTHER	160942	SPANISH, COMMERCIAL
STUB0601 - Any AP/IB/Honors Foreign Language		160945	IB SPANISH 4
160517	GERMAN 5	160946	IB SPANISH 5
160544	IB GERMAN 4	160951	AP SPANISH LANGUAGE
160545	IB GERMAN 5	160952	AP SPANISH LITERATURE
160546	AP GERMAN LANGUAGE	STUB0640 - German	
160907	FRENCH 5	160501	DUTCH 1
160917	ITALIAN 5	160502	DUTCH 2
160924	LATIN 5	160503	DUTCH 3
160937	SPANISH 5	160511	GERMAN 7
160943	IB FRENCH 4	160512	GERMAN 8
160944	IB FRENCH 5	160513	GERMAN 1
160945	IB SPANISH 4	160514	GERMAN 2
160946	IB SPANISH 5	160515	GERMAN 3
160947	AP LATIN	160516	GERMAN 4
160948	AP LATIN: VERGIL	160517	GERMAN 5
160949	AP FRENCH LANGUAGE	160518	GERMAN FIELD-BASED EXPERIENCE
160950	AP FRENCH LITERATURE	160519	FOREIGN LANGUAGE CONTRACT, GERMAN
160951	AP SPANISH LANGUAGE	160544	IB GERMAN 4
160952	AP SPANISH LITERATURE	160545	IB GERMAN 5
161315	SPANISH FOR NATIVE SPEAKERS 5	160546	AP GERMAN LANGUAGE
STUB0610 - Survey and ESOL		STUB0650 - Latin	
160100	FOREIGN LANGUAGES, MULTIPLE EMPHASIS, OTHER	160920	LATIN 1
160111	FOREIGN LANGUAGE, EXPLORATORY	160921	LATIN 2
160121	ENGLISH AS A SECOND LANGUAGE 1	160922	LATIN 3
160122	ENGLISH AS A SECOND LANGUAGE 2	160923	LATIN 4
160123	ENGLISH AS A SECOND LANGUAGE 3	160924	LATIN 5
160124	ENGLISH AS A SECOND LANGUAGE, SKILLS LAB	160947	AP LATIN
STUB0620 - French		160948	AP LATIN: VERGIL
160901	FRENCH 7	STUB0660 - Japanese	
160902	FRENCH 8	160331	JAPANESE 1
160903	FRENCH 1	160332	JAPANESE 2
160904	FRENCH 2	160333	JAPANESE 3
160905	FRENCH 3	160334	JAPANESE 4
160906	FRENCH 4	160335	JAPANESE 5
160907	FRENCH 5	160336	FOREIGN LANGUAGE CONTRACT, JAPANESE
160908	FRENCH FIELD-BASED EXPERIENCE	STUB0670 - Mandarin/Cantonese	
160909	FOREIGN LANGUAGE CONTRACT, FRENCH	160311	CANTONESE 1
160910	FRENCH, CONVERSATIONAL	160312	CANTONESE 2
160943	IB FRENCH 4	160313	CANTONESE 3
160944	IB FRENCH 5	160314	CANTONESE 4
160949	AP FRENCH LANGUAGE	160321	MANDARIN 1
160950	AP FRENCH LITERATURE	160322	MANDARIN 2
161361	FRENCH FOR NATIVE SPEAKERS 1	160323	MANDARIN 3
161362	FRENCH FOR NATIVE SPEAKERS 2	160324	MANDARIN 4
161363	FRENCH FOR NATIVE SPEAKERS 3	160325	MANDARIN 5
161364	FRENCH FOR NATIVE SPEAKERS 4	STUB0680 - Russian	
STUB0630 - Spanish		160421	RUSSIAN 1
160931	SPANISH 7	160422	RUSSIAN 2
160932	SPANISH 8	160423	RUSSIAN 3
160933	SPANISH 1	160424	RUSSIAN 4
160934	SPANISH 2	160425	RUSSIAN 5
160935	SPANISH 3	160426	RUSSIAN 6
160936	SPANISH 4	STUB0690 - Foreign Language - Other	
160937	SPANISH 5		
160938	SPANISH FIELD-BASED EXPERIENCE		
160939	FOREIGN LANGUAGE CONTRACT, SPANISH		
160940	SPANISH FOR NATIVE SPEAKERS (CHANGED TO 161311-161315)		

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CSSC CODE	TITLE	CSSC CODE	TITLE
200118	COMPREHENSIVE CONSUMER AND HOMEMAKING HOME ECONOMICS, INDEPENDENT	320105	WORK EXPERIENCE, ADVANCED
200121	CHILD DEVELOPMENT 8	320141	JOINT EFFORT TRAINING
200122	CHILD DEVELOPMENT 1	510101	EXECUTIVE INTERNSHIP
200123	CHILD DEVELOPMENT 2	510102	EXECUTIVE INTERNSHIP 2
200124	CHILD DEVELOPMENT 3	510103	INTERNATIONAL CAREERS INTERNSHIP
200125	CHILD DEVELOPMENT 4	550101	CAREER EXPLORATION
200131	CLOTHING 7	550109	CAREER EXPLORATION, NOT FOR CREDIT
200132	CLOTHING 8	550201	GENERAL WORK-STUDY/EXPERIENCE
200133	CLOTHING 1	550209	GENERAL WORK-STUDY/EXPERIENCE, NOT FOR CREDIT
200134	CLOTHING 2	550301	GENERAL WORK EXPERIENCE
200135	CLOTHING 3	550309	GENERAL WORK EXPERIENCE, NOT FOR CREDIT
200136	CLOTHING 4	550401	COMBINED VOCATIONAL/ACADEMIC PREPARATION
200137	TAILORING	550409	COMBINED VOCATIONAL/ACADEMIC PREPARATION, NOT FOR CREDIT
200141	CONSUMER EDUCATION	551001	GENERAL PRE-VOCATIONAL PREPARATION
200142	CONSUMER EDUCATION 2	551009	GENERAL PRE-VOCATIONAL PREPARATION, NOT FOR CREDIT
200153	HOME ECONOMICS LABORATORY ASSISTANT	551411	AGRICULTURAL WORK STUDY
200154	HOME ECONOMICS LEADERSHIP	552211	BUSINESS WORK STUDY 1
200161	FAMILY HEALTH 1	552221	BUSINESS WORK STUDY 2
200162	FAMILY HEALTH 2	553111	HEALTH OCCUPATIONS WORK STUDY 1
200171	FAMILY RELATIONS	553121	HEALTH OCCUPATIONS WORK STUDY 2
200172	MARRIAGE, SOCIETY AND CHANGE	554411	HOME ECONOMICS WORK STUDY 1
200173	PARENTHOOD	554421	HOME ECONOMICS WORK STUDY 2
200181	FOODS AND NUTRITION 7	555011	GENERAL INDUSTRIAL ARTS 1
200182	FOODS AND NUTRITION 8	555021	GENERAL INDUSTRIAL ARTS 2
200183	FOODS 1	555031	GENERAL INDUSTRIAL ARTS 3
200184	FOODS 2	556511	SERVICE OCCUPATIONS WORK STUDY 1
200185	FOODS 3	556521	SERVICE OCCUPATIONS WORK STUDY 2
200186	FOODS 4	557411	PRECISION PRODUCTION WORK STUDY 1
200187	INTERNATIONAL FOODS	557421	PRECISION PRODUCTION WORK STUDY 2
200188	NUTRITION	558411	CONSTRUCTION TRADES WORK STUDY 1
200191	HOME MANAGEMENT 1	558421	CONSTRUCTION TRADES WORK STUDY 2
200192	HOME MANAGEMENT 2	563201	RESOURCE CAREER EXPLORATION/PRE- VOCATIONAL SKILLS
554011	GENERAL HOME ECONOMICS 1	563209	RESOURCE CAREER EXPLORATION/PRE- VOCATIONAL SKILLS, NOT FOR CREDIT
554021	GENERAL HOME ECONOMICS 2	563211	RESOURCE TRANSITION SKILLS
554031	GENERAL HOME ECONOMICS 3	563219	RESOURCE TRANSITION SKILLS, NOT FOR CREDIT
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		
STUB0900 - General Labor Market Preparation		STUB0910 - Typewriting 1	
		070711	TYPEWRITING 1
		070721	TYPEWRITING, PERSONAL
		STUB0920 - Introductory Industrial	
010151	AGRICULTURAL MATHEMATICS	210100	INDUSTRIAL ARTS, OTHER
060511	BUSINESS ECONOMICS	210101	INDUSTRIAL ARTS 7
070171	BUSINESS MATHEMATICS 1	210102	INDUSTRIAL ARTS 8
070172	BUSINESS MATHEMATICS 2	210103	INDUSTRIAL ARTS 1
070411	BUSINESS ENGLISH 1	210104	INDUSTRIAL ARTS 2
070412	BUSINESS ENGLISH 2	210105	INDUSTRIAL ARTS 3
070711	TYPEWRITING 1	210106	INDUSTRIAL ARTS 4
070721	TYPEWRITING, PERSONAL	210107	INDUSTRY AND TECHNOLOGY
080321	JUNIOR ACHIEVEMENT	210108	INDUSTRIAL PRODUCTION
170651	NURSE'S MATHEMATICS	210109	INDUSTRIAL OCCUPATIONS 1
210100	INDUSTRIAL ARTS, OTHER	210119	ELECTRICITY AND ELECTRONICS, INTRODUCTION
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		
		STUB0930 - Work Experience / Career Exploration	
		080321	JUNIOR ACHIEVEMENT
		320102	CAREER PREPARATION
		320103	CAREER EXPLORATION
		320104	WORK EXPERIENCE
		320105	WORK EXPERIENCE, ADVANCED
		320141	JOINT EFFORT TRAINING
		510101	EXECUTIVE INTERNSHIP

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510102	EXECUTIVE INTERNSHIP 2	010241	FARM CONSTRUCTION
510103	INTERNATIONAL CAREERS INTERNSHIP	010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL
550101	CAREER EXPLORATION	010261	SOIL AND WATER MECHANICAL PRACTICES
550109	CAREER EXPLORATION, NOT FOR CREDIT	010271	SURVEYING, AGRICULTURAL
550201	GENERAL WORK-STUDY/EXPERIENCE	010300	AGRICULTURAL PRODUCTION, OTHER
550209	GENERAL WORK-STUDY/EXPERIENCE, NOT FOR CREDIT	010311	AGRICULTURAL PRODUCTION, GENERAL
550301	GENERAL WORK EXPERIENCE	010312	AGRICULTURE TECHNOLOGY 1
550309	GENERAL WORK EXPERIENCE, NOT FOR CREDIT	010313	AGRICULTURE TECHNOLOGY 2
550401	COMBINED VOCATIONAL/ACADEMIC PREPARATION	010321	ANIMAL PRODUCTION
550409	COMBINED VOCATIONAL/ACADEMIC PREPARATION, NOT FOR CREDIT	010331	CROP PRODUCTION
551001	GENERAL PRE-VOCATIONAL PREPARATION	010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER
551009	GENERAL PRE-VOCATIONAL PREPARATION, NOT FOR CREDIT	010411	AGRICULTURAL PRODUCTS AND PROCESSING 1
551411	AGRICULTURAL WORK STUDY	010412	AGRICULTURAL PRODUCTS AND PROCESSING 2
552211	BUSINESS WORK STUDY 1	010421	AGRICULTURAL PRODUCTS AND PROCESSING - COOPERATIVE EDUCATION
552221	BUSINESS WORK STUDY 2	010500	AGRICULTURAL SERVICES AND SUPPLIES, OTHER
553111	HEALTH OCCUPATIONS WORK STUDY 1	010511	AGRICULTURAL SUPPLIES MARKETING
553121	HEALTH OCCUPATIONS WORK STUDY 2	010521	ANIMAL GROOMING
554411	HOME ECONOMICS WORK STUDY 1	010600	HORTICULTURE, OTHER
554421	HOME ECONOMICS WORK STUDY 2	010611	HORTICULTURE
555011	GENERAL INDUSTRIAL ARTS 1	010621	FLORICULTURE
555021	GENERAL INDUSTRIAL ARTS 2	010631	LANDSCAPING
555031	GENERAL INDUSTRIAL ARTS 3	010632	LANDSCAPING, ADVANCED
556511	SERVICE OCCUPATIONS WORK STUDY 1	010641	GREENHOUSE MANAGEMENT
556521	SERVICE OCCUPATIONS WORK STUDY 2	010651	NURSERY OPERATIONS AND MANAGEMENT
557411	PRECISION PRODUCTION WORK STUDY 1	010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE
557421	PRECISION PRODUCTION WORK STUDY 2	010662	HORTICULTURAL MECHANICS 2
558411	CONSTRUCTION TRADES WORK STUDY 1	010671	TURF MANAGEMENT
558421	CONSTRUCTION TRADES WORK STUDY 2	010681	FRUIT AND VEGETABLE PRODUCTION
563201	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS	010700	INTERNATIONAL AGRICULTURE, OTHER
563209	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS, NOT FOR CREDIT	011421	AGRICULTURAL PRODUCTS, COOPERATIVE EDUCATION
563211	RESOURCE TRANSITION SKILLS	019900	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER
563219	RESOURCE TRANSITION SKILLS, NOT FOR CREDIT	020100	AGRICULTURAL SCIENCES, OTHER GENERAL
STUB0940 - General Labor Market Skills		020111	AGRICULTURAL SCIENCES, GENERAL
010151	AGRICULTURAL MATHEMATICS	020121	AGRICULTURAL OCCUPATIONS 1
060511	BUSINESS ECONOMICS	020122	AGRICULTURAL OCCUPATIONS 2
070171	BUSINESS MATHEMATICS 1	020123	AGRICULTURAL OCCUPATIONS 3
070172	BUSINESS MATHEMATICS 2	020124	AGRICULTURAL OCCUPATIONS 4
070411	BUSINESS ENGLISH 1	020200	ANIMAL SCIENCES, OTHER
070412	BUSINESS ENGLISH 2	020211	ANIMAL SCIENCES 1
170651	NURSE'S MATHEMATICS	020212	ANIMAL SCIENCES 2
230156	VOCATIONAL ENGLISH	020221	LIVESTOCK 9
STUB1000 - Specific Labor Market Preparation		020222	LIVESTOCK 10
010100	AGRICULTURAL BUSINESS AND MANAGEMENT, OTHER	020231	POULTRY
010111	AGRIBUSINESS, INTRODUCTION	020241	DAIRY PRODUCTION
010121	AGRICULTURAL BUSINESS OPERATION	020251	NUTRITION AND FEEDS
010131	FARM AND RANCH MANAGEMENT	020261	HORSE PRODUCTION
010141	STATE AND COMMUNITY AGRICULTURE	020262	HORSESHOEING/FARRIER TRAINING
010161	AGRICULTURAL MICROPROCESSING	020271	SMALL ANIMAL PRODUCTION 1
010171	AGRICULTURE COOPERATIVES	020272	SMALL ANIMAL PRODUCTION 2
010172	AGRICULTURAL COOPERATIVE EDUCATION 2	020281	FISH PRODUCTION
010181	AGRICULTURE, INDEPENDENT STUDY	020300	FOOD SCIENCES, OTHER
010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM	020400	PLANT SCIENCES, OTHER
010200	AGRICULTURAL MECHANICS, OTHER	020411	AGRONOMY
010211	AGRICULTURAL MECHANICS, GENERAL	020421	ORNAMENTAL HORTICULTURE 1
010212	AGRICULTURAL MECHANICS 2	020422	ORNAMENTAL HORTICULTURE 2
010213	AGRICULTURAL MECHANICS 3	020423	ORNAMENTAL HORTICULTURE 3
010214	AGRICULTURAL MECHANICS 4	020500	SOIL SCIENCES, OTHER
010221	WELDING, AGRICULTURAL	020511	SOIL SCIENCES, GENERAL
010231	POWER AND MACHINERY, AGRICULTURAL	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 EDUCATION
		030300	FISHING AND FISHERIES, OTHER

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C SSC CODE	TITLE	C SSC CODE	TITLE
030311	WATERMAN OCCUPATIONS	070112	BOOKKEEPING 2
030400	FORESTRY PRODUCTION AND PROCESSING, OTHER	070121	ACCOUNTING 1
030500	FORESTRY AND RELATED SCIENCES, OTHER	070122	ACCOUNTING 2
030511	FORESTRY SCIENCE 1	070131	ACCOUNTING, COLLEGE
030512	FORESTRY SCIENCE 2	070141	BOOKKEEPING AND ACCOUNTING 1
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE	070142	BOOKKEEPING AND ACCOUNTING 2
030600	WILDLIFE MANAGEMENT, OTHER	070151	RECORDKEEPING 1
030611	WILDLIFE MANAGEMENT	070152	RECORDKEEPING 2
030621	RURAL RECREATION	070161	OFFICE MACHINES
030711	MARINE MANAGEMENT/OCEANOGRAPHY 1	070162	OFFICE MACHINES, VOCATIONAL
030712	MARINE MANAGEMENT/OCEANOGRAPHY 2	070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER
039900	RENEWABLE NATURAL RESOURCES, OTHER	070201	BANKING AND FINANCIAL CAREERS
040100	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER GENERAL	070211	BANK TELLER
040200	ARCHITECTURE, OTHER	070221	FINANCIAL MATHEMATICS
040211	ARCHITECTURE, INTRODUCTION	070231	BANK PROOF OPERATOR
040212	ARCHITECTURE, ADVANCED	070241	BANK DATA ENTRY OCCUPATIONS
040221	ARCHITECTURAL THEORY	070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION
040300	CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER	070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER
040400	ENVIRONMENTAL DESIGN, OTHER	070311	COMPUTERS IN BUSINESS
040500	INTERIOR DESIGN, OTHER	070321	BUSINESS DATA PROCESSING 1
040511	INTERIOR DESIGN	070322	BUSINESS DATA PROCESSING 2
040600	LANDSCAPE ARCHITECTURE, OTHER	070331	BUSINESS COMPUTER PROGRAMMING 1
040700	URBAN DESIGN, OTHER	070332	BUSINESS COMPUTER PROGRAMMING 2
049900	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER	070341	KEY PUNCH OPERATOR
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL	070351	DATA ENTRY OPERATOR 1
060111	BUSINESS INTRODUCTION	070352	DATA ENTRY OPERATOR 2
060121	BUSINESS LAW	070361	KEYBOARDING
060131	BUSINESS, INDEPENDENT STUDY	070371	PERIPHERAL COMPUTER OPERATOR
060141	BUSINESS EDUCATION, COOPERATIVE	070400	OFFICE SUPERVISION AND MANAGEMENT, OTHER
060151	IB BUSINESS AND MANAGEMENT	070413	BUSINESS ENGLISH 3
060200	ACCOUNTING, OTHER	070414	BUSINESS ENGLISH 4
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS - INTEGRATED CURRICULUM	070500	PERSONNEL AND TRAINING PROGRAMS, OTHER
060300	BANKING AND FINANCE, OTHER	070600	SECRETARIAL AND RELATED PROGRAMS, OTHER
060311	FINANCIAL CAREERS	070611	SHORTHAND 1
060321	REAL ESTATE FINANCE	070612	SHORTHAND 2
060331	CONSUMER LENDING	070621	TRANSCRIPTION
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER	070631	SECRETARIAL ADMINISTRATION 1
060411	BUSINESS ORGANIZATION AND MANAGEMENT	070632	SECRETARIAL ADMINISTRATION 2
060500	BUSINESS ECONOMICS, OTHER	070641	WORD PROCESSING 1
060600	HUMAN RESOURCES DEVELOPMENT, OTHER	070642	WORD PROCESSING 2
060700	INSTITUTIONAL MANAGEMENT, OTHER	070643	WORD PROCESSING 3
060711	HOTEL AND MOTEL MANAGEMENT	070651	REPROGRAPHICS
060712	HOTEL AND MOTEL TRAINING	070661	LEGAL OFFICE PROCEDURES
060800	INSURANCE AND RISK MANAGEMENT, OTHER	070662	COURT REPORTER
060811	INSURANCE CAREERS	070671	MEDICAL OFFICE PROCEDURES
060900	INTERNATIONAL BUSINESS MANAGEMENT, OTHER	070681	LEGAL/MEDICAL OFFICE PROCEDURES
061000	INVESTMENTS AND SECURITIES, OTHER	070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER
061011	INVESTMENTS AND TAXATION	070712	TYPEWRITING 2
061100	LABOR INDUSTRIAL RELATIONS, OTHER	070713	TYPEWRITING 3
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER	070731	OFFICE PROCEDURES 1
061300	MANAGEMENT SCIENCE, OTHER	070732	OFFICE PROCEDURES 2
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER	070733	SIMULATED OFFICE
061411	MARKETING MANAGEMENT AND DECISION MAKING	070741	OFFICE EDUCATION 1, COOPERATIVE
061500	ORGANIZATIONAL BEHAVIOR, OTHER	070742	OFFICE EDUCATION 2, COOPERATIVE
061600	PERSONNEL MANAGEMENT, OTHER	079900	BUSINESS AND OFFICE, OTHER
061700	REAL ESTATE, OTHER	080100	APPAREL AND ACCESSORIES MARKETING, OTHER
061711	REAL ESTATE MARKETING	080111	FASHION MERCHANDISING
061800	SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER	080121	FASHION DESIGN AND ILLUSTRATION
061811	SMALL BUSINESS MANAGEMENT	080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1
061900	TAXATION, OTHER	080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2
062000	TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT, OTHER	080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER
069900	BUSINESS AND MANAGEMENT, OTHER	080300	ENTREPRENEURSHIP, OTHER
070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER	080311	STARTING YOUR OWN BUSINESS
070111	BOOKKEEPING 1	080331	E-COMMERCE
		080400	FINANCIAL SERVICES MARKETING, OTHER
		080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER

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080511	FLORAL SALES	110151	ARTIFICIAL INTELLIGENCE
080600	FOOD MARKETING, OTHER	110152	MULTIMEDIA COMPUTER APPLICATIONS
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW	110161	DESKTOP COMPUTER APPLICATION SUITES
080612	GROCERY MANAGEMENT	110200	COMPUTER PROGRAMMING, OTHER
080621	FOOD MARKETING - COOPERATIVE EDUCATION 1	110211	COMPUTER PROGRAMMING 1
080622	FOOD MARKETING - COOPERATIVE EDUCATION 2	110212	COMPUTER PROGRAMMING 2
080700	GENERAL MARKETING, OTHER	110213	COMPUTER PROGRAMMING 3
080711	DISTRIBUTIVE EDUCATION 1	110221	FORTRAN, INTRODUCTION
080712	DISTRIBUTIVE EDUCATION 2	110231	PASCAL, INTRODUCTION
080713	DISTRIBUTIVE EDUCATION 3	110232	ADVANCED PASCAL
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE	110241	BASIC, INTRODUCTION
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE	110242	ADVANCED BASIC
080731	SALESMANSHIP	110251	COBOL, INTRODUCTION
080741	RETAIL LEARNING LABORATORY	110252	ADVANCED COBOL
080751	CASHIER CHECKER TRAINING	110261	LOGO, INTRODUCTION
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING	110271	RPG PROGRAMMING, INTRODUCTION
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY	110272	C PROGRAMMING
080781	TELEPHONE SERVICE REPRESENTATIVE	110273	C++ PROGRAMMING
080782	TELEPHONE DIRECTORY ASSISTANT	110300	DATA PROCESSING, OTHER
080800	HOME AND OFFICE PRODUCTS MARKETING, OTHER	110311	DATA PROCESSING, INTRODUCTION
080811	COMPUTER SALES REPRESENTATIVE	110312	DATA PROCESSING, INTERMEDIATE
080900	HOSPITALITY AND RECREATION MARKETING, OTHER	110313	DATA PROCESSING, ADVANCED
080911	ORIENTATION TO HOSPITALITY CAREERS	110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION
080921	HOSPITALITY SALES 1	110601	HTML
080922	HOSPITALITY SALES 2	110602	JAVA, JAVA SCRIPT
081000	INSURANCE MARKETING, OTHER	110603	WEB SITE DESIGN, DEVELOPMENT
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER	110604	NETWORK ADMINISTRATION/MANAGEMENT
081111	TOURISM SERVICES	120100	DRY CLEANING AND LAUNDERING SERVICES, OTHER
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION	120111	DRY CLEANING 1
081200	VEHICLES AND PETROLEUM MARKETING, OTHER	120112	DRY CLEANING 2
081211	AUTO PARTS MERCHANDISING	120300	FUNERAL SERVICES, OTHER
081221	AUTOMOTIVE PROFESSIONAL TRAINING	120400	PERSONAL SERVICES, OTHER
089900	MARKETING AND DISTRIBUTION, OTHER	120411	COSMETOLOGY
090200	ADVERTISING, OTHER	120412	COSMETOLOGY 2
090211	ADVERTISING	120413	COSMETOLOGY 3
090600	RADIO/TELEVISION NEWS BROADCAST, OTHER	120414	COSMETOLOGY - COOPERATIVE EDUCATION 2, PART 1
090611	BROADCAST JOURNALISM	120415	COSMETOLOGY - COOPERATIVE EDUCATION 2, PART 2
090612	CAREERS IN RADIO/TELEVISION BROADCASTING	120421	BARBERING 1
090700	RADIO/TELEVISION, OTHER GENERAL	120422	BARBERING 2
090711	BROADCASTING, INTRODUCTION	120423	BARBERING 3
090831	CRYPTOGRAPHY	120431	PERSONAL SERVICES OCCUPATIONS
100100	COMMUNICATION TECHNOLOGIES, OTHER	120511	GENERAL SERVICES OCCUPATIONS 1
100111	WORLD OF COMMUNICATIONS	120512	GENERAL SERVICES OCCUPATIONS 2
100121	COMMUNICATIONS MEDIA PRODUCTION	120513	GENERAL SERVICES OCCUPATIONS 3
100131	PHOTOGRAPHY, COMMERCIAL	120514	GENERAL SERVICES OCCUPATIONS 4
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL	120521	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 1
100141	BROADCAST MANAGEMENT 1	120522	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 2
100142	BROADCAST MANAGEMENT 2	120523	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 3
100143	BROADCASTING PRACTICUM	120531	INDUSTRIAL MAINTENANCE/MECHANICS 1
100151	FILM MAKING AND PRODUCTION 1	120532	INDUSTRIAL MAINTENANCE/MECHANICS 2
100152	FILM MAKING AND PRODUCTION 2	129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER
100161	RADIO PRODUCTION	150100	ARCHITECTURAL TECHNOLOGIES, OTHER
100171	TELEVISION PRODUCTION 1	150111	STRUCTURAL ENGINEERING TECHNICIAN
100172	TELEVISION PRODUCTION 2	150200	CIVIL TECHNOLOGIES, OTHER
100173	TELEVISION PRODUCTION 3	150211	SURVEYING
100174	TELEVISION PRODUCTION 4	150221	CIVIL ENGINEERING TECHNICIAN
100181	CABLE TELEVISION	150300	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER
100191	RADIO/TELEVISION PRODUCTION 1	150311	AUDIO ELECTRONICS
100192	RADIO/TELEVISION PRODUCTION 2	150321	ELECTRICAL TECHNOLOGY
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL	150331	ELECTRONIC TECHNOLOGY 1
110112	INTRODUCTION TO INTERNET AND THE WORLD WIDE WEB	150332	ELECTRONIC TECHNOLOGY 2
110131	COMPUTER APPLICATIONS	150333	ELECTRONICS FABRICATION
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY	150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN
110141	COMPUTER SCIENCES 3		
110142	IB COMPUTER SCIENCE		
110143	AP COMPUTER SCIENCE A		
110144	AP COMPUTER SCIENCE AB		

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150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES, OTHER	180500	EMERGENCY/DISASTER SCIENCE, OTHER
150411	ELECTROMECHANICAL TECHNOLOGY 1	180600	EPIDEMIOLOGY, OTHER
150412	ELECTROMECHANICAL TECHNOLOGY 2	180700	HEALTH SCIENCES ADMINISTRATION, OTHER
150421	INSTRUMENTATION TECHNOLOGY	180800	HEMATOLOGY, OTHER
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)	180900	MEDICAL LABORATORY, OTHER
150500	ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER	181000	MEDICINE, OTHER
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES	181100	NURSING, OTHER
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER	181200	OPTOMETRY, OTHER
150601	INDUSTRIAL RESEARCH AND DEVELOPMENT	181300	OSTEOPATHIC MEDICINE, OTHER
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1	181400	PHARMACY, OTHER
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2	181411	PHARMACY TECHNICIAN
150621	CHEMICAL MANUFACTURING TECHNOLOGY	181500	PODIATRY, OTHER
150631	OPTICS TECHNOLOGY	181600	POPULATION AND FAMILY PLANNING, OTHER
150700	QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER	181700	PRE-DENTISTRY, OTHER
150711	QUALITY CONTROL TECHNOLOGY	181800	PRE-MEDICINE, OTHER
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER	181801	MEDICAL ETHICS
150811	AUTOMOTIVE DESIGN AND TECHNOLOGY	181900	PRE-PHARMACY, OTHER
150821	MECHANICAL ENGINEERING TECHNOLOGY	182000	PRE-VETERINARY, OTHER
150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER	182100	PROSECTORIAL SCIENCE, OTHER
150911	MINING TECHNOLOGY	182200	PUBLIC HEALTH LABORATORY SCIENCE, OTHER
150921	PETROLEUM TECHNOLOGY	182300	TOXICOLOGY (CLINICAL), OTHER
151001	PC OPERATING SYSTEMS	182400	VETERINARY MEDICINE, OTHER
159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER	182501	BIO-MEDICAL TECHNOLOGY, GENERAL
170100	DENTAL SERVICES, OTHER	189900	HEALTH SCIENCES, OTHER
170111	DENTAL ASSISTANT 1	200126	CURRENT ISSUES IN CHILD DEVELOPMENT
170112	DENTAL ASSISTANT 2	200151	HOME ECONOMICS OCCUPATIONS 1, EXPLORATORY
170121	DENTAL ASSISTANT, COOPERATIVE	200152	HOME ECONOMICS OCCUPATIONS 2, EXPLORATORY
170131	DENTAL TECHNOLOGY 1	200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1
170132	DENTAL TECHNOLOGY 2	200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2
170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER	200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER
170211	FIRST AID	200211	CHILD CARE SERVICES
170221	EKG TECHNICIAN	200221	CHILD CARE AIDE
170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER	200231	CHILD CARE MANAGEMENT
170311	LABORATORY PROGRAM 1	200241	FOSTER CARE AND FAMILY CARE
170312	LABORATORY PROGRAM 2	200251	TEACHER AIDE/ELEMENTARY
170321	CHEMICAL TECHNOLOGY 1	200252	TEACHER AIDE/SECONDARY
170322	CHEMICAL TECHNOLOGY 2	200261	CHILD CARE - COOPERATIVE EDUCATION 1
170400	MENTAL HEALTH/HUMAN SERVICES, OTHER	200262	CHILD CARE - COOPERATIVE EDUCATION 2
170411	HOME HEALTH AIDE	200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
170421	COMMUNITY HEALTH	200311	CLOTHING OCCUPATIONS 1
170431	MENTAL HEALTH WORKER	200312	CLOTHING OCCUPATIONS 2
170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER	200313	CLOTHING OCCUPATIONS 3
170511	HEALTH OCCUPATIONS 1	200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 1
170521	HEALTH OCCUPATIONS 2	200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2
170522	CENTRAL SERVICE TECHNICIAN	200321	CLOTHING MAINTENANCE AIDE
170531	MEDICAL TERMINOLOGY	200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION
170541	MEDICAL RECORDS SECRETARY	200341	CUSTOM APPAREL CONSTRUCTION
170551	MEDICAL ASSISTING	200351	CUSTOM TAILORING AND ALTERATION
170571	VETERINARY SCIENCE	200361	WEDDING AND SPECIALTY CONSULTING
170581	CHEMISTRY FOR HEALTH SCIENCE	200371	FASHION AND FABRIC COORDINATION
170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY	200381	TEXTILES TESTING
170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1	200391	CLOTHING PRODUCTION MANAGEMENT
170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2	200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER
170600	NURSING-RELATED SERVICES, OTHER	200411	FOOD SERVICE TRAINING
170611	STUDENT ASSESSMENT OF CHILD HEALTH	200412	FOOD SERVICE TRAINING 2
170621	NURSING, PRACTICAL	200413	FOOD SERVICES/RESTAURANT MANAGEMENT
170631	NURSE'S AIDE AND ORDERLY	200421	FOOD SERVICE COOPERATIVE TRAINING
170641	NURSE'S AIDE, COOPERATIVE	200431	BAKING
170700	OPHTHALMIC SERVICES, OTHER	200441	CHEF
170711	OPTICAL SERVICES ASSISTANT	200451	CATERING
170800	REHABILITATION SERVICES, OTHER	200461	DIETETIC AIDE
179900	ALLIED HEALTH, OTHER	200471	FOOD TESTING
180100	AUDIOLOGY AND SPEECH PATHOLOGY, OTHER	200481	SCHOOL FOOD SERVICE
180200	BASIC CLINICAL HEALTH SCIENCES, OTHER		
180300	CHIROPRACTIC, OTHER		
180400	DENTISTRY, OTHER		

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CSSC CODE	TITLE	CSSC CODE	TITLE
200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER	320120	TEST TAKING, GENERAL (CHANGED TO 320221)
200511	HOUSING AND INTERIOR DESIGN 1	320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED
200512	HOUSING AND INTERIOR DESIGN 2	320131	COORDINATED VOCATIONAL AND ACADEMIC EDUCATION (CVAE)
200513	INTERIOR DESIGN OCCUPATIONS	410100	BIOLOGICAL TECHNOLOGIES, OTHER
200521	FLORAL DESIGN	410200	NUCLEAR TECHNOLOGIES, OTHER
200531	HOME DECORATING	410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
200541	HOME FURNISHINGS AIDE	419900	SCIENCE TECHNOLOGIES, OTHER
200551	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN	430300	INTERNATIONAL PUBLIC SERVICE, OTHER
200561	CUSTOM SLIPCOVERING AND UPHOLSTERING	430311	SECURITY GUARD
200571	HOME SERVICE ASSISTING 1	460100	BRICKMASONRY, STONEMASONRY, AND TILE SETTING, OTHER
200572	HOME SERVICE ASSISTING 2	460111	MASONRY 1
200573	HOME SERVICE ASST - COOPERATIVE EDUCATION 1	460112	MASONRY 2
200574	HOME SERVICE ASST - COOPERATIVE EDUCATION 2	460113	MASONRY 3
200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER	460121	TILE SETTING AND PLASTERING
200611	CUSTODIAL SERVICES	460131	CONCRETE TECHNICIAN
200621	EXECUTIVE HOUSEKEEPING	460200	CARPENTRY, OTHER
200631	HOMEMAKER'S AIDE	460211	CARPENTRY 1
200641	COMPANION TO THE AGED	460212	CARPENTRY 2
200642	GERIATRICS 2	460213	CARPENTRY 3
200643	GERIATRICS - COOPERATIVE EDUCATION 1	460300	ELECTRICAL AND POWER TRANSMISSION INSTALLATION, OTHER
200644	GERIATRICS - COOPERATIVE EDUCATION 2	460311	HOUSEWIRING 1
200651	CONSUMER AIDE	460312	HOUSEWIRING 2
200661	THERAPEUTIC RECREATION AIDE	460321	ELECTRIC POWER AND COMMUNICATIONS LINEWORKER
200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCATION	460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER
209900	VOCATIONAL HOME ECONOMICS, OTHER	460411	BUILDING CONSTRUCTION 1
210110	INDUSTRIAL OCCUPATIONS 2	460412	BUILDING CONSTRUCTION 2
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE	460413	BUILDING CONSTRUCTION 3
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED	460421	PAINTING AND DECORATING
210113	ELECTRICITY 1	460422	FLOORING INSTALLATION
210114	ELECTRICITY 2	460431	BUILDING MAINTENANCE
210115	ELECTRONICS 1	460432	BUILDING MAINTENANCE 2
210116	ELECTRONICS 2	460441	HOME MAINTENANCE AND REPAIR
210117	ELECTRONICS 3	460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1
210118	ELECTRONICS 4	460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2
210120	ELECTRICITY AND ELECTRONICS, ADVANCED	460500	PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER
210121	MACHINE SHOP 1	460511	PLUMBING 1
210122	MACHINE SHOP 2	460512	PLUMBING 2
210123	MACHINE SHOP 3	469900	CONSTRUCTION TRADES, OTHER
210124	MACHINE SHOP 4	470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE	470111	SMALL APPLIANCE REPAIR
210126	INDUSTRIAL ARTS RESEARCH	470121	RADIO AND TV REPAIR 1
210127	INTRODUCTION TO TECHNOLOGY	470122	RADIO AND TV REPAIR 2
210130	ELECTRICITY - COOPERATIVE EDUCATION 1	470123	RADIO AND TV REPAIR 3
210131	ELECTRICITY - COOPERATIVE EDUCATION 2	470124	TELECOMMUNICATIONS TECHNICIAN
210140	ELECTRONICS - COOPERATIVE EDUCATION 1	470131	APPLIANCE REPAIR 1
210141	ELECTRONICS - COOPERATIVE EDUCATION 2	470132	APPLIANCE REPAIR 2
210150	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 1	470141	VENDING MACHINE REPAIR
210151	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 2	470151	BUSINESS MACHINE REPAIR
250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL	470161	INDUSTRIAL ELECTRICITY
250111	LIBRARY SCIENCE	470171	INDUSTRIAL ELECTRONICS
250200	ARCHIVAL SCIENCE, OTHER	470181	FOOD PROCESSING MACHINE MAINTENANCE TECHNICIAN/REPAIR
250300	LIBRARY ASSISTING, OTHER	470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER
250311	LIBRARY ASSISTANT	470211	AIR CONDITIONING, REFRIGERATION, AND HEATING
250400	LIBRARY SCIENCE, OTHER	470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED
250500	MUSEOLOGY, OTHER	470213	AIR CONDITIONING, REFRIGERATION, AND HEATING 3
259900	LIBRARY AND ARCHIVAL SCIENCES, OTHER	470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER
310100	PARKS AND RECREATION, OTHER GENERAL	470311	INDUSTRIAL MECHANICS 1
310211	WINTER/SKI RESORT OPERATION	470312	INDUSTRIAL MECHANICS 2
310300	PARKS AND RECREATION MANAGEMENT, OTHER	470321	DIESEL MECHANICS
310400	WATER RESOURCES, OTHER	470331	INDUSTRIAL MAINTENANCE MECHANICS 1
319900	PARKS AND RECREATION, OTHER		
320106	COOPERATIVE EDUCATION 1		
320107	COOPERATIVE EDUCATION 2		

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CSSC CODE	TITLE	CSSC CODE	TITLE
470332	INDUSTRIAL MAINTENANCE MECHANICS 2	480241	BINDERY
470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1	480251	ELECTRONIC COMPOSITION
470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2	480261	COPY EDITING
470343	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 3	480271	DESKTOP PUBLISHING
470400	MISCELLANEOUS MECHANICS AND REPAIRERS, OTHER	480281	DIGITAL DESIGN 1
470411	MUSICAL INSTRUMENT REPAIR	480282	DIGITAL DESIGN 2
470421	INSTRUMENT MAINTENANCE AND REPAIR	480283	DIGITAL DESIGN 3
470431	SHOE REPAIR AND ORTHOPEDICS 1	480300	LEATHERWORKING AND UPHOLSTERING, OTHER
470432	SHOE REPAIR AND ORTHOPEDICS 2	480311	LEATHERWORK 1
470433	WATCH AND CLOCK REPAIR	480312	LEATHERWORK 2
470434	BICYCLE REPAIR	480321	UPHOLSTERY
470500	STATIONARY ENERGY SOURCES, OTHER	480322	UPHOLSTERY, ADVANCED
470511	POWER MECHANICS 1	480331	AUTO UPHOLSTERY
470512	POWER MECHANICS 2	480400	PRECISION FOOD PRODUCTION, OTHER
470513	POWER MECHANICS 3	480411	MEATCUTTING 1
470514	POWER MECHANICS 4	480412	MEATCUTTING 2
470521	HYDRAULICS AND PNEUMATICS	480500	PRECISION METAL WORK, OTHER
470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS, OTHER	480511	METAL 1
470611	SMALL ENGINE REPAIR 1	480512	METAL 2
470612	SMALL ENGINE REPAIR 2	480513	METAL 3
470621	AUTO MECHANICS 1	480514	METAL 4
470622	AUTO MECHANICS 2	480521	WELDING 1
470623	AUTO MECHANICS 3	480522	WELDING 2
470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1	480523	WELDING 3
470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2	480524	WELDING - COOPERATIVE EDUCATION
470631	AUTO BODY 1	480531	SHEET METAL 1
470632	AUTO BODY 2	480532	SHEET METAL 2
470633	AUTO BODY 3	480541	METAL RESTORATION
470641	AUTO SERVICE 1	480551	FOUNDRY 1
470642	AUTO SERVICE 2	480552	FOUNDRY 2
470651	CONSUMER AUTO	480600	PRECISION WORK, ASSORTED MATERIALS, OTHER
470661	AIRFRAMES 1	480611	PLASTICS 1
470662	AIRFRAMES 2	480612	PLASTICS 2
470671	AVIATION POWERPLANT 1	480621	SPACE AGE PLASTICS
470672	AVIATION POWERPLANT 2	480700	WOODWORKING, OTHER
470673	AVIATION POWERPLANT 3	480711	WOODWORKING 1
470674	AVIATION POWERPLANT 4	480712	WOODWORKING 2
470681	AVIATION QUALITY CONTROL 1	480713	WOODWORKING 3
470682	AVIATION QUALITY CONTROL 2	480714	WOODWORKING 4
470691	AIRCRAFT SHEETMETAL 1	480721	FURNITURE REFINISHING
470692	AIRCRAFT SHEETMETAL 2	480731	CABINETMAKING 1
479900	MECHANICS AND REPAIRERS, OTHER	480732	CABINETMAKING 2
480100	DRAFTING, OTHER	489900	PRECISION PRODUCTION, OTHER
480111	MECHANICAL DRAWING 1	490100	AIR TRANSPORTATION, OTHER
480112	MECHANICAL DRAWING 2	490111	AERONAUTICS 1
480113	MECHANICAL DRAWING 3	490112	AERONAUTICS 2
480114	MECHANICAL DRAWING 4	490121	AVIATION TECHNOLOGY 1
480121	ARCHITECTURAL DRAWING 1	490122	AVIATION TECHNOLOGY 2
480122	ARCHITECTURAL DRAWING 2	490123	AVIATION TECHNOLOGY 3
480123	ARCHITECTURAL DRAWING 3	490124	AVIATION TECHNOLOGY 4
480124	ARCHITECTURAL DRAWING 4	490131	AIR TRAVEL SERVICE OCCUPATIONS
480131	ENGINEERING DRAWING 1	490141	AIRCRAFT PARTS MANAGEMENT 1
480132	ENGINEERING DRAWING 2	490142	AIRCRAFT PARTS MANAGEMENT 2
480141	BLUEPRINT READING	490200	VEHICLE AND EQUIPMENT OPERATION, OTHER
480151	DRAFTING 1, COOPERATIVE	490211	FORKLIFT OPERATOR
480152	DRAFTING 2, COOPERATIVE	490212	TRACTOR-TRAILER TRUCK DRIVING
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER	490213	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
480211	COMMERCIAL ART 1	490214	BUS DRIVER/CHAUFFEUR
480212	COMMERCIAL ART 2	490300	WATER TRANSPORTATION, OTHER
480213	COMMERCIAL ART, COOPERATIVE	490311	MARINE MECHANICS, BASIC
480214	COMMERCIAL ART 3	490312	MARINE MECHANICS, ADVANCED
480221	GRAPHIC ARTS 1	490321	BOAT BUILDING
480222	GRAPHIC ARTS 2	490331	NAVIGATION
480223	GRAPHIC ARTS 3	490341	AQUATIC OCCUPATIONS
480224	GRAPHIC ARTS 4	490411	INTRODUCTION TO TRANSPORTATION INDUSTRY
480231	SIGN PAINTING 1	490412	TRANSPORTATION TECHNOLOGY 2
480232	SIGN PAINTING 2	490421	TRANSPORTATION/TRAFFIC TECHNICIAN
480233	SIGN PAINTING 3	499900	TRANSPORTATION AND MATERIAL MOVING, OTHER
		500400	DESIGN, OTHER
		500411	GRAPHIC DESIGN
		500800	GRAPHIC ARTS TECHNOLOGY, OTHER
		500811	COMPUTER GRAPHICS DESIGN

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CSSC CODE	TITLE	CSSC CODE	TITLE
550001	GENERAL PREVOCATIONAL PREPARATION	010200	AGRICULTURAL MECHANICS, OTHER
551011	GENERAL AGRICULTURE 1	010211	AGRICULTURAL MECHANICS, GENERAL
551021	GENERAL AGRICULTURE 2	010212	AGRICULTURAL MECHANICS 2
551031	GENERAL AGRICULTURE 3	010213	AGRICULTURAL MECHANICS 3
551111	ANIMAL CARE 1	010214	AGRICULTURAL MECHANICS 4
551121	ANIMAL CARE 2	010221	WELDING, AGRICULTURAL
551211	PLANT CARE 1	010231	POWER AND MACHINERY, AGRICULTURAL
551221	PLANT CARE 2	010241	FARM CONSTRUCTION
551311	AGRICULTURAL MECHANICS 1	010251	ELECTRICITY AND ELECTRONICS, AGRICULTURAL
551321	AGRICULTURAL MECHANICS 2	010261	SOIL AND WATER MECHANICAL PRACTICES
551511	AGRICULTURAL WORK EXPERIENCE	010271	SURVEYING, AGRICULTURAL
552011	GENERAL OFFICE PRACTICE 1	010300	AGRICULTURAL PRODUCTION, OTHER
552021	GENERAL OFFICE PRACTICE 2	010311	AGRICULTURAL PRODUCTION, GENERAL
552031	GENERAL OFFICE PRACTICE 3	010312	AGRICULTURE TECHNOLOGY 1
552111	OFFICE MACHINES 1	010313	AGRICULTURE TECHNOLOGY 2
552121	OFFICE MACHINES 2	010321	ANIMAL PRODUCTION
552311	BUSINESS WORK EXPERIENCE 1	010331	CROP PRODUCTION
552321	BUSINESS WORK EXPERIENCE 2	010400	AGRICULTURAL PRODUCTS AND PROCESSING, OTHER
553011	GENERAL HEALTH OCCUPATIONS 1	010411	AGRICULTURAL PRODUCTS AND PROCESSING 1
553021	GENERAL HEALTH OCCUPATIONS 2	010412	AGRICULTURAL PRODUCTS AND PROCESSING 2
553031	GENERAL HEALTH OCCUPATIONS 3	010421	AGRICULTURAL PRODUCTS AND PROCESSING - COOPERATIVE EDUCATION
553211	HEALTH OCCUPATIONS WORK EXPERIENCE 1	010500	AGRICULTURAL SERVICES AND SUPPLIES, OTHER
553221	HEALTH OCCUPATIONS WORK EXPERIENCE 2	010511	AGRICULTURAL SUPPLIES MARKETING
556111	COSMETOLOGY/BARBER 1	010521	ANIMAL GROOMING
556121	COSMETOLOGY/BARBER 2	010600	HORTICULTURE, OTHER
556211	CUSTODIAL AND HOUSEKEEPING SERVICES 1	010611	HORTICULTURE
556221	CUSTODIAL AND HOUSEKEEPING SERVICES 2	010621	FLORICULTURE
556311	FOOD SERVICES 1	010631	LANDSCAPING
556321	FOOD SERVICES 2	010632	LANDSCAPING, ADVANCED
556411	MISCELLANEOUS SERVICES 1	010641	GREENHOUSE MANAGEMENT
556421	MISCELLANEOUS SERVICES 2	010651	NURSERY OPERATIONS AND MANAGEMENT
556611	SERVICE OCCUPATIONS WORK EXPERIENCE 1	010661	HORTICULTURE POWER EQUIPMENT OPERATION AND MAINTENANCE
556621	SERVICE OCCUPATIONS WORK EXPERIENCE 2	010662	HORTICULTURAL MECHANICS 2
557111	GRAPHIC AND PRINTING COMMUNICATIONS 1	010671	TURF MANAGEMENT
557211	LEATHERWORK AND UPHOLSTERY 1	010681	FRUIT AND VEGETABLE PRODUCTION
557221	LEATHERWORK AND UPHOLSTERY 2	010700	INTERNATIONAL AGRICULTURE, OTHER
557311	MEATCUTTING 1	011421	AGRICULTURAL PRODUCTS, COOPERATIVE EDUCATION
557321	MEATCUTTING 2	019900	AGRIBUSINESS AND AGRICULTURAL PRODUCTION, OTHER
557511	PRECISION PRODUCTION WORK EXPERIENCE 1	020100	AGRICULTURAL SCIENCES, OTHER GENERAL
557521	PRECISION PRODUCTION WORK EXPERIENCE 2	020111	AGRICULTURAL SCIENCES, GENERAL
558011	GENERAL CONSTRUCTION TRADES 1	020121	AGRICULTURAL OCCUPATIONS 1
558021	GENERAL CONSTRUCTION TRADES 2	020122	AGRICULTURAL OCCUPATIONS 2
558031	GENERAL CONSTRUCTION TRADES 3	020123	AGRICULTURAL OCCUPATIONS 3
558111	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1	020124	AGRICULTURAL OCCUPATIONS 4
558121	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2	020200	ANIMAL SCIENCES, OTHER
558211	CARPENTRY 1	020211	ANIMAL SCIENCES 1
558221	CARPENTRY 2	020212	ANIMAL SCIENCES 2
558311	PLUMBING 1	020221	LIVESTOCK 9
558321	PLUMBING 2	020222	LIVESTOCK 10
558511	CONSTRUCTION TRADES WORK EXPERIENCE 1	020231	POULTRY
558521	CONSTRUCTION TRADES WORK EXPERIENCE 2	020241	DAIRY PRODUCTION
559011	AUTO SERVICE 1	020251	NUTRITION AND FEEDS
559021	AUTO SERVICE 2	020261	HORSE PRODUCTION
559111	AUTO SERVICE, WORK EXPERIENCE 1	020262	HORSESHOEING/FARRIER TRAINING
559121	AUTO SERVICE, WORK EXPERIENCE 2	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
STUB1010 - Agriculture / Renewable Resources			
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 2		
010181	AGRICULTURE, INDEPENDENT STUDY		
010182	SOEP - SUPERVISED OCCUPATIONAL EXPERIENCE PROGRAM		

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CSSC CODE	TITLE	CSSC CODE	TITLE
030200	CONSERVATION AND REGULATION, OTHER	070100	ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS, OTHER
030211	CONSERVATION AND REGULATION	070111	BOOKKEEPING 1
030212	ENVIRONMENTAL MANAGEMENT 1	070112	BOOKKEEPING 2
030213	ENVIRONMENTAL MANAGEMENT 2	070121	ACCOUNTING 1
030221	ENVIRONMENTAL MANAGEMENT - COOPERATIVE EDUCATION	070122	ACCOUNTING 2
030300	FISHING AND FISHERIES, OTHER	070131	ACCOUNTING, COLLEGE
030311	WATERMAN OCCUPATIONS	070141	BOOKKEEPING AND ACCOUNTING 1
030400	FORESTRY PRODUCTION AND PROCESSING, OTHER	070142	BOOKKEEPING AND ACCOUNTING 2
030500	FORESTRY AND RELATED SCIENCES, OTHER	070151	RECORDKEEPING 1
030511	FORESTRY SCIENCE 1	070152	RECORDKEEPING 2
030512	FORESTRY SCIENCE 2	070161	OFFICE MACHINES
030521	FORESTRY OCCUPATIONS - WORK EXPERIENCE	070162	OFFICE MACHINES, VOCATIONAL
030600	WILDLIFE MANAGEMENT, OTHER	070200	BANKING AND RELATED FINANCIAL PROGRAMS, OTHER
030611	WILDLIFE MANAGEMENT	070201	BANKING AND FINANCIAL CAREERS
030621	RURAL RECREATION	070211	BANK TELLER
030711	MARINE MANAGEMENT/OCEANOGRAPHY 1	070221	FINANCIAL MATHEMATICS
030712	MARINE MANAGEMENT/OCEANOGRAPHY 2	070231	BANK PROOF OPERATOR
039900	RENEWABLE NATURAL RESOURCES, OTHER	070241	BANK DATA ENTRY OCCUPATIONS
170571	VETERINARY SCIENCE	070251	BANKING AND FINANCIAL CAREERS - COOPERATIVE EDUCATION
310100	PARKS AND RECREATION, OTHER GENERAL	070300	BUSINESS DATA PROCESSING AND RELATED PROGRAMS, OTHER
310300	PARKS AND RECREATION MANAGEMENT, OTHER	070311	COMPUTERS IN BUSINESS
310400	WATER RESOURCES, OTHER	070321	BUSINESS DATA PROCESSING 1
319900	PARKS AND RECREATION, OTHER	070322	BUSINESS DATA PROCESSING 2
551011	GENERAL AGRICULTURE 1	070331	BUSINESS COMPUTER PROGRAMMING 1
551021	GENERAL AGRICULTURE 2	070332	BUSINESS COMPUTER PROGRAMMING 2
551031	GENERAL AGRICULTURE 3	070341	KEY PUNCH OPERATOR
551111	ANIMAL CARE 1	070351	DATA ENTRY OPERATOR 1
551121	ANIMAL CARE 2	070352	DATA ENTRY OPERATOR 2
551211	PLANT CARE 1	070361	KEYBOARDING
551221	PLANT CARE 2	070371	PERIPHERAL COMPUTER OPERATOR
551311	AGRICULTURAL MECHANICS 1	070400	OFFICE SUPERVISION AND MANAGEMENT, OTHER
551321	AGRICULTURAL MECHANICS 2	070413	BUSINESS ENGLISH 3
551511	AGRICULTURAL WORK EXPERIENCE	070414	BUSINESS ENGLISH 4
STUB1020 - Business		070500	PERSONNEL AND TRAINING PROGRAMS, OTHER
060100	BUSINESS AND MANAGEMENT, OTHER GENERAL	070600	SECRETARIAL AND RELATED PROGRAMS, OTHER
060111	BUSINESS INTRODUCTION	070611	SHORTHAND 1
060121	BUSINESS LAW	070612	SHORTHAND 2
060131	BUSINESS, INDEPENDENT STUDY	070621	TRANSCRIPTION
060141	BUSINESS EDUCATION, COOPERATIVE	070631	SECRETARIAL ADMINISTRATION 1
060151	IB BUSINESS AND MANAGEMENT	070632	SECRETARIAL ADMINISTRATION 2
060200	ACCOUNTING, OTHER	070641	WORD PROCESSING 1
060211	ACCOUNTING/BUSINESS MANAGEMENT CAREERS - INTEGRATED CURRICULUM	070642	WORD PROCESSING 2
060300	BANKING AND FINANCE, OTHER	070643	WORD PROCESSING 3
060311	FINANCIAL CAREERS	070651	REPROGRAPHICS
060321	REAL ESTATE FINANCE	070661	LEGAL OFFICE PROCEDURES
060331	CONSUMER LENDING	070662	COURT REPORTER
060400	BUSINESS ADMINISTRATION AND MANAGEMENT, OTHER	070671	MEDICAL OFFICE PROCEDURES
060411	BUSINESS ORGANIZATION AND MANAGEMENT	070681	LEGAL/MEDICAL OFFICE PROCEDURES
060500	BUSINESS ECONOMICS, OTHER	070700	TYPING, GENERAL OFFICE, AND RELATED PROGRAMS, OTHER
060600	HUMAN RESOURCES DEVELOPMENT, OTHER	070712	TYPEWRITING 2
060711	HOTEL AND MOTEL MANAGEMENT	070713	TYPEWRITING 3
060712	HOTEL AND MOTEL TRAINING	070731	OFFICE PROCEDURES 1
060900	INTERNATIONAL BUSINESS MANAGEMENT, OTHER	070732	OFFICE PROCEDURES 2
061000	INVESTMENTS AND SECURITIES, OTHER	070733	SIMULATED OFFICE
061011	INVESTMENTS AND TAXATION	070741	OFFICE EDUCATION 1, COOPERATIVE
061100	LABOR INDUSTRIAL RELATIONS, OTHER	070742	OFFICE EDUCATION 2, COOPERATIVE
061200	MANAGEMENT INFORMATION SYSTEMS, OTHER	079900	BUSINESS AND OFFICE, OTHER
061300	MANAGEMENT SCIENCE, OTHER	080782	TELEPHONE DIRECTORY ASSISTANT
061500	ORGANIZATIONAL BEHAVIOR, OTHER	170541	MEDICAL RECORDS SECRETARY
061600	PERSONNEL MANAGEMENT, OTHER	200391	CLOTHING PRODUCTION MANAGEMENT
061800	SMALL BUSINESS MANAGEMENT AND OWNERSHIP, OTHER	250100	LIBRARY AND ARCHIVAL SCIENCES, OTHER GENERAL
061811	SMALL BUSINESS MANAGEMENT	250111	LIBRARY SCIENCE
061900	TAXATION, OTHER	250200	ARCHIVAL SCIENCE, OTHER
062000	TRADE AND INDUSTRIAL SUPERVISION AND MANAGEMENT, OTHER	250300	LIBRARY ASSISTING, OTHER
069900	BUSINESS AND MANAGEMENT, OTHER	250311	LIBRARY ASSISTANT
		250400	LIBRARY SCIENCE, OTHER
		250500	MUSEOLOGY, OTHER
		259900	LIBRARY AND ARCHIVAL SCIENCES, OTHER

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CSSC CODE	TITLE	CSSC CODE	TITLE
310211	WINTER/SKI RESORT OPERATION	081221	AUTOMOTIVE PROFESSIONAL TRAINING
430300	INTERNATIONAL PUBLIC SERVICE, OTHER	089900	MARKETING AND DISTRIBUTION, OTHER
430311	SECURITY GUARD	090200	ADVERTISING, OTHER
552011	GENERAL OFFICE PRACTICE 1	090211	ADVERTISING
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		
STUB1030 - Marketing and Distribution		STUB1040 - Health	
060700	INSTITUTIONAL MANAGEMENT, OTHER	170100	DENTAL SERVICES, OTHER
060800	INSURANCE AND RISK MANAGEMENT, OTHER	170111	DENTAL ASSISTANT 1
060811	INSURANCE CAREERS	170112	DENTAL ASSISTANT 2
061400	MARKETING MANAGEMENT AND RESEARCH, OTHER	170121	DENTAL ASSISTANT, COOPERATIVE
061411	MARKETING MANAGEMENT AND DECISION MAKING	170131	DENTAL TECHNOLOGY 1
061700	REAL ESTATE, OTHER	170132	DENTAL TECHNOLOGY 2
061711	REAL ESTATE MARKETING	170200	DIAGNOSTIC AND TREATMENT SERVICES, OTHER
080100	APPAREL AND ACCESSORIES MARKETING, OTHER	170211	FIRST AID
080111	FASHION MERCHANDISING	170221	EKG TECHNICIAN
080121	FASHION DESIGN AND ILLUSTRATION	170300	MEDICAL LABORATORY TECHNOLOGIES, OTHER
080131	FASHION MERCHANDISING - COOPERATIVE EDUCATION 1	170311	LABORATORY PROGRAM 1
080132	FASHION MERCHANDISING - COOPERATIVE EDUCATION 2	170312	LABORATORY PROGRAM 2
080200	BUSINESS AND PERSONAL SERVICES MARKETING, OTHER	170400	MENTAL HEALTH/HUMAN SERVICES, OTHER
080300	ENTREPRENEURSHIP, OTHER	170411	HOME HEALTH AIDE
080311	STARTING YOUR OWN BUSINESS	170421	COMMUNITY HEALTH
080331	E-COMMERCE	170431	MENTAL HEALTH WORKER
080400	FINANCIAL SERVICES MARKETING, OTHER	170500	MISCELLANEOUS ALLIED HEALTH SERVICES, OTHER
080500	FLORISTRY, FARM AND GARDEN SUPPLIES MARKETING, OTHER	170511	HEALTH OCCUPATIONS 1
080511	FLORAL SALES	170521	HEALTH OCCUPATIONS 2
080600	FOOD MARKETING, OTHER	170522	CENTRAL SERVICE TECHNICIAN
080611	FOOD MARKETING/DISTRIBUTION - OVERVIEW	170531	MEDICAL TERMINOLOGY
080612	GROCERY MANAGEMENT	170551	MEDICAL ASSISTING
080621	FOOD MARKETING - COOPERATIVE EDUCATION 1	170581	CHEMISTRY FOR HEALTH SCIENCE
080622	FOOD MARKETING - COOPERATIVE EDUCATION 2	170591	HEALTH OCCUPATIONS, INDEPENDENT STUDY
080700	GENERAL MARKETING, OTHER	170592	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 1
080711	DISTRIBUTIVE EDUCATION 1	170593	HEALTH OCCUPATIONS - COOPERATIVE EDUCATION 2
080712	DISTRIBUTIVE EDUCATION 2	170600	NURSING-RELATED SERVICES, OTHER
080713	DISTRIBUTIVE EDUCATION 3	170611	STUDENT ASSESSMENT OF CHILD HEALTH
080721	DISTRIBUTIVE EDUCATION 1, COOPERATIVE	170621	NURSING, PRACTICAL
080722	DISTRIBUTIVE EDUCATION 2, COOPERATIVE	170631	NURSE'S AIDE AND ORDERLY
080731	SALESMANSHIP	170641	NURSE'S AIDE, COOPERATIVE
080741	RETAIL LEARNING LABORATORY	170700	OPHTHALMIC SERVICES, OTHER
080751	CASHIER CHECKER TRAINING	170711	OPTICAL SERVICES ASSISTANT
080761	WAREHOUSING INDUSTRIAL AND WHOLESALE MATERIAL HANDLING	170800	REHABILITATION SERVICES, OTHER
080771	DISTRIBUTIVE EDUCATION, INDEPENDENT STUDY	179900	ALLIED HEALTH, OTHER
080781	TELEPHONE SERVICE REPRESENTATIVE	180100	AUDIOLOGY AND SPEECH PATHOLOGY, OTHER
080800	HOME AND OFFICE PRODUCTS MARKETING, OTHER	180200	BASIC CLINICAL HEALTH SCIENCES, OTHER
080811	COMPUTER SALES REPRESENTATIVE	180300	CHIROPRACTIC, OTHER
080900	HOSPITALITY AND RECREATION MARKETING, OTHER	180400	DENTISTRY, OTHER
080911	ORIENTATION TO HOSPITALITY CAREERS	180500	EMERGENCY/DISASTER SCIENCE, OTHER
080921	HOSPITALITY SALES 1	180600	EPIDEMIOLOGY, OTHER
080922	HOSPITALITY SALES 2	180700	HEALTH SCIENCES ADMINISTRATION, OTHER
081000	INSURANCE MARKETING, OTHER	180800	HEMATOLOGY, OTHER
081100	TRANSPORTATION AND TRAVEL MARKETING, OTHER	180900	MEDICAL LABORATORY, OTHER
081111	TOURISM SERVICES	181000	MEDICINE, OTHER
081121	ENTERTAINMENT PARK/TOURISM - COOPERATIVE EDUCATION	181100	NURSING, OTHER
081200	VEHICLES AND PETROLEUM MARKETING, OTHER	181200	OPTOMETRY, OTHER
081211	AUTO PARTS MERCHANDISING	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	PROSECTORIAL SCIENCE, OTHER
		182200	PUBLIC HEALTH LABORATORY SCIENCE, OTHER
		182300	TOXICOLOGY (CLINICAL), OTHER
		182400	VETERINARY MEDICINE, OTHER
		182501	BIO-MEDICAL TECHNOLOGY, GENERAL

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189900	HEALTH SCIENCES, OTHER	200361	WEDDING AND SPECIALTY CONSULTING
553011	GENERAL HEALTH OCCUPATIONS 1	200371	FASHION AND FABRIC COORDINATION
553021	GENERAL HEALTH OCCUPATIONS 2	200381	TEXTILES TESTING
553031	GENERAL HEALTH OCCUPATIONS 3	200400	FOOD PRODUCTION, MANAGEMENT AND SERVICES, OTHER
553211	HEALTH OCCUPATIONS WORK EXPERIENCE 1	200411	FOOD SERVICE TRAINING
553221	HEALTH OCCUPATIONS WORK EXPERIENCE 2	200412	FOOD SERVICE TRAINING 2
STUB1050 - Occupational Home Economics		200413	FOOD SERVICES/RESTAURANT MANAGEMENT
040500	INTERIOR DESIGN, OTHER	200421	FOOD SERVICE COOPERATIVE TRAINING
040511	INTERIOR DESIGN	200431	BAKING
120100	DRY CLEANING AND LAUNDERING SERVICES, OTHER	200441	CHEF
120111	DRY CLEANING 1	200451	CATERING
120112	DRY CLEANING 2	200461	DIETETIC AIDE
120300	FUNERAL SERVICES, OTHER	200471	FOOD TESTING
120400	PERSONAL SERVICES, OTHER	200481	SCHOOL FOOD SERVICE
120411	COSMETOLOGY	200500	HOME FURNISHINGS AND EQUIPMENT MANAGEMENT, PRODUCTION, AND SERVICES, OTHER
120412	COSMETOLOGY 2	200511	HOUSING AND INTERIOR DESIGN 1
120413	COSMETOLOGY 3	200512	HOUSING AND INTERIOR DESIGN 2
120414	COSMETOLOGY - COOPERATIVE EDUCATION 2, PART 1	200513	INTERIOR DESIGN OCCUPATIONS
120415	COSMETOLOGY - COOPERATIVE EDUCATION 2, PART 2	200521	FLORAL DESIGN
120421	BARBERING 1	200531	HOME DECORATING
120422	BARBERING 2	200541	HOME FURNISHINGS AIDE
120423	BARBERING 3	200551	CUSTOM DRAPERY AND WINDOW TREATMENT DESIGN
120431	PERSONAL SERVICES OCCUPATIONS	200561	CUSTOM SLIPCOVERING AND UPHOLSTERING
120511	GENERAL SERVICES OCCUPATIONS 1	200571	HOME SERVICE ASSISTING 1
120512	GENERAL SERVICES OCCUPATIONS 2	200572	HOME SERVICE ASSISTING 2
120513	GENERAL SERVICES OCCUPATIONS 3	200573	HOME SERVICE ASST - COOPERATIVE EDUCATION 1
120514	GENERAL SERVICES OCCUPATIONS 4	200574	HOME SERVICE ASST - COOPERATIVE EDUCATION 2
120521	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 1	200600	INSTITUTIONAL, HOME MANAGEMENT, AND SUPPORTING SERVICES, OTHER
120522	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 2	200611	CUSTODIAL SERVICES
120523	BUILDING AND GROUNDS MAINTENANCE OCCUPATIONS 3	200621	EXECUTIVE HOUSEKEEPING
129900	CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES, OTHER	200631	HOMEMAKER'S AIDE
200126	CURRENT ISSUES IN CHILD DEVELOPMENT	200641	COMPANION TO THE AGED
200151	HOME ECONOMICS OCCUPATIONS 1, EXPLORATORY	200642	GERIATRICS 2
200152	HOME ECONOMICS OCCUPATIONS 2, EXPLORATORY	200643	GERIATRICS - COOPERATIVE EDUCATION 1
200193	HOME ECONOMICS - COOPERATIVE EDUCATION 1	200644	GERIATRICS - COOPERATIVE EDUCATION 2
200194	HOME ECONOMICS - COOPERATIVE EDUCATION 2	200651	CONSUMER AIDE
200200	CHILD CARE AND GUIDANCE MANAGEMENT AND SERVICES, OTHER	200661	THERAPEUTIC RECREATION AIDE
200211	CHILD CARE SERVICES	200671	INSTITUTIONAL, HOME MANAGEMENT SUPPORT SERVICES - COOPERATIVE EDUCATION
200221	CHILD CARE AIDE	209900	VOCATIONAL HOME ECONOMICS, OTHER
200231	CHILD CARE MANAGEMENT	556111	COSMETOLOGY/BARBER 1
200241	FOSTER CARE AND FAMILY CARE	556121	COSMETOLOGY/BARBER 2
200251	TEACHER AIDE/ELEMENTARY	556211	CUSTODIAL AND HOUSEKEEPING SERVICES 1
200252	TEACHER AIDE/SECONDARY	556221	CUSTODIAL AND HOUSEKEEPING SERVICES 2
200261	CHILD CARE - COOPERATIVE EDUCATION 1	556311	FOOD SERVICES 1
200262	CHILD CARE - COOPERATIVE EDUCATION 2	556321	FOOD SERVICES 2
200300	CLOTHING, APPAREL, AND TEXTILES MANAGEMENT, PRODUCTION, AND SERVICES, OTHER	556411	MISCELLANEOUS SERVICES 1
200311	CLOTHING OCCUPATIONS 1	556421	MISCELLANEOUS SERVICES 2
200312	CLOTHING OCCUPATIONS 2	556611	SERVICE OCCUPATIONS WORK EXPERIENCE 1
200313	CLOTHING OCCUPATIONS 3	556621	SERVICE OCCUPATIONS WORK EXPERIENCE 2
200314	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 1	STUB1060 - Trade and Industry	
200315	CLOTHING OCCUPATIONS - COOPERATIVE EDUCATION 2	040100	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER GENERAL
200321	CLOTHING MAINTENANCE AIDE	040200	ARCHITECTURE, OTHER
200331	COMMERCIAL GARMENT AND APPAREL CONSTRUCTION	040211	ARCHITECTURE, INTRODUCTION
200341	CUSTOM APPAREL CONSTRUCTION	040212	ARCHITECTURE, ADVANCED
200351	CUSTOM TAILORING AND ALTERATION	040221	ARCHITECTURAL THEORY
		040300	CITY, COMMUNITY, AND REGIONAL PLANNING, OTHER
		040400	ENVIRONMENTAL DESIGN, OTHER
		040600	LANDSCAPE ARCHITECTURE, OTHER
		040700	URBAN DESIGN, OTHER

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049900	ARCHITECTURE AND ENVIRONMENTAL DESIGN, OTHER	470132	APPLIANCE REPAIR 2
100131	PHOTOGRAPHY, COMMERCIAL	470141	VENDING MACHINE REPAIR
100132	PHOTOGRAPHY, ADVANCED COMMERCIAL	470151	BUSINESS MACHINE REPAIR
120531	INDUSTRIAL MAINTENANCE/MECHANICS 1	470161	INDUSTRIAL ELECTRICITY
120532	INDUSTRIAL MAINTENANCE/MECHANICS 2	470171	INDUSTRIAL ELECTRONICS
150431	COMPUTER-ASSISTED DESIGN/DRAFTING (CAD)	470181	FOOD PROCESSING MACHINE MAINTENANCE TECHNICIAN/REPAIR
210110	INDUSTRIAL OCCUPATIONS 2	470200	HEATING, AIR CONDITIONING, AND REFRIGERATION MECHANICS, OTHER
210111	INDUSTRIAL COOPERATIVE WORK EXPERIENCE	470211	AIR CONDITIONING, REFRIGERATION, AND HEATING
210112	INDUSTRIAL COOPERATIVE WORK EXPERIENCE, ADVANCED	470212	AIR CONDITIONING, REFRIGERATION, AND HEATING, ADVANCED
210113	ELECTRICITY 1	470213	AIR CONDITIONING, REFRIGERATION, AND HEATING 3
210114	ELECTRICITY 2	470300	INDUSTRIAL EQUIPMENT MAINTENANCE AND REPAIR, OTHER
210115	ELECTRONICS 1	470311	INDUSTRIAL MECHANICS 1
210116	ELECTRONICS 2	470312	INDUSTRIAL MECHANICS 2
210117	ELECTRONICS 3	470321	DIESEL MECHANICS
210118	ELECTRONICS 4	470331	INDUSTRIAL MAINTENANCE MECHANICS 1
210120	ELECTRICITY AND ELECTRONICS, ADVANCED	470332	INDUSTRIAL MAINTENANCE MECHANICS 2
210121	MACHINE SHOP 1	470341	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 1
210122	MACHINE SHOP 2	470342	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 2
210123	MACHINE SHOP 3	470343	PETROLEUM DRILLING EQUIPMENT OPERATION AND MAINTENANCE 3
210124	MACHINE SHOP 4	470400	MISCELLANEOUS MECHANICS AND REPAIRERS, OTHER
210125	INDUSTRIAL EDUCATION MANAGEMENT TRAINEE	470411	MUSICAL INSTRUMENT REPAIR
210126	INDUSTRIAL ARTS RESEARCH	470421	INSTRUMENT MAINTENANCE AND REPAIR
210130	ELECTRICITY - COOPERATIVE EDUCATION 1	470431	SHOE REPAIR AND ORTHOPEDICS 1
210131	ELECTRICITY - COOPERATIVE EDUCATION 2	470432	SHOE REPAIR AND ORTHOPEDICS 2
210140	ELECTRONICS - COOPERATIVE EDUCATION 1	470433	WATCH AND CLOCK REPAIR
210141	ELECTRONICS - COOPERATIVE EDUCATION 2	470434	BICYCLE REPAIR
210150	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 1	470500	STATIONARY ENERGY SOURCES, OTHER
210151	ELECTRICITY/ELECTRONICS - COOPERATIVE EDUCATION 2	470511	POWER MECHANICS 1
460100	BRICKMASONRY, STONEMASONRY, AND TILE SETTING, OTHER	470512	POWER MECHANICS 2
460111	MASONRY 1	470513	POWER MECHANICS 3
460112	MASONRY 2	470514	POWER MECHANICS 4
460113	MASONRY 3	470521	HYDRAULICS AND PNEUMATICS
460121	TILE SETTING AND PLASTERING	470600	VEHICLE AND MOBILE EQUIPMENT MECHANICS AND REPAIRERS, OTHER
460131	CONCRETE TECHNICIAN	470611	SMALL ENGINE REPAIR 1
460200	CARPENTRY, OTHER	470612	SMALL ENGINE REPAIR 2
460211	CARPENTRY 1	470621	AUTO MECHANICS 1
460212	CARPENTRY 2	470622	AUTO MECHANICS 2
460213	CARPENTRY 3	470623	AUTO MECHANICS 3
460300	ELECTRICAL AND POWER TRANSMISSION INSTALLATION, OTHER	470624	AUTO MECHANICS - COOPERATIVE EDUCATION 1
460311	HOUSEWIRING 1	470625	AUTO MECHANICS - COOPERATIVE EDUCATION 2
460312	HOUSEWIRING 2	470631	AUTO BODY 1
460321	ELECTRIC POWER AND COMMUNICATIONS LINEWORKER	470632	AUTO BODY 2
460400	MISCELLANEOUS CONSTRUCTION TRADES, OTHER	470633	AUTO BODY 3
460411	BUILDING CONSTRUCTION 1	470641	AUTO SERVICE 1
460412	BUILDING CONSTRUCTION 2	470642	AUTO SERVICE 2
460413	BUILDING CONSTRUCTION 3	470651	CONSUMER AUTO
460421	PAINTING AND DECORATING	470661	AIRFRAMES 1
460422	FLOORING INSTALLATION	470662	AIRFRAMES 2
460431	BUILDING MAINTENANCE	470671	AVIATION POWERPLANT 1
460432	BUILDING MAINTENANCE 2	470672	AVIATION POWERPLANT 2
460441	HOME MAINTENANCE AND REPAIR	470673	AVIATION POWERPLANT 3
460451	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 1	470674	AVIATION POWERPLANT 4
460452	BUILDING CONSTRUCTION - COOPERATIVE EDUCATION 2	470681	AVIATION QUALITY CONTROL 1
460500	PLUMBING, PIPEFITTING, AND STEAMFITTING, OTHER	470682	AVIATION QUALITY CONTROL 2
460511	PLUMBING 1	470691	AIRCRAFT SHEETMETAL 1
460512	PLUMBING 2	470692	AIRCRAFT SHEETMETAL 2
469900	CONSTRUCTION TRADES, OTHER	479900	MECHANICS AND REPAIRERS, OTHER
470100	ELECTRICAL AND ELECTRONICS EQUIPMENT REPAIR, OTHER	480100	DRAFTING, OTHER
470111	SMALL APPLIANCE REPAIR	480111	MECHANICAL DRAWING 1
470121	RADIO AND TV REPAIR 1	480112	MECHANICAL DRAWING 2
470122	RADIO AND TV REPAIR 2	480113	MECHANICAL DRAWING 3
470123	RADIO AND TV REPAIR 3	480114	MECHANICAL DRAWING 4
470131	APPLIANCE REPAIR 1	480121	ARCHITECTURAL DRAWING 1

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480122	ARCHITECTURAL DRAWING 2	490131	AIRCRAFT PARTS MANAGEMENT 2
480123	ARCHITECTURAL DRAWING 3	490141	VEHICLE AND EQUIPMENT OPERATION, OTHER
480124	ARCHITECTURAL DRAWING 4	490142	FORKLIFT OPERATOR
480131	ENGINEERING DRAWING 1	490200	TRACTOR-TRAILER TRUCK DRIVING
480132	ENGINEERING DRAWING 2	490211	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT
480141	BLUEPRINT READING	490212	BUS DRIVER/CHAUFFEUR
480151	DRAFTING 1, COOPERATIVE	490213	WATER TRANSPORTATION, OTHER
480152	DRAFTING 2, COOPERATIVE	490214	MARINE MECHANICS, BASIC
480200	GRAPHIC AND PRINTING COMMUNICATIONS, OTHER	490300	MARINE MECHANICS, ADVANCED
480211	COMMERCIAL ART 1	490311	BOAT BUILDING
480212	COMMERCIAL ART 2	490312	NAVIGATION
480213	COMMERCIAL ART, COOPERATIVE	490321	AQUATIC OCCUPATIONS
480214	COMMERCIAL ART 3	490331	INTRODUCTION TO TRANSPORTATION INDUSTRY
480221	GRAPHIC ARTS 1	490341	TRANSPORTATION TECHNOLOGY 2
480222	GRAPHIC ARTS 2	490411	TRANSPORTATION/TRAFFIC TECHNICIAN
480223	AVIATION TECHNOLOGY 1	490412	TRANSPORTATION AND MATERIAL MOVING, OTHER
480224	AVIATION TECHNOLOGY 2	490421	DESIGN, OTHER
480231	AVIATION TECHNOLOGY 3	499900	GRAPHIC DESIGN
480232	AVIATION TECHNOLOGY 4	500400	GRAPHIC ARTS TECHNOLOGY, OTHER
480233	AIR TRAVEL SERVICE OCCUPATIONS	500411	COMPUTER GRAPHICS DESIGN
480241	AIRCRAFT PARTS MANAGEMENT 1	500800	GRAPHIC AND PRINTING COMMUNICATIONS 1
480251	AIRCRAFT PARTS MANAGEMENT 2	500811	LEATHERWORK AND UPHOLSTERY 1
480261	VEHICLE AND EQUIPMENT OPERATION, OTHER	557111	LEATHERWORK AND UPHOLSTERY 2
480281	FORKLIFT OPERATOR	557211	MEATCUTTING 1
480282	TRACTOR-TRAILER TRUCK DRIVING	557221	MEATCUTTING 2
480283	HEAVY VEHICLE OPERATION/EARTH MOVING EQUIPMENT	557311	PRECISION PRODUCTION WORK EXPERIENCE 1
480300	BUS DRIVER/CHAUFFEUR	557321	PRECISION PRODUCTION WORK EXPERIENCE 2
480311	WATER TRANSPORTATION, OTHER	557511	GENERAL CONSTRUCTION TRADES 1
480312	MARINE MECHANICS, BASIC	557521	GENERAL CONSTRUCTION TRADES 2
480321	MARINE MECHANICS, ADVANCED	558011	GENERAL CONSTRUCTION TRADES 3
480322	BOAT BUILDING	558021	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1
480331	NAVIGATION	558031	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2
480400	AQUATIC OCCUPATIONS	558111	CARPENTRY 1
480411	INTRODUCTION TO TRANSPORTATION INDUSTRY	558121	CARPENTRY 2
480412	TRANSPORTATION TECHNOLOGY 2	558211	PLUMBING 1
480500	TRANSPORTATION/TRAFFIC TECHNICIAN	558221	PLUMBING 2
480511	TRANSPORTATION AND MATERIAL MOVING, OTHER	558311	CONSTRUCTION TRADES WORK EXPERIENCE 1
480512	DESIGN, OTHER	558321	CONSTRUCTION TRADES WORK EXPERIENCE 2
480513	GRAPHIC DESIGN	558511	AUTO SERVICE 1
480514	GRAPHIC ARTS TECHNOLOGY, OTHER	558521	AUTO SERVICE 2
480521	COMPUTER GRAPHICS DESIGN	559011	AUTO SERVICE, WORK EXPERIENCE 1
480522	GRAPHIC AND PRINTING COMMUNICATIONS 1	559021	AUTO SERVICE, WORK EXPERIENCE 2
480523	LEATHERWORK AND UPHOLSTERY 1	559111	AVIATION TECHNOLOGY 1
480524	LEATHERWORK AND UPHOLSTERY 2	559121	AVIATION TECHNOLOGY 2
480531	MEATCUTTING 1		
480532	MEATCUTTING 2		
480541	PRECISION PRODUCTION WORK EXPERIENCE 1		
480551	PRECISION PRODUCTION WORK EXPERIENCE 2		
480552	GENERAL CONSTRUCTION TRADES 1		
480600	GENERAL CONSTRUCTION TRADES 2		
480611	GENERAL CONSTRUCTION TRADES 3		
480612	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1		
480621	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2		
480700	CARPENTRY 1		
480711	CARPENTRY 2		
480712	PLUMBING 1		
480713	PLUMBING 2		
480714	CONSTRUCTION TRADES WORK EXPERIENCE 1		
480721	CONSTRUCTION TRADES WORK EXPERIENCE 2		
480731	AUTO SERVICE 1		
480732	AUTO SERVICE 2		
489900	AUTO SERVICE, WORK EXPERIENCE 1		
490100	AUTO SERVICE, WORK EXPERIENCE 2		
490111	AVIATION TECHNOLOGY 1		
490112	AVIATION TECHNOLOGY 2		
490121	AVIATION TECHNOLOGY 3		
490122	AVIATION TECHNOLOGY 4		
490123	AIR TRAVEL SERVICE OCCUPATIONS		
490124	AIRCRAFT PARTS MANAGEMENT 1		
		STUB1070 - Technical and Communications	
		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

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100192	RADIO/TELEVISION PRODUCTION 2	150900	MINING AND PETROLEUM TECHNOLOGIES, OTHER
110100	COMPUTER AND INFORMATION SCIENCES, OTHER GENERAL	150911	MINING TECHNOLOGY
110112	INTRODUCTION TO INTERNET AND THE WORLD WIDE WEB	150921	PETROLEUM TECHNOLOGY
110131	COMPUTER APPLICATIONS	151001	PC OPERATING SYSTEMS
110132	COMPUTER APPLICATIONS, INDEPENDENT STUDY	159900	ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES, OTHER
110141	COMPUTER SCIENCES 3	170321	CHEMICAL TECHNOLOGY 1
110142	IB COMPUTER SCIENCE	170322	CHEMICAL TECHNOLOGY 2
110143	AP COMPUTER SCIENCE A	210127	INTRODUCTION TO TECHNOLOGY
110144	AP COMPUTER SCIENCE AB	410100	BIOLOGICAL TECHNOLOGIES, OTHER
110151	ARTIFICIAL INTELLIGENCE	410200	NUCLEAR TECHNOLOGIES, OTHER
110152	MULTIMEDIA COMPUTER APPLICATIONS	410300	PHYSICAL SCIENCE TECHNOLOGIES, OTHER
110161	DESKTOP COMPUTER APPLICATION SUITES	419900	SCIENCE TECHNOLOGIES, OTHER
110200	COMPUTER PROGRAMMING, OTHER	470124	TELECOMMUNICATIONS TECHNICIAN
110211	COMPUTER PROGRAMMING 1	480271	DESKTOP PUBLISHING
110212	COMPUTER PROGRAMMING 2		
110213	COMPUTER PROGRAMMING 3	STUB1080 - Unidentified Subject	
110221	FORTRAN, INTRODUCTION		
110231	PASCAL, INTRODUCTION	320106	COOPERATIVE EDUCATION 1
110232	ADVANCED PASCAL	320107	COOPERATIVE EDUCATION 2
110241	BASIC, INTRODUCTION	320120	TEST TAKING, GENERAL (CHANGED TO 320221)
110242	ADVANCED BASIC	320121	OFF-CAMPUS VO TECH TRAINING - UNSPECIFIED
110251	COBOL, INTRODUCTION	320131	COORDINATED VOCATIONAL AND ACADEMIC EDUCATION (CVAE)
110252	ADVANCED COBOL	550001	GENERAL PREVOCATIONAL PREPARATION
110261	LOGO, INTRODUCTION		
110271	RPG PROGRAMMING, INTRODUCTION	STUB1100 - General Skills	
110272	C PROGRAMMING		
110273	C++ PROGRAMMING	070153	PERSONAL RECORDKEEPING
110300	DATA PROCESSING, OTHER	070613	SPEED WRITING
110311	DATA PROCESSING, INTRODUCTION	090441	YEARBOOK PRODUCTION 1
110312	DATA PROCESSING, INTERMEDIATE	090442	YEARBOOK PRODUCTION 2
110313	DATA PROCESSING, ADVANCED	090811	SIGN LANGUAGE 1
110321	COMPUTER PROGRAMMING - COOPERATIVE EDUCATION	090812	SIGN LANGUAGE 2
110601	HTML	090821	BRILLE COMMUNICATIONS
110602	JAVA, JAVA SCRIPT	230413	HANDWRITING
110603	WEB SITE DESIGN, DEVELOPMENT	230414	INTERPERSONAL COMMUNICATION
110604	NETWORK ADMINISTRATION/MANAGEMENT	231215	SPEED READING
150100	ARCHITECTURAL TECHNOLOGIES, OTHER	240121	SUMMER ABROAD
150111	STRUCTURAL ENGINEERING TECHNICIAN	240131	INDEPENDENT STUDY
150200	CIVIL TECHNOLOGIES, OTHER	240161	ACADEMIC DECATHALON
150211	SURVEYING	320100	BASIC SKILLS, CAREER AND EMPLOYMENT, OTHER
150221	CIVIL ENGINEERING TECHNICIAN	320101	RECORDKEEPING, PERSONAL (CHANGED TO 070153)
150300	ELECTRICAL AND ELECTRONIC TECHNOLOGIES, OTHER	320111	SPEED READING (CHANGED TO 231215)
150311	AUDIO ELECTRONICS	320116	SPEED WRITING (CHANGED TO 070613)
150321	ELECTRICAL TECHNOLOGY	320117	STUDY DYNAMICS (CHANGED TO 320211)
150331	ELECTRONIC TECHNOLOGY 1	320200	BASIC SKILLS, GENERAL, OTHER
150332	ELECTRONIC TECHNOLOGY 2	320201	RESOURCE ROOM (NON SPECIAL ED)
150333	ELECTRONICS FABRICATION	320211	STUDY DYNAMICS
150341	ELECTRICAL/ELECTRONICS ENGINEERING TECHNICIAN	320221	TEST TAKING
150400	ELECTROMECHANICAL INSTRUMENTATION AND MAINTENANCE TECHNOLOGIES, OTHER	320231	INDIVIDUALIZED ACADEMIC PROGRAM
150411	ELECTROMECHANICAL TECHNOLOGY 1	330100	CITIZENSHIP/CIVIC ACTIVITIES, OTHER
150412	ELECTROMECHANICAL TECHNOLOGY 2	330111	STUDENT ASSISTANT
150421	INSTRUMENTATION TECHNOLOGY	330131	STUDENT GOVERNMENT
150500	ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER	330141	TUTORING
150511	ENVIRONMENTAL CONTROL TECHNOLOGIES	330151	COMMUNITY SERVICE
150600	INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER	430221	FIRE SAFETY EDUCATION
150601	INDUSTRIAL RESEARCH AND DEVELOPMENT	450604	FILING YOUR INCOME TAXES
150611	INDUSTRIAL PRODUCTION TECHNOLOGY 1	543001	ACTIVITIES OF DAILY AND FAMILY LIVING
150612	INDUSTRIAL PRODUCTION TECHNOLOGY 2	543009	ACTIVITIES OF DAILY AND FAMILY LIVING, NOT FOR CREDIT
150621	CHEMICAL MANUFACTURING TECHNOLOGY	543101	SOCIAL/BEHAVIORAL SKILLS
150631	OPTICS TECHNOLOGY	543109	SOCIAL/BEHAVIORAL SKILLS, NOT FOR CREDIT
150700	QUALITY CONTROL AND SAFETY TECHNOLOGIES, OTHER	543401	FUNCTIONAL TRANSITION SKILLS
150711	QUALITY CONTROL TECHNOLOGY	543409	FUNCTIONAL TRANSITION SKILLS, NOT FOR CREDIT
150800	MECHANICAL AND RELATED TECHNOLOGIES, OTHER	549401	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES
150811	AUTOMOTIVE DESIGN AND TECHNOLOGY	549409	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES, NOT FOR CREDIT
150821	MECHANICAL ENGINEERING TECHNOLOGY		

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CSSC CODE	TITLE	CSSC CODE	TITLE
569001	GENERAL TUTORIAL SERVICES	370111	PERSONAL DEVELOPMENT TECHNIQUES
569009	GENERAL TUTORIAL SERVICES, NOT FOR CREDIT	370121	COPING WITH PERSONAL PROBLEMS
569101	RESOURCE STUDY SKILLS	370131	SELF PERCEPTION
569109	RESOURCE STUDY SKILLS, NOT FOR CREDIT	543201	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS
569201	SCHOOL AND SOCIAL SURVIVAL SKILLS	543209	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS, NOT FOR CREDIT
569209	SCHOOL AND SOCIAL SURVIVAL SKILLS, NOT FOR CREDIT	543301	FUNCTIONAL HEALTH
569301	RESOURCE SURVIVAL SKILLS	543309	FUNCTIONAL HEALTH, NOT FOR CREDIT
569309	RESOURCE SURVIVAL SKILLS, NOT FOR CREDIT	STUB1210 - Physical Education	
569401	HANDICAP SPECIFIC SUPPORT SERVICES	340100	HEALTH-RELATED ACTIVITIES, OTHER
569409	HANDICAP SPECIFIC SUPPORT SERVICES, NOT FOR CREDIT	340111	PHYSICAL AND HEALTH EDUCATION 7
STUB1200 - Personal Health And Physical Education		340112	PHYSICAL AND HEALTH EDUCATION 8
120200	ENTERTAINMENT SERVICES, OTHER	340113	PHYSICAL AND HEALTH EDUCATION 9
120211	SPORTS OFFICIATING	340114	PHYSICAL EDUCATION 10
170561	SPORTS MEDICINE	340115	PHYSICAL EDUCATION 11
300131	OUTDOOR EDUCATION	340116	PHYSICAL EDUCATION 12
310111	RECREATION AIDE	340121	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM)
310121	SEARCH AND RESCUE	340122	PHYSICAL EDUCATION - MEDICALLY EXCUSED
310200	OUTDOOR RECREATION, OTHER	340123	PHYSICAL EDUCATION - MPR 1
330121	PEP SQUAD	340124	PHYSICAL EDUCATION - MPR 2
340100	HEALTH-RELATED ACTIVITIES, OTHER	340129	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM), NOT FOR CREDIT
340111	PHYSICAL AND HEALTH EDUCATION 7	340161	PHYSICAL EDUCATION LEADERSHIP TRAINING
340112	PHYSICAL AND HEALTH EDUCATION 8	340171	LIFE SAVING
340113	PHYSICAL AND HEALTH EDUCATION 9	STUB1220 - Health	
340114	PHYSICAL EDUCATION 10	340131	HEALTH 7
340115	PHYSICAL EDUCATION 11	340132	HEALTH 8
340116	PHYSICAL EDUCATION 12	340133	HEALTH 9
340121	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM)	340134	HEALTH 10
340122	PHYSICAL EDUCATION - MEDICALLY EXCUSED	340135	HEALTH 11
340123	PHYSICAL EDUCATION - MPR 1	340136	HEALTH 12
340124	PHYSICAL EDUCATION - MPR 2	340137	STATE REQUIREMENTS
340129	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM), NOT FOR CREDIT	340138	MODERN MEDICAL ISSUES
340131	HEALTH 7	340141	DRUGS ALCOHOL AND TOBACCO
340132	HEALTH 8	340191	SEX EDUCATION
340133	HEALTH 9	STUB1240 - Driver's Education (0.25)	
340134	HEALTH 10	340151	DRIVER EDUCATION, CLASSROOM
340135	HEALTH 11	340152	DRIVER EDUCATION, PRACTICE
340136	HEALTH 12	STUB1250 - Personal Growth/Interpersonal Relationships	
340137	STATE REQUIREMENTS	350100	INTERPERSONAL SKILLS, OTHER
340138	MODERN MEDICAL ISSUES	350111	INTERPERSONAL RELATIONSHIPS
340141	DRUGS ALCOHOL AND TOBACCO	350121	BUILDING HUMAN RELATIONSHIPS
340151	DRIVER EDUCATION, CLASSROOM	350131	PEER COUNSELING
340152	DRIVER EDUCATION, PRACTICE	350141	DROPOUT PREVENTION
340161	PHYSICAL EDUCATION LEADERSHIP TRAINING	350151	LEADERSHIP
340171	LIFE SAVING	STUB1300 - Religion	
340181	SAFETY	380200	RELIGION, OTHER
340191	SEX EDUCATION	380201	CATHOLICISM, FOUNDATIONS
350100	INTERPERSONAL SKILLS, OTHER	380202	WHO IS JESUS
350111	INTERPERSONAL RELATIONSHIPS	380203	SCRIPTURE
350121	BUILDING HUMAN RELATIONSHIPS	380204	MORAL ISSUES, SOCIAL AND INDIVIDUAL
350131	PEER COUNSELING	380205	MARRIAGE, LIFE CHOICES IN CHRISTIAN LIVING
350141	DROPOUT PREVENTION		
350151	LEADERSHIP		
360100	LEISURE AND RECREATIONAL ACTIVITIES, OTHER		
360111	SPORTS, INDIVIDUAL		
360121	SPORTS, TEAM		
360131	GYMNASTICS		
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		

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CSSC CODE	TITLE	CSSC CODE	TITLE
380206	COMPARATIVE RELIGION	520202	SELF CONTAINED EH
380207	SACRAMENTS	520203	ENGLISH/LANGUAGE ARTS EH
380208	EASTERN RELIGIOUS THOUGHT	520204	MATHEMATICS EH
380209	RELIGION AND PSYCHOLOGY	520205	SCIENCE EH
380210	WESTERN RELIGIONS	520206	SOCIAL STUDIES EH
380211	RELIGION AND LITERATURE	520301	ENGLISH/LANGUAGE ARTS DEAF
380212	RELIGION, INTRODUCTION	520302	MATHEMATICS DEAF
380213	PRAYER AND LITURGY	520303	SCIENCE DEAF
380214	JUDAISM, FOUNDATIONS	520304	SOCIAL STUDIES DEAF
380215	PROTESTANTISM, FOUNDATIONS	520305	GENERAL DEAF
380216	RELIGIOUS MOVEMENTS IN AMERICA	520401	GENERAL BLIND
380217	ISLAM AND THE KORAN	520501	HOMEBOUND (HOME OR HOSPITAL FOR MORE THAN 10 DAYS)
389900	PHILOSOPHY AND RELIGION, OTHER	520601	LEARNING DISABILITIES OTHER
390100	BIBLICAL LANGUAGES, OTHER	520701	HELP FOR UNDER-ACHIEVERS AND DISADVANTAGED STUDENTS
390200	BIBLE STUDIES, OTHER	520801	SPEECH IMPAIRMENT GENERAL
390300	MISSIONARY STUDIES, OTHER	520901	PHYSICALLY HANDICAPPED (GENERAL)
390400	RELIGIOUS EDUCATION, OTHER	520902	PHYSICALLY HANDICAPPED WORK PROGRAM
390500	RELIGIOUS MUSIC, OTHER	521001	MULTI-HANDICAPPED (GENERAL)
390600	THEOLOGICAL STUDIES, OTHER	521101	SEVERELY MENTALLY RETARDED (GENERAL)
390611	THEOLOGICAL STUDIES	541001	GENERAL MATH SKILLS
399900	THEOLOGY, OTHER	541009	FUNCTIONAL MATH SKILLS, NOT FOR CREDIT
STUB1400 - Military Science		541101	FUNCTIONAL CONSUMER MATH
280100	AEROSPACE SCIENCE (AIR FORCE), OTHER	541109	FUNCTIONAL CONSUMER MATH, NOT FOR CREDIT
280111	AEROSPACE EDUCATION	541201	FUNCTIONAL VOCATIONAL MATH
280112	AEROSPACE EDUCATION 2	541209	FUNCTIONAL VOCATIONAL MATH, NOT FOR CREDIT
280113	AEROSPACE EDUCATION 3	542011	FUNCTIONAL LANGUAGE ARTS 1
280114	AEROSPACE EDUCATION 4	542019	FUNCTIONAL LANGUAGE ARTS 1, NOT FOR CREDIT
280121	CIVIL AIR PATROL	542021	FUNCTIONAL LANGUAGE ARTS 2
280200	COAST GUARD SCIENCE, OTHER	542029	FUNCTIONAL LANGUAGE ARTS 2, NOT FOR CREDIT
280300	MILITARY SCIENCE (ARMY), OTHER	542031	FUNCTIONAL LANGUAGE ARTS 3
280311	ARMY LEADERSHIP DEVELOPMENT, INTRODUCTION	542039	FUNCTIONAL LANGUAGE ARTS 3, NOT FOR CREDIT
280312	ARMY INTERMEDIATE LEADERSHIP DEVELOPMENT	542041	FUNCTIONAL LANGUAGE ARTS 4
280313	ARMY APPLIED LEADERSHIP DEVELOPMENT	542049	FUNCTIONAL LANGUAGE ARTS 4, NOT FOR CREDIT
280314	ARMY ADVANCED LEADERSHIP DEVELOPMENT	542051	FUNCTIONAL VOCATIONAL ENGLISH
280400	NAVAL SCIENCE (NAVY, MARINES), OTHER	542059	FUNCTIONAL VOCATIONAL ENGLISH, NOT FOR CREDIT
280411	NAVAL SCIENCE 1	542101	FUNCTIONAL READING
280412	NAVAL SCIENCE 2	542109	FUNCTIONAL READING, NOT FOR CREDIT
280413	NAVAL SCIENCE 3	542201	FUNCTIONAL ORAL COMMUNICATION
280414	NAVAL SCIENCE 4	542209	FUNCTIONAL ORAL COMMUNICATION, NOT FOR CREDIT
280421	MARINE CORPS LEADERSHIP EDUCATION 1	542301	FUNCTIONAL WRITING
280422	MARINE CORPS LEADERSHIP EDUCATION 2	542309	FUNCTIONAL WRITING, NOT FOR CREDIT
280423	MARINE CORPS LEADERSHIP EDUCATION 3	542401	FUNCTIONAL ACADEMICS
280424	MARINE CORPS LEADERSHIP EDUCATION 4	542409	FUNCTIONAL ACADEMICS, NOT FOR CREDIT
280501	MILITARY DRILL TEAM	543001	ACTIVITIES OF DAILY AND FAMILY LIVING
289900	MILITARY SCIENCES, OTHER	543009	ACTIVITIES OF DAILY AND FAMILY LIVING, NOT FOR CREDIT
290100	MILITARY TECHNOLOGIES, OTHER	543101	SOCIAL/BEHAVIORAL SKILLS
STUB1500 - Special Education		543109	SOCIAL/BEHAVIORAL SKILLS, NOT FOR CREDIT
340121	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM)	543201	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS
340129	ADAPTIVE PHYSICAL EDUCATION (REGULAR)/(MULTIDISABLED)/(NONREGULAR PROGRAM), NOT FOR CREDIT	543209	FUNCTIONAL LEISURE AND RECREATIONAL SKILLS, NOT FOR CREDIT
520101	GENERAL (INCLUDING PRE-VOCATIONAL PROGRAMS) EMH	543301	FUNCTIONAL HEALTH
520102	MATHEMATICS EMH	543309	FUNCTIONAL HEALTH, NOT FOR CREDIT
520103	ENGLISH/LANGUAGE ARTS EMH	543401	FUNCTIONAL TRANSITION SKILLS
520104	SCIENCE EMH	543409	FUNCTIONAL TRANSITION SKILLS, NOT FOR CREDIT
520105	SOCIAL STUDIES EMH	544001	FUNCTIONAL SCIENCE
520106	ADAPTIVE FOODS EMH	544009	FUNCTIONAL SCIENCE, NOT FOR CREDIT
520107	ADAPTIVE FOUNDRY EMH	544501	FUNCTIONAL SOCIAL STUDIES
520108	ADAPTIVE DRIVERS EDUCATION EMH	544509	FUNCTIONAL SOCIAL STUDIES, NOT FOR CREDIT
520109	ADAPTIVE HEALTH EDUCATION EMH	549401	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES
520110	WORK PROGRAM (OJT OFF CAMPUS) EMH	549409	HANDICAPPED DEVELOPMENTAL SUPPORT SERVICES, NOT FOR CREDIT
520201	RESOURCE (GENERAL) EH	550001	GENERAL PREVOCATIONAL PREPARATION
		550009	GENERAL PREVOCATIONAL PREPARATION, NOT FOR CREDIT

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CSSC CODE	TITLE	CSSC CODE	TITLE
550101	CAREER EXPLORATION	554111	CHILD DEVELOPMENT 1
550109	CAREER EXPLORATION, NOT FOR CREDIT	554119	CHILD DEVELOPMENT 1, NOT FOR CREDIT
550201	GENERAL WORK-STUDY/EXPERIENCE	554121	CHILD DEVELOPMENT 2
550209	GENERAL WORK-STUDY/EXPERIENCE, NOT FOR CREDIT	554129	CHILD DEVELOPMENT 2, NOT FOR CREDIT
550301	GENERAL WORK EXPERIENCE	554211	CLOTHING AND TEXTILES 1
550309	GENERAL WORK EXPERIENCE, NOT FOR CREDIT	554219	CLOTHING AND TEXTILES 1, NOT FOR CREDIT
550401	COMBINED VOCATIONAL/ACADEMIC PREPARATION	554221	CLOTHING AND TEXTILES 2
550409	COMBINED VOCATIONAL/ACADEMIC PREPARATION, NOT FOR CREDIT	554229	CLOTHING AND TEXTILES 2, NOT FOR CREDIT
551001	GENERAL PRE-VOCATIONAL PREPARATION	554311	FOOD AND NUTRITION 1
551009	GENERAL PRE-VOCATIONAL PREPARATION, NOT FOR CREDIT	554319	FOOD AND NUTRITION 1, NOT FOR CREDIT
551011	GENERAL AGRICULTURE 1	554321	FOOD AND NUTRITION 2
551019	GENERAL AGRICULTURE 1, NOT FOR CREDIT	554329	FOOD AND NUTRITION 2, NOT FOR CREDIT
551021	GENERAL AGRICULTURE 2	554411	HOME ECONOMICS WORK STUDY 1
551029	GENERAL AGRICULTURE 2, NOT FOR CREDIT	554419	HOME ECONOMICS WORK STUDY 1, NOT FOR CREDIT
551031	GENERAL AGRICULTURE 3	554421	HOME ECONOMICS WORK STUDY 2
551039	GENERAL AGRICULTURE 3, NOT FOR CREDIT	554429	HOME ECONOMICS WORK STUDY 2, NOT FOR CREDIT
551111	ANIMAL CARE 1	554511	HOME ECONOMICS WORK EXPERIENCE 1
551119	ANIMAL CARE 1, NOT FOR CREDIT	554519	HOME ECONOMICS WORK EXPERIENCE 1, NOT FOR CREDIT
551121	ANIMAL CARE 2	554521	HOME ECONOMICS WORK EXPERIENCE 2
551129	ANIMAL CARE 2, NOT FOR CREDIT	554529	HOME ECONOMICS WORK EXPERIENCE 2, NOT FOR CREDIT
551211	PLANT CARE 1	555011	GENERAL INDUSTRIAL ARTS 1
551219	PLANT CARE 1, NOT FOR CREDIT	555019	GENERAL INDUSTRIAL ARTS 1, NOT FOR CREDIT
551221	PLANT CARE 2	555021	GENERAL INDUSTRIAL ARTS 2
551229	PLANT CARE 2, NOT FOR CREDIT	555029	GENERAL INDUSTRIAL ARTS 2, NOT FOR CREDIT
551311	AGRICULTURAL MECHANICS 1	555031	GENERAL INDUSTRIAL ARTS 3
551319	AGRICULTURAL MECHANICS 1, NOT FOR CREDIT	555039	GENERAL INDUSTRIAL ARTS 3, NOT FOR CREDIT
551321	AGRICULTURAL MECHANICS 2	556111	COSMETOLOGY/BARBER 1
551329	AGRICULTURAL MECHANICS 2, NOT FOR CREDIT	556119	COSMETOLOGY/BARBER 1, NOT FOR CREDIT
551411	AGRICULTURAL WORK STUDY	556121	COSMETOLOGY/BARBER 2
551419	AGRICULTURAL WORK STUDY, NOT FOR CREDIT	556129	COSMETOLOGY/BARBER 2, NOT FOR CREDIT
551511	AGRICULTURAL WORK EXPERIENCE	556211	CUSTODIAL AND HOUSEKEEPING SERVICES 1
551519	AGRICULTURAL WORK EXPERIENCE, NOT FOR CREDIT	556219	CUSTODIAL AND HOUSEKEEPING SERVICES 1, NOT FOR CREDIT
552011	GENERAL OFFICE PRACTICE 1	556221	CUSTODIAL AND HOUSEKEEPING SERVICES 2
552019	GENERAL OFFICE PRACTICE 1, NOT FOR CREDIT	556229	CUSTODIAL AND HOUSEKEEPING SERVICES 2, NOT FOR CREDIT
552021	GENERAL OFFICE PRACTICE 2	556311	FOOD SERVICES 1
552031	GENERAL OFFICE PRACTICE 3	556319	FOOD SERVICES 1, NOT FOR CREDIT
552111	OFFICE MACHINES 1	556321	FOOD SERVICES 2
552121	OFFICE MACHINES 2	556329	FOOD SERVICES 2, NOT FOR CREDIT
552211	BUSINESS WORK STUDY 1	556411	MISCELLANEOUS SERVICES 1
552221	BUSINESS WORK STUDY 2	556419	MISCELLANEOUS SERVICES 1, NOT FOR CREDIT
552311	BUSINESS WORK EXPERIENCE 1	556421	MISCELLANEOUS SERVICES 2
552321	BUSINESS WORK EXPERIENCE 2	556429	MISCELLANEOUS SERVICES 2, NOT FOR CREDIT
553011	GENERAL HEALTH OCCUPATIONS 1	556511	SERVICE OCCUPATIONS WORK STUDY 1
553019	GENERAL HEALTH OCCUPATIONS 1, NOT FOR CREDIT	556519	SERVICE OCCUPATIONS WORK STUDY 1, NOT FOR CREDIT
553021	GENERAL HEALTH OCCUPATIONS 2	556521	SERVICE OCCUPATIONS WORK STUDY 2
553029	GENERAL HEALTH OCCUPATIONS 2, NOT FOR CREDIT	556529	SERVICE OCCUPATIONS WORK STUDY 2, NOT FOR CREDIT
553031	GENERAL HEALTH OCCUPATIONS 3	556611	SERVICE OCCUPATIONS WORK EXPERIENCE 1
553039	GENERAL HEALTH OCCUPATIONS 3, NOT FOR CREDIT	556619	SERVICE OCCUPATIONS WORK EXPERIENCE 1, NOT FOR CREDIT
553111	HEALTH OCCUPATIONS WORK STUDY 1	556621	SERVICE OCCUPATIONS WORK EXPERIENCE 2
553119	HEALTH OCCUPATIONS WORK STUDY 1, NOT FOR CREDIT	556629	SERVICE OCCUPATIONS WORK EXPERIENCE 2, NOT FOR CREDIT
553121	HEALTH OCCUPATIONS WORK STUDY 2	557111	GRAPHIC AND PRINTING COMMUNICATIONS 1
553129	HEALTH OCCUPATIONS WORK STUDY 2, NOT FOR CREDIT	557119	GRAPHIC AND PRINTING COMMUNICATIONS 1, NOT FOR CREDIT
553211	HEALTH OCCUPATIONS WORK EXPERIENCE 1	557121	GRAPHIC AND PRINTING COMMUNICATIONS 2
553219	HEALTH OCCUPATIONS WORK EXPERIENCE 1, NOT FOR CREDIT	557129	GRAPHIC AND PRINTING COMMUNICATIONS 2, NOT FOR CREDIT
553221	HEALTH OCCUPATIONS WORK EXPERIENCE 2	557211	LEATHERWORK AND UPHOLSTERY 1
553229	HEALTH OCCUPATIONS WORK EXPERIENCE 2, NOT FOR CREDIT	557219	LEATHERWORK AND UPHOLSTERY 1, NOT FOR CREDIT
554011	GENERAL HOME ECONOMICS 1	557221	LEATHERWORK AND UPHOLSTERY 2
554019	GENERAL HOME ECONOMICS 1, NOT FOR CREDIT	557229	LEATHERWORK AND UPHOLSTERY 2, NOT FOR CREDIT
554021	GENERAL HOME ECONOMICS 2	557311	MEATCUTTING 1
554029	GENERAL HOME ECONOMICS 2, NOT FOR CREDIT	557319	MEATCUTTING 1, NOT FOR CREDIT
554031	GENERAL HOME ECONOMICS 3		
554039	GENERAL HOME ECONOMICS 3, NOT FOR CREDIT		

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CSSC CODE	TITLE	CSSC CODE	TITLE
557321	MEATCUTTING 2	562320	SPECIAL EDUCATION WRITING
557329	MEATCUTTING 2, NOT FOR CREDIT	562321	RESOURCE WRITING
557411	PRECISION PRODUCTION WORK STUDY 1	562322	RESOURCE ROOM ENGLISH 2 (SPECIAL EDUCATION)
557419	PRECISION PRODUCTION WORK STUDY 1, NOT FOR CREDIT	562329	RESOURCE WRITING, NOT FOR CREDIT
557421	PRECISION PRODUCTION WORK STUDY 2	562700	SPECIAL EDUCATION MATH
557429	PRECISION PRODUCTION WORK STUDY 2, NOT FOR CREDIT	562701	RESOURCE GENERAL MATH
557511	PRECISION PRODUCTION WORK EXPERIENCE 1	562709	RESOURCE GENERAL MATH, NOT FOR CREDIT
557519	PRECISION PRODUCTION WORK EXPERIENCE 1, NOT FOR CREDIT	562711	RESOURCE VOCATIONAL MATH
557521	PRECISION PRODUCTION WORK EXPERIENCE 2	562719	RESOURCE VOCATIONAL MATH, NOT FOR CREDIT
557529	PRECISION PRODUCTION WORK EXPERIENCE 2, NOT FOR CREDIT	562721	RESOURCE CONSUMER MATH
558011	GENERAL CONSTRUCTION TRADES 1	562729	RESOURCE CONSUMER MATH, NOT FOR CREDIT
558019	GENERAL CONSTRUCTION TRADES 1, NOT FOR CREDIT	563201	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS
558021	GENERAL CONSTRUCTION TRADES 2	563209	RESOURCE CAREER EXPLORATION/PRE-VOCATIONAL SKILLS, NOT FOR CREDIT
558029	GENERAL CONSTRUCTION TRADES 2, NOT FOR CREDIT	563211	RESOURCE TRANSITION SKILLS
558031	GENERAL CONSTRUCTION TRADES 3	563219	RESOURCE TRANSITION SKILLS, NOT FOR CREDIT
558039	GENERAL CONSTRUCTION TRADES 3, NOT FOR CREDIT	564000	SPECIAL EDUCATION GENERAL SCIENCE
558111	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1	564001	RESOURCE GENERAL SCIENCE
558119	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 1, NOT FOR CREDIT	564009	RESOURCE GENERAL SCIENCE, NOT FOR CREDIT
558121	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2	564500	SPECIAL EDUCATION SOCIAL STUDIES
558129	BRICKMASONRY, STONEMASONRY, AND TILE SETTING 2, NOT FOR CREDIT	564501	RESOURCE SOCIAL STUDIES
558211	CARPENTRY 1	564509	RESOURCE SOCIAL STUDIES, NOT FOR CREDIT
558219	CARPENTRY 1, NOT FOR CREDIT	569001	GENERAL TUTORIAL SERVICES
558221	CARPENTRY 2	569009	GENERAL TUTORIAL SERVICES, NOT FOR CREDIT
558229	CARPENTRY 2, NOT FOR CREDIT	569101	RESOURCE STUDY SKILLS
558311	PLUMBING 1	569109	RESOURCE STUDY SKILLS, NOT FOR CREDIT
558319	PLUMBING 1, NOT FOR CREDIT	569201	SCHOOL AND SOCIAL SURVIVAL SKILLS
558321	PLUMBING 2	569209	SCHOOL AND SOCIAL SURVIVAL SKILLS, NOT FOR CREDIT
558329	PLUMBING 2, NOT FOR CREDIT	569301	RESOURCE SURVIVAL SKILLS
558411	CONSTRUCTION TRADES WORK STUDY 1	569309	RESOURCE SURVIVAL SKILLS, NOT FOR CREDIT
558419	CONSTRUCTION TRADES WORK STUDY 1, NOT FOR CREDIT	569401	HANDICAP SPECIFIC SUPPORT SERVICES
558421	CONSTRUCTION TRADES WORK STUDY 2	569409	HANDICAP SPECIFIC SUPPORT SERVICES, NOT FOR CREDIT
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		
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		
STUB1600 - All Courses Other Than Above			
		240151	NON-SPECIFIC COLLEGE LEVEL STUDIES
		600000	UNCODEABLE

Appendix P

2005 High School Transcript Study Codebook
for Catalog File

HSTS 2005 Catalog File

Variable Name : CATLOGID Catalog ID
Record Number : 1
Position : 1-11
Format : C11
Comment :

Response	Codes	Unweighted Frequency	Percent
00009990001 - 61300110158		169,864	100.0
		169,864	100.0%

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 12-18
Format : C7
Comment :

Response	Codes	Unweighted Frequency	Percent
0000999 - 6130011		169,864	100.0
		169,864	100.0%

Variable Name : CATSRCE Source of Catalog Titles
Record Number : 1
Position : 19-19
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No Materials	0	0	0.0
School Provided	1	167,629	98.7
Generic Catalog	2	2,235	1.3
		169,864	100.0%

Variable Name : CATTYPER Type of Catalog Provided by School
Record Number : 1
Position : 20-20
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Catalog - School Level	1	89,768	52.8
Catalog - District Level	2	45,950	27.1
Catalog - State Level	3	342	0.2
Course List - School Level	4	22,704	13.4
Course List - District Level	5	8,811	5.2
Course List - State Level	6	0	0.0
Master Schedule - School Level	7	54	0.0
No Materials	8	0	0.0
Generic Catalog	9	2,235	1.3
		169,864	100.0%

HSTS 2005 Catalog File

Variable Name : CRSENAME Catalog Course Title
Record Number : 1
Position : 21-140
Format : C120
Comment :

Response	Codes	Unweighted Frequency	Percent
All Course Titles		169,864	100.0
		169,864	100.0%

Variable Name : CSSC Course CSSC Code
Record Number : 1
Position : 141-146
Format : C6
Comment :

Response	Codes	Unweighted Frequency	Percent
010100 - 600000		169,864	100.0
		169,864	100.0%

Variable Name : OFFCAMP Taught Off Campus? (Flag)
Record Number : 1
Position : 147-147
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
On Campus	0	156,079	91.9
Vocational Educational Center	1	3,135	1.8
Special Education Center	2	660	0.4
Other Location	3	5,976	3.5
Multiple Locations	4	3,058	1.8
Home Schooling	5	9	0.0
Distance Learning	6	279	0.2
Video-Enhanced	7	69	0.0
Correspondence Course	8	10	0.0
Computer-Based or Internet Training	9	589	0.3
		169,864	100.0%

Variable Name : OTHLANG Taught in Language Other than English? (Flag)
Record Number : 1
Position : 148-148
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Taught in English	0	164,584	96.9
English as a Second Language	1	3,894	2.3
Taught Completely in Foreign Language	2	1,386	0.8
		169,864	100.0%

HSTS 2005 Catalog File

Variable Name : SPEDFLAG Special Education Course? (Flag)
Record Number : 1
Position : 149-149
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Self-Contained Special Education Course	0	6,839	4.0
Not a Special Education Course	1	155,207	91.4
Resource Special Education Course	2	7,397	4.4
Physical Disabilities Course	3	421	0.2
		169,864	100.0%

Variable Name : SEQFLAG Taught in a Course Sequence? (Flag)
Record Number : 1
Position : 150-150
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Not a Sequential Course	0	110,352	65.0
Introductory Course in Sequence	1	24,839	14.6
Advanced Course in Sequence	2	34,673	20.4
		169,864	100.0%

Variable Name : LEVELFLG Course Level (Flag)
Record Number : 1
Position : 151-151
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Not Classified	0	196	0.1
Remedial Course	1	2,648	1.6
Regular Course	2	136,725	80.5
Enriched Course	3	2,587	1.5
Honors Course	4	10,763	6.3
Pre-AP Course	5	1,647	1.0
Advanced Placement Course	6	7,938	4.7
Pre-IB Course	7	582	0.3
International Baccalaureate Course	8	1,642	1.0
College Credit Course	9	5,136	3.0
		169,864	100.0%

Appendix Q

2005 High School Transcript Study Codebook for
Master CSSC File

APPENDIX Q. 2005 HSTS MASTER CSSC FILE

Variable Name : CSSC CSSC Code
Record Number : 1
Position : 1-6
Format : C6
Comment :

Response	Codes	Unweighted Frequency	Percent
010100 - 600000		2,286	100.0
		2,286	100.0%

Variable Name : SPEDFLAG Special Education Course? (Flag)
Record Number : 1
Position : 7-7
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Self-Contained Special Education Course	0	213	9.3
Not a Special Education Course	1	2,020	88.4
Resource Special Education Course	2	40	1.7
Physical Disabilities Course	3	13	0.6
		2,286	100.0%

Variable Name : TITLE CSSC Code Title
Record Number : 1
Position : 8-132
Format : C125
Comment :

Response	Codes	Unweighted Frequency	Percent
All CSSC Code Titles		2,286	100.0
		2,286	100.0%

Variable Name : SEQFLAG Taught in a Course Sequence? (Flag)
Record Number : 1
Position : 133-133
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Not a Sequential Course	0	1,478	64.7
Introductory Course in Sequence	1	308	13.5
Advanced Course in Sequence	2	500	21.9
		2,286	100.0%

Appendix R

2005 High School Transcript Study Codebook for
NAEP Data File

APPENDIX R. 2005 HSTS NAEP DATA FILE

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes	Unweighted Frequency	Percent
0130011 - 6130011		17,416	100.0
		17,416	100.0%

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 8-17
Format : C10
Comment :

Response	Codes	Unweighted Frequency	Percent
1010807621 - 2580910314		17,416	100.0
		17,416	100.0%

Variable Name : NAEPSBJ NAEP Subject
Record Number : 1
Position : 18-18
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Mathematics	1	7,102	40.8
Science	2	10,314	59.2
		17,416	100.0%

Variable Name : PARED Parental Education Status
Record Number : 1
Position : 19-19
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Did not finish high school	1	1,357	7.8
Graduated high school	2	3,181	18.3
Some education after high school	3	4,249	24.4
Graduated college	4	7,854	45.1
I don't know	7	556	3.2
Unknown	8	215	1.2
Missing	9	4	0.0
		17,416	100.0%

Variable Name : COLLED Collapsed Parental Education Status
Record Number : 1
Position : 20-20
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Neither parent graduated college	0	8,787	50.5
At least one parent graduated college	1	7,854	45.1
Unknown/Missing	9	775	4.4
		17,416	100.0%

Variable Name : EXPEDUC Expected Education Status
Record Number : 1
Position : 21-21
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	65	0.4
Will not graduate high school	1	62	0.4
Will graduate high school	2	443	2.5
Will have some education after high school	3	848	4.9
Will graduate college	4	5,870	33.7
Will go to graduate school	5	2,348	13.5
I don't know	7	265	1.5
Unknown	8	413	2.4
Missing	9	7,102	40.8
		17,416	100.0%

Variable Name : COLLEXP Collapsed Expected Education Status
Record Number : 1
Position : 22-22
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Will not graduate college	0	1,353	7.8
Will graduate college	1	8,218	47.2
Unknown/Missing	9	7,845	45.0
		17,416	100.0%

Variable Name : PSCORE1 Composite Score - Estimate 1
Record Number : 1
Position : 23-28
Format : N6.2
Comment :

Response	Codes	Unweighted Frequency	Percent
18.66 - 269.59	18.66 - 269.59	17,416	100.0
		17,416	100.0%

Variable Name : PSCORE2 Composite Score - Estimate 2
Record Number : 1
Position : 29-34
Format : N6.2
Comment :

Response	Codes	Unweighted Frequency	Percent
-2.27 - 255.06	-2.27 - 255.06	17,416	100.0
		17,416	100.0%

Variable Name : PSCORE3 Composite Score - Estimate 3
Record Number : 1
Position : 35-40
Format : N6.2
Comment :

Response	Codes	Unweighted Frequency	Percent
7.08 - 268.71	7.08 - 268.71	17,416	100.0
		17,416	100.0%

Variable Name : PSCORE4 Composite Score - Estimate 4
Record Number : 1
Position : 41-46
Format : N6.2
Comment :

Response	Codes	Unweighted Frequency	Percent
11.82 - 262.55	11.82 - 262.55	17,416	100.0
		17,416	100.0%

Variable Name : PSCORE5 Composite Score - Estimate 5
Record Number : 1
Position : 47-52
Format : N6.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.07 - 267.66	0.07 - 267.66	17,416	100.0
		17,416	100.0%

Variable Name : REPGRP Jackknife Replicate Group Number
Record Number : 1
Position : 53-54
Format : N2.0
Comment :

Response	Codes	Unweighted Frequency	Percent
1 - 62	1 - 62	17,416	100.0
		17,416	100.0%

Variable Name : DRPGRP Jackknife Dropout Group Number
Record Number : 1
Position : 55-55
Format : N1.0
Comment :

Response	Codes	Unweighted Frequency	Percent
1 - 3	1 - 3	17,416	100.0
		17,416	100.0%

Variable Name : FINLNKWT Final Usable Linked Student Weight
Record Number : 1
Position : 56-69
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
52.03 - 1202.73	52.03 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT1 Linked Jackknife Replicate Weight 1
Record Number : 1
Position : 70-83
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1332.20	0 - 1332.20	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT2 Linked Jackknife Replicate Weight 2
Record Number : 1
Position : 84-97
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1552.30	0 - 1552.30	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT3 Linked Jackknife Replicate Weight 3
Record Number : 1
Position : 98-111
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1220.68	0 - 1220.68	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT4 Linked Jackknife Replicate Weight 4
Record Number : 1
Position : 112-125
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT5 Linked Jackknife Replicate Weight 5
Record Number : 1
Position : 126-139
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT6 Linked Jackknife Replicate Weight 6
Record Number : 1
Position : 140-153
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1242.35	0 - 1242.35	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT7 Linked Jackknife Replicate Weight 7
Record Number : 1
Position : 154-167
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1296.82	0 - 1296.82	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT8 Linked Jackknife Replicate Weight 8
Record Number : 1
Position : 168-181
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT9 Linked Jackknife Replicate Weight 9
Record Number : 1
Position : 182-195
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1309.72	0 - 1309.72	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT10 Linked Jackknife Replicate Weight 10
Record Number : 1
Position : 196-209
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1129.46	0 - 1129.46	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT11 Linked Jackknife Replicate Weight 11
Record Number : 1
Position : 210-223
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT12 Linked Jackknife Replicate Weight 12
Record Number : 1
Position : 224-237
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT13 Linked Jackknife Replicate Weight 13
Record Number : 1
Position : 238-251
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT14 Linked Jackknife Replicate Weight 14
Record Number : 1
Position : 252-265
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1215.78	0 - 1215.78	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT15 Linked Jackknife Replicate Weight 15
Record Number : 1
Position : 266-279
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT16 Linked Jackknife Replicate Weight 16
Record Number : 1
Position : 280-293
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1771.81	0 - 1771.81	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT17 Linked Jackknife Replicate Weight 17
Record Number : 1
Position : 294-307
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1773.18	0 - 1773.18	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT18 Linked Jackknife Replicate Weight 18
Record Number : 1
Position : 308-321
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1704.18	0 - 1704.18	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT19 Linked Jackknife Replicate Weight 19
Record Number : 1
Position : 322-335
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1738.37	0 - 1738.37	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT20 Linked Jackknife Replicate Weight 20
Record Number : 1
Position : 336-349
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT21 Linked Jackknife Replicate Weight 21
Record Number : 1
Position : 350-363
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1354.38	0 - 1354.38	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT22 Linked Jackknife Replicate Weight 22
Record Number : 1
Position : 364-377
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1922.97	0 - 1922.97	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT23 Linked Jackknife Replicate Weight 23
Record Number : 1
Position : 378-391
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1578.68	0 - 1578.68	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT24 Linked Jackknife Replicate Weight 24
Record Number : 1
Position : 392-405
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1245.20	0 - 1245.20	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT25 Linked Jackknife Replicate Weight 25
Record Number : 1
Position : 406-419
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT26 Linked Jackknife Replicate Weight 26
Record Number : 1
Position : 420-433
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1863.48	0 - 1863.48	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT27 Linked Jackknife Replicate Weight 27
Record Number : 1
Position : 434-447
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT28 Linked Jackknife Replicate Weight 28
Record Number : 1
Position : 448-461
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1302.06	0 - 1302.06	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT29 Linked Jackknife Replicate Weight 29
Record Number : 1
Position : 462-475
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT30 Linked Jackknife Replicate Weight 30
Record Number : 1
Position : 476-489
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1268.91	0 - 1268.91	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT31 Linked Jackknife Replicate Weight 31
Record Number : 1
Position : 490-503
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1168.06	0 - 1168.06	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT32 Linked Jackknife Replicate Weight 32
Record Number : 1
Position : 504-517
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1335.15	0 - 1335.15	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT33 Linked Jackknife Replicate Weight 33
Record Number : 1
Position : 518-531
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1474.91	0 - 1474.91	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT34 Linked Jackknife Replicate Weight 34
Record Number : 1
Position : 532-545
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1509.11	0 - 1509.11	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT35 Linked Jackknife Replicate Weight 35
Record Number : 1
Position : 546-559
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1878.38	0 - 1878.38	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT36 Linked Jackknife Replicate Weight 36
Record Number : 1
Position : 560-573
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1237.40	0 - 1237.40	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT37 Linked Jackknife Replicate Weight 37
Record Number : 1
Position : 574-587
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1769.74	0 - 1769.74	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT38 Linked Jackknife Replicate Weight 38
Record Number : 1
Position : 588-601
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1291.89	0 - 1291.89	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT39 Linked Jackknife Replicate Weight 39
Record Number : 1
Position : 602-615
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1455.93	0 - 1455.93	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT40 Linked Jackknife Replicate Weight 40
Record Number : 1
Position : 616-629
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1530.98	0 - 1530.98	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT41 Linked Jackknife Replicate Weight 41
Record Number : 1
Position : 630-643
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1368.42	0 - 1368.42	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT42 Linked Jackknife Replicate Weight 42
Record Number : 1
Position : 644-657
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1223.53	0 - 1223.53	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT43 Linked Jackknife Replicate Weight 43
Record Number : 1
Position : 658-671
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT44 Linked Jackknife Replicate Weight 44
Record Number : 1
Position : 672-685
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1296.34	0 - 1296.34	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT45 Linked Jackknife Replicate Weight 45
Record Number : 1
Position : 686-699
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1686.67	0 - 1686.67	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT46 Linked Jackknife Replicate Weight 46
Record Number : 1
Position : 700-713
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1334.97	0 - 1334.97	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT47 Linked Jackknife Replicate Weight 47
Record Number : 1
Position : 714-727
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT48 Linked Jackknife Replicate Weight 48
Record Number : 1
Position : 728-741
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1168.06	0 - 1168.06	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT49 Linked Jackknife Replicate Weight 49
Record Number : 1
Position : 742-755
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT50 Linked Jackknife Replicate Weight 50
Record Number : 1
Position : 756-769
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1352.91	0 - 1352.91	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT51 Linked Jackknife Replicate Weight 51
Record Number : 1
Position : 770-783
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1246.76	0 - 1246.76	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT52 Linked Jackknife Replicate Weight 52
Record Number : 1
Position : 784-797
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1238.30	0 - 1238.30	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT53 Linked Jackknife Replicate Weight 53
Record Number : 1
Position : 798-811
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1090.31	0 - 1090.31	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT54 Linked Jackknife Replicate Weight 54
Record Number : 1
Position : 812-825
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1256.46	0 - 1256.46	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT55 Linked Jackknife Replicate Weight 55
Record Number : 1
Position : 826-839
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 2371.05	0 - 2371.05	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT56 Linked Jackknife Replicate Weight 56
Record Number : 1
Position : 840-853
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT57 Linked Jackknife Replicate Weight 57
Record Number : 1
Position : 854-867
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1324.05	0 - 1324.05	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT58 Linked Jackknife Replicate Weight 58
Record Number : 1
Position : 868-881
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT59 Linked Jackknife Replicate Weight 59
Record Number : 1
Position : 882-895
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1322.82	0 - 1322.82	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT60 Linked Jackknife Replicate Weight 60
Record Number : 1
Position : 896-909
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1472.78	0 - 1472.78	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT61 Linked Jackknife Replicate Weight 61
Record Number : 1
Position : 910-923
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1202.73	0 - 1202.73	17,416	100.0
		17,416	100.0%

Variable Name : LREPWT62 Linked Jackknife Replicate Weight 62
Record Number : 1
Position : 924-937
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1230.93	0 - 1230.93	17,416	100.0
		17,416	100.0%

Variable Name : FINCOMWT Final Usable Combined Linked Student Weight
Record Number : 1
Position : 938-951
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
30.79 - 490.91	30.79 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT1 Combined Linked Jackknife Replicate Weight 1
Record Number : 1
Position : 952-965
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 543.76	0 - 543.76	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT2 Combined Linked Jackknife Replicate Weight 2
Record Number : 1
Position : 966-979
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 633.60	0 - 633.60	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT3 Combined Linked Jackknife Replicate Weight 3
Record Number : 1
Position : 980-993
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 498.24	0 - 498.24	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT4 Combined Linked Jackknife Replicate Weight 4
Record Number : 1
Position : 994-1007
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT5 Combined Linked Jackknife Replicate Weight 5
Record Number : 1
Position : 1008-1021
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT6 Combined Linked Jackknife Replicate Weight 6
Record Number : 1
Position : 1022-1035
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 507.08	0 - 507.08	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT7 Combined Linked Jackknife Replicate Weight 7
Record Number : 1
Position : 1036-1049
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 529.32	0 - 529.32	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT8 Combined Linked Jackknife Replicate Weight 8
Record Number : 1
Position : 1050-1063
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT9 Combined Linked Jackknife Replicate Weight 9
Record Number : 1
Position : 1064-1077
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 534.58	0 - 534.58	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT10 Combined Linked Jackknife Replicate Weight 10
Record Number : 1
Position : 1078-1091
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 461.58	0 - 461.58	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT11 Combined Linked Jackknife Replicate Weight 11
Record Number : 1
Position : 1092-1105
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT12 Combined Linked Jackknife Replicate Weight 12
Record Number : 1
Position : 1106-1119
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT13 Combined Linked Jackknife Replicate Weight 13
Record Number : 1
Position : 1120-1133
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT14 Combined Linked Jackknife Replicate Weight 14
Record Number : 1
Position : 1134-1147
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 496.24	0 - 496.24	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT15 Combined Linked Jackknife Replicate Weight 15
Record Number : 1
Position : 1148-1161
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT16 Combined Linked Jackknife Replicate Weight 16
Record Number : 1
Position : 1162-1175
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 724.34	0 - 724.34	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT17 Combined Linked Jackknife Replicate Weight 17
Record Number : 1
Position : 1176-1189
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 723.75	0 - 723.75	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT18 Combined Linked Jackknife Replicate Weight 18
Record Number : 1
Position : 1190-1203
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 695.59	0 - 695.59	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT19 Combined Linked Jackknife Replicate Weight 19
Record Number : 1
Position : 1204-1217
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 709.54	0 - 709.54	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT20 Combined Linked Jackknife Replicate Weight 20
Record Number : 1
Position : 1218-1231
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT21 Combined Linked Jackknife Replicate Weight 21
Record Number : 1
Position : 1232-1245
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 552.81	0 - 552.81	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT22 Combined Linked Jackknife Replicate Weight 22
Record Number : 1
Position : 1246-1259
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 784.89	0 - 784.89	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT23 Combined Linked Jackknife Replicate Weight 23
Record Number : 1
Position : 1260-1273
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 644.36	0 - 644.36	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT24 Combined Linked Jackknife Replicate Weight 24
Record Number : 1
Position : 1274-1287
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 508.25	0 - 508.25	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT25 Combined Linked Jackknife Replicate Weight 25
Record Number : 1
Position : 1288-1301
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT26 Combined Linked Jackknife Replicate Weight 26
Record Number : 1
Position : 1302-1315
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 849.54	0 - 849.54	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT27 Combined Linked Jackknife Replicate Weight 27
Record Number : 1
Position : 1316-1329
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT28 Combined Linked Jackknife Replicate Weight 28
Record Number : 1
Position : 1330-1343
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 531.46	0 - 531.46	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT29 Combined Linked Jackknife Replicate Weight 29
Record Number : 1
Position : 1344-1357
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 513.54	0 - 513.54	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT30 Combined Linked Jackknife Replicate Weight 30
Record Number : 1
Position : 1358-1371
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 521.52	0 - 521.52	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT31 Combined Linked Jackknife Replicate Weight 31
Record Number : 1
Position : 1372-1385
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 476.76	0 - 476.76	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT32 Combined Linked Jackknife Replicate Weight 32
Record Number : 1
Position : 1386-1399
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 566.85	0 - 566.85	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT33 Combined Linked Jackknife Replicate Weight 33
Record Number : 1
Position : 1400-1413
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 602.01	0 - 602.01	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT34 Combined Linked Jackknife Replicate Weight 34
Record Number : 1
Position : 1414-1427
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 615.97	0 - 615.97	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT35 Combined Linked Jackknife Replicate Weight 35
Record Number : 1
Position : 1428-1441
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 766.69	0 - 766.69	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT36 Combined Linked Jackknife Replicate Weight 36
Record Number : 1
Position : 1442-1455
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 505.06	0 - 505.06	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT37 Combined Linked Jackknife Replicate Weight 37
Record Number : 1
Position : 1456-1469
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 722.35	0 - 722.35	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT38 Combined Linked Jackknife Replicate Weight 38
Record Number : 1
Position : 1470-1483
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 527.31	0 - 527.31	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT39 Combined Linked Jackknife Replicate Weight 39
Record Number : 1
Position : 1484-1497
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 594.26	0 - 594.26	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT40 Combined Linked Jackknife Replicate Weight 40
Record Number : 1
Position : 1498-1511
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 624.89	0 - 624.89	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT41 Combined Linked Jackknife Replicate Weight 41
Record Number : 1
Position : 1512-1525
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 559.17	0 - 559.17	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT42 Combined Linked Jackknife Replicate Weight 42
Record Number : 1
Position : 1526-1539
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 499.40	0 - 499.40	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT43 Combined Linked Jackknife Replicate Weight 43
Record Number : 1
Position : 1540-1553
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT44 Combined Linked Jackknife Replicate Weight 44
Record Number : 1
Position : 1554-1567
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 529.12	0 - 529.12	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT45 Combined Linked Jackknife Replicate Weight 45
Record Number : 1
Position : 1568-1581
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 688.44	0 - 688.44	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT46 Combined Linked Jackknife Replicate Weight 46
Record Number : 1
Position : 1582-1595
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 544.89	0 - 544.89	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT47 Combined Linked Jackknife Replicate Weight 47
Record Number : 1
Position : 1596-1609
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT48 Combined Linked Jackknife Replicate Weight 48
Record Number : 1
Position : 1610-1623
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 476.76	0 - 476.76	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT49 Combined Linked Jackknife Replicate Weight 49
Record Number : 1
Position : 1624-1637
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT50 Combined Linked Jackknife Replicate Weight 50
Record Number : 1
Position : 1638-1651
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 552.21	0 - 552.21	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT51 Combined Linked Jackknife Replicate Weight 51
Record Number : 1
Position : 1652-1665
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 508.89	0 - 508.89	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT52 Combined Linked Jackknife Replicate Weight 52
Record Number : 1
Position : 1666-1679
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 505.43	0 - 505.43	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT53 Combined Linked Jackknife Replicate Weight 53
Record Number : 1
Position : 1680-1693
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 461.58	0 - 461.58	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT54 Combined Linked Jackknife Replicate Weight 54
Record Number : 1
Position : 1694-1707
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 512.85	0 - 512.85	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT55 Combined Linked Jackknife Replicate Weight 55
Record Number : 1
Position : 1708-1721
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 967.78	0 - 967.78	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT56 Combined Linked Jackknife Replicate Weight 56
Record Number : 1
Position : 1722-1735
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT57 Combined Linked Jackknife Replicate Weight 57
Record Number : 1
Position : 1736-1749
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 540.43	0 - 540.43	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT58 Combined Linked Jackknife Replicate Weight 58
Record Number : 1
Position : 1750-1763
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 490.91	0 - 490.91	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT59 Combined Linked Jackknife Replicate Weight 59
Record Number : 1
Position : 1764-1777
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 539.93	0 - 539.93	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT60 Combined Linked Jackknife Replicate Weight 60
Record Number : 1
Position : 1778-1791
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 601.14	0 - 601.14	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT61 Combined Linked Jackknife Replicate Weight 61
Record Number : 1
Position : 1792-1805
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 512.11	0 - 512.11	17,416	100.0
		17,416	100.0%

Variable Name : CREPWT62 Combined Linked Jackknife Replicate Weight 62
Record Number : 1
Position : 1806-1819
Format : N14.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 502.42	0 - 502.42	17,416	100.0
		17,416	100.0%

Appendix S

2005 High School Transcript Study Codebook for School File

APPENDIX S. 2005 HSTS SCHOOL FILE

Variable Name : SCHOOLID School ID Number
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes	Unweighted Frequency	Percent
0130011 - 6130011		726	100.0
		726	100.0%

Variable Name : SCHREFFI School Reference File
Record Number : 1
Position : 8-8
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Common Core of Data	1	620	85.4
Private School Survey	2	70	9.6
Missing	9	36	5.0
		726	100.0%

Variable Name : SCHREFID School Reference File ID Number
Record Number : 1
Position : 9-20
Format : C12
Comment :

Response	Codes	Unweighted Frequency	Percent
All School Reference File ID Numbers		690	95.0
Missing	UNKNOWN	36	5.0
		726	100.0%

Variable Name : CATSRCE Source of Catalog Titles
Record Number : 1
Position : 21-21
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No Materials	0	43	5.9
School Provided	1	683	94.1
		726	100.0%

Variable Name : CATTYPE Type of Catalog Provided
Record Number : 1
Position : 22-22
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Catalog - School Level	1	461	63.5
Catalog - District Level	2	114	15.7
Catalog - State Level	3	1	0.1
Course List - School Level	4	96	13.2
Course List - District Level	5	10	1.4
Course List - State Level	6	0	0.0
Master Schedule - School Level	7	1	0.1
No Materials	8	43	5.9
		726	100.0%

Variable Name : LINKED Sample Type
Record Number : 1
Position : 23-23
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
NAEP, Linked	1	677	93.3
HSTS Only	2	47	6.5
NAEP, Not Linked	3	2	0.3
		726	100.0%

Variable Name : STATE FIPS State Code
Record Number : 1
Position : 24-25
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Alabama	01	15	2.1
Alaska	02	1	0.1
Arizona	04	17	2.3
Arkansas	05	11	1.5
California	06	86	11.8
Colorado	08	17	2.3
Connecticut	09	3	0.4
Delaware	10	4	0.6
District of Columbia	11	4	0.6
Florida	12	47	6.5
Georgia	13	20	2.8
Hawaii	15	4	0.6
Idaho	16	7	1.0
Illinois	17	22	3.0
Indiana	18	15	2.1
Iowa	19	8	1.1
Kansas	20	0	0.0
Kentucky	21	9	1.2
Louisiana	22	20	2.8
Maine	23	4	0.6
Maryland	24	0	0.0
Massachusetts	25	17	2.3
Michigan	26	29	4.0
Minnesota	27	15	2.1
Mississippi	28	15	2.1
Missouri	29	13	1.8
Montana	30	5	0.7
Nebraska	31	10	1.4
Nevada	32	3	0.4
New Hampshire	33	4	0.6
New Jersey	34	21	2.9
New Mexico	35	6	0.8
New York	36	3	0.4
North Carolina	37	27	3.7
North Dakota	38	5	0.7
Ohio	39	22	3.0
Oklahoma	40	12	1.7
Oregon	41	8	1.1
Pennsylvania	42	29	4.0
Rhode Island	44	3	0.4
South Carolina	45	12	1.7
South Dakota	46	3	0.4
Tennessee	47	11	1.5
Texas	48	70	9.6
Utah	49	6	0.8
Vermont	50	3	0.4
Virginia	51	14	1.9
Washington	53	20	2.8
West Virginia	54	8	1.1
Wisconsin	55	16	2.2
Wyoming	56	0	0.0
Bureau of Indian Affairs schools	59	1	0.1
Department of Defense schools	61	1	0.1
		726	100.0%

Variable Name : STYPE School Type
Record Number : 1
Position : 26-26
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Public/State Run	1	641	88.3
Religious/Nonpublic	2	40	5.5
Catholic	3	20	2.8
Bureau of Indian Affairs	4	1	0.1
Department of Defense	5	1	0.1
Missing	9	23	3.2
		726	100.0%

Variable Name : LOCALE8 Type of Locale (8 levels)
Record Number : 1
Position : 27-27
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Large city	1	91	12.5
Mid-sized city	2	122	16.8
Urban fringe of large city	3	186	25.6
Urban fringe of mid-sized city	4	83	11.4
Large town	5	9	1.2
Small town	6	51	7.0
Rural, outside CBSA	7	109	15.0
Rural, inside CBSA	8	75	10.3
		726	100.0%

Variable Name : LOCALE5 Type of Locale (5 levels)
Record Number : 1
Position : 28-28
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Large city	1	91	12.5
Mid-sized city	2	122	16.8
Urban fringe	3	269	37.1
Town	4	60	8.3
Rural	5	184	25.3
		726	100.0%

Variable Name : URBAN Urbanicity (3 levels)
Record Number : 1
Position : 29-29
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Urban	1	213	29.3
Suburban	2	278	38.3
Rural	3	235	32.4
		726	100.0%

Variable Name : ENROLL School Enrollment
Record Number : 1
Position : 30-30
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 499 students	1	175	24.1
500 - 999 students	2	103	14.2
1000 - 1499 students	3	124	17.1
1500 - 1999 students	4	102	14.0
2000+ students	5	131	18.0
Missing	9	91	12.5
		726	100.0%

Variable Name : MINSTAT School Minority Status
Record Number : 1
Position : 31-31
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Missing	0	2	0.3
Low minority	1	198	27.3
Normal	2	341	47.0
High minority	3	185	25.5
		726	100.0%

Variable Name : MNGRDC Carnegie Units Required to Graduate (Cont.)
Record Number : 1
Position : 32-36
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
10 - 32	10 - 32	639	88.0
Missing	99.99	87	12.0
		726	100.0%

Variable Name : MNENGG English Credits for Graduation (Cont.)
Record Number : 1
Position : 37-41
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 45	0 - 45	643	88.6
Missing	99.99	83	11.4
		726	100.0%

Variable Name : MNMATG Mathematics Credits for Graduation (Cont.)
Record Number : 1
Position : 42-46
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 8	0 - 8	643	88.6
Missing	99.99	83	11.4
		726	100.0%

Variable Name : MNCMPS Computer Science Credits for Graduation (Cont.)
Record Number : 1
Position : 47-51
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0 - 5	643	88.6
Missing	99.99	83	11.4
		726	100.0%

Variable Name : MNSOST Social Studies Credits for Graduation (Cont.)
Record Number : 1
Position : 52-56
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 12.5	0 - 12.5	643	88.6
Missing	99.99	83	11.4
		726	100.0%

Variable Name : MNSCGR Science Credits for Graduation (Cont.)
Record Number : 1
Position : 57-61
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 30	0 - 30	643	88.6
Missing	99.99	83	11.4
		726	100.0%

Variable Name : MNFLAN Foreign Language Credits for Graduation (Cont.)
Record Number : 1
Position : 62-66
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 6	0 - 6	643	88.6
Missing	99.99	83	11.4
		726	100.0%

Variable Name : MNPEDE Physical Education Credits for Graduation (Cont.)
Record Number : 1
Position : 67-71
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15.5	0 - 15.5	643	88.6
Missing	99.99	83	11.4
		726	100.0%

Variable Name : MNOTCR Other Credits Required for Graduation (Cont.)
Record Number : 1
Position : 72-76
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 25.5	0 - 25.5	643	88.6
Missing	99.99	83	11.4
		726	100.0%

Variable Name : NONELCR Number of Non-Elective Credits
Record Number : 1
Position : 77-81
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 32	0 - 32	635	87.5
Missing	99.99	91	12.5
		726	100.0%

Variable Name : MNGRDCC Carnegie Units Required to Graduate (Categ.)
Record Number : 1
Position : 82-82
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 24.0	1	499	68.7
24.1 - 26.0	2	64	8.8
26.1 - 28.0	3	56	7.7
>= 28.1	4	20	2.8
Missing	9	87	12.0
		726	100.0%

Variable Name : MNENGGC English Credits for Graduation (Categ.)
Record Number : 1
Position : 83-83
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 3.9	1	50	6.9
4.0	2	572	78.8
>= 4.1	3	21	2.9
Missing	9	83	11.4
		726	100.0%

Variable Name : MNMATGC Mathematics Credits for Graduation (Categ.)
Record Number : 1
Position : 84-84
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 2.0	1	175	24.1
2.1 - 3.0	2	386	53.2
>= 3.1	3	82	11.3
Missing	9	83	11.4
		726	100.0%

Variable Name : MNCMPSC Computer Science Credits for Graduation (Categ.)
Record Number : 1
Position : 85-85
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.0	1	360	49.6
0.1 - 1.0	2	254	35.0
>= 1.1	3	29	4.0
Missing	9	83	11.4
		726	100.0%

Variable Name : MNSOSTC Social Studies Credits for Graduation (Categ.)
Record Number : 1
Position : 86-86
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 2.0	1	48	6.6
2.1 - 3.0	2	421	58.0
>= 3.1	3	174	24.0
Missing	9	83	11.4
		726	100.0%

Variable Name : MNSCGRC Science Credits for Graduation (Categ.)
Record Number : 1
Position : 87-87
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 2.0	1	264	36.4
2.1 - 3.0	2	338	46.6
>= 3.1	3	41	5.6
Missing	9	83	11.4
		726	100.0%

Variable Name : MNFLANC Foreign Language Credits for Graduation (Categ.)
Record Number : 1
Position : 88-88
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 1.0	1	520	71.6
1.1 - 2.0	2	110	15.2
>= 2.1	3	13	1.8
Missing	9	83	11.4
		726	100.0%

Variable Name : MNPEDEC Physical Education Credits for Graduation (Categ.)
Record Number : 1
Position : 89-89
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 2.0	1	544	74.9
2.1 - 3.0	2	70	9.6
>= 3.1	3	29	4.0
Missing	9	83	11.4
		726	100.0%

Variable Name : MNOTCRC Other Credits Required for Graduation (Categ.)
Record Number : 1
Position : 90-90
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.0	1	63	8.7
0.1 - 1.0	2	91	12.5
>= 1.1	3	489	67.4
Missing	9	83	11.4
		726	100.0%

Variable Name : REQ Four Year High School?
Record Number : 1
Position : 91-91
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	56	7.7
Yes	1	634	87.3
Missing	9	36	5.0
		726	100.0%

Variable Name : COMPTST Competency Test Required
Record Number : 1
Position : 92-92
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	458	63.1
No	2	262	36.1
Missing	9	6	0.8
		726	100.0%

Variable Name : SGRSPAN Grade Span Code
Record Number : 1
Position : 93-96
Format : C4
Comment :

Response	Codes	Unweighted Frequency	Percent
Preschool to 12th	PK12	47	6.5
Kindergarten to 12th	KG12	19	2.6
6th to 12th	0612	15	2.1
7th to 12th	0712	49	6.7
8th to 12th	0812	12	1.7
9th to 12th	0912	493	67.9
10th to 12th	1012	27	3.7
11th to 12th	1112	6	0.8
12th grade only	1212	3	0.4
Not reported	UNKN	55	7.6
		726	100.0%

Variable Name : DIPSTD Offer Standard Diploma?
Record Number : 1
Position : 97-97
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	21	2.9
Yes	1	701	96.6
Missing	9	4	0.6
		726	100.0%

Variable Name : DIPHON Offer Honors Diploma?
Record Number : 1
Position : 98-98
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	549	75.6
Yes	1	173	23.8
Missing	9	4	0.6
		726	100.0%

Variable Name : DIPVOC Offer Vocational Diploma?
Record Number : 1
Position : 99-99
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	673	92.7
Yes	1	49	6.7
Missing	9	4	0.6
		726	100.0%

Variable Name : DIPSPED Offer Special Education Diploma?
Record Number : 1
Position : 100-100
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	583	80.3
Yes	1	139	19.1
Missing	9	4	0.6
		726	100.0%

Variable Name : DIPIB Offer International Baccalaureate Diploma?
Record Number : 1
Position : 101-101
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	695	95.7
Yes	1	27	3.7
Missing	9	4	0.6
		726	100.0%

Variable Name : PRGIB Offer International Baccalaureate Program?
Record Number : 1
Position : 102-102
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	694	95.6
Yes	1	26	3.6
Missing	9	6	0.8
		726	100.0%

Variable Name : PRGART Offer Performing Arts Program?
Record Number : 1
Position : 103-103
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	682	93.9
Yes	1	38	5.2
Missing	9	6	0.8
		726	100.0%

Variable Name : PRGSCT Offer Science and Technology Program?
Record Number : 1
Position : 104-104
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	671	92.4
Yes	1	49	6.7
Missing	9	6	0.8
		726	100.0%

Variable Name : PRGCE Offer Continuing Education Program?
Record Number : 1
Position : 105-105
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	710	97.8
Yes	1	10	1.4
Missing	9	6	0.8
		726	100.0%

Variable Name : PRGOTH Offer Other Specialized Program?
Record Number : 1
Position : 106-106
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	643	88.6
Yes	1	77	10.6
Missing	9	6	0.8
		726	100.0%

Variable Name : NUMCLASS Typical Number of Classes
Record Number : 1
Position : 107-108
Format : N2.0
Comment :

Response	Codes	Unweighted Frequency	Percent
1 - 15	1 - 15	701	96.6
Missing	99	25	3.4
		726	100.0%

Variable Name : LNGCLASS Typical Length of Class (Minutes)
Record Number : 1
Position : 109-111
Format : N3.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 120	0 - 120	700	96.4
Missing	999	26	3.6
		726	100.0%

Do all students in your school follow the same school calendar?

Variable Name : SCHQ2 All students follow same calendar
Record Number : 1
Position : 112-112
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	644	88.7
No	2	7	1.0
Omitted	8	75	10.3
		726	100.0%

Please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005.

Variable Name : SCHQ3 Hours of instruction at grade 12 as of Feb 1, 2005
Record Number : 1
Position : 113-117
Format : N5.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 9727	0 - 9727	594	81.8
Omitted	99999	132	18.2
		726	100.0%

For each group of students following a separate calendar, please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005. - First Group

Variable Name : SCHQ4A First group: Hrs of instruction as of Feb 1, 2005
 Record Number : 1
 Position : 118-121
 Format : N4.0
 Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7000	0 - 7000	142	19.6
Omitted	9999	584	80.4
		726	100.0%

For each group of students following a separate calendar, please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005. - Second Group

Variable Name : SCHQ4B Second group: Hrs of instruction as of Feb 1, 2005
 Record Number : 1
 Position : 122-125
 Format : N4.0
 Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7000	0 - 7000	124	17.1
Omitted	9999	602	82.9
		726	100.0%

For each group of students following a separate calendar, please indicate the number of hours of instruction that twelfth-grade students in your school completed as of February 1, 2005. - Third Group

Variable Name : SCHQ4C Third group: Hrs of instruction as of Feb 1, 2005
 Record Number : 1
 Position : 126-129
 Format : N4.0
 Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7000	0 - 7000	122	16.8
Omitted	9999	604	83.2
		726	100.0%

What is the current enrollment in your school?

Variable Name : SCHQ5 What is current enrollment in school
Record Number : 1
Position : 130-134
Format : N5.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4867	0 - 4867	636	87.6
Omitted	99999	90	12.4
		726	100.0%

Of the students currently enrolled in your school, what percentage has been identified as limited-English proficient?

Variable Name : SCHQ6 Percent enrollment identified as LEP
Record Number : 1
Position : 135-136
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
0%	01	167	23.0
1 - 5%	02	310	42.7
6 - 10%	03	64	8.8
11 - 25%	04	62	8.5
26 - 50%	05	25	3.4
51 - 75%	06	4	0.6
76 - 90%	07	5	0.7
Over 90%	08	2	0.3
Omitted	88	87	12.0
		726	100.0%

What type of school is this? - Regular secondary school

Variable Name : SCHQ7A School type is regular secondary
Record Number : 1
Position : 137-137
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	507	69.8
No	2	0	0.0
Omitted	8	219	30.2
		726	100.0%

What type of school is this? - A regular school with a magnet program

Variable Name : SCHQ7B School type is regular with magnet program
Record Number : 1
Position : 138-138
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	37	5.1
No	2	0	0.0
Omitted	8	689	94.9
		726	100.0%

What type of school is this? - A magnet school or a school with a special program emphasis, e.g., science/math school, performing arts high school, talented/gifted school, foreign language immersion school, etc.

Variable Name : SCHQ7C School type is magnet or special emphasis
Record Number : 1
Position : 139-139
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	22	3.0
No	2	0	0.0
Omitted	8	704	97.0
		726	100.0%

What type of school is this? - Special education: a school that primarily serves students with disabilities

Variable Name : SCHQ7D School type is special education
Record Number : 1
Position : 140-140
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	8	1.1
No	2	0	0.0
Omitted	8	718	98.9
		726	100.0%

What type of school is this? - Vocational/technical: a school that primarily serves students being trained for occupations

Variable Name : SCHQ7E School type is vocational/technical
 Record Number : 1
 Position : 141-141
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	15	2.1
No	2	0	0.0
Omitted	8	711	97.9
		726	100.0%

What type of school is this? - Alternative: a school that offers a curriculum designed to provide alternative or nontraditional education, not clearly categorized as regular, special education, or vocational

Variable Name : SCHQ7F School type is alternative
 Record Number : 1
 Position : 142-142
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	26	3.6
No	2	0	0.0
Omitted	8	700	96.4
		726	100.0%

What type of school is this? - Private (independent)

Variable Name : SCHQ7G School type is private independent
 Record Number : 1
 Position : 143-143
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	29	4.0
No	2	0	0.0
Omitted	8	697	96.0
		726	100.0%

What type of school is this? - Private (religiously affiliated)

Variable Name : SCHQ7H School type is private religious
 Record Number : 1
 Position : 144-144
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	40	5.5
No	2	0	0.0
Omitted	8	686	94.5
		726	100.0%

What type of school is this? - Charter school

Variable Name : SCHQ7I School type is charter
 Record Number : 1
 Position : 145-145
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	15	2.1
No	2	0	0.0
Omitted	8	711	97.9
		726	100.0%

What type of school is this? - Privately run public school

Variable Name : SCHQ7J School type is privately run public
 Record Number : 1
 Position : 146-146
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	0	0.0
No	2	0	0.0
Omitted	8	726	100.0
		726	100.0%

What type of school is this? - Other

Variable Name : SCHQ7K School type is other
 Record Number : 1
 Position : 147-147
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	20	2.8
No	2	0	0.0
Omitted	8	706	97.2
		726	100.0%

Does your school participate in the National School Lunch Program?

Variable Name : SCHQ8 School in National School Lunch Program
 Record Number : 1
 Position : 148-148
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	564	77.7
No	2	85	11.7
Omitted	8	77	10.6
		726	100.0%

How does the school operate the program?

Variable Name : SCHQ9 Operation of National School Lunch Program
 Record Number : 1
 Position : 149-149
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Student eligibility determined individually	1	553	76.2
All students under special provisions	2	13	1.8
Omitted	8	160	22.0
		726	100.0%

If your school distributes free lunch to all students under Provision 2 or 3, what was the base year during which individual student eligibility was collected?

Variable Name : SCHQ10 Base year for National School Lunch eligibility
Record Number : 1
Position : 150-151
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
Eligibility determined annually	01	137	18.9
2004	02	26	3.6
2003	03	5	0.7
2002	04	2	0.3
2001	05	3	0.4
2000	06	1	0.1
1999 or earlier	07	19	2.6
Omitted	88	533	73.4
		726	100.0%

During this school year, about what percentage of students in your school was eligible to receive a free or reduced-price lunch through the National School Lunch Program?

Variable Name : SCHQ11 Percent eligible Nat School Lunch Program
Record Number : 1
Position : 152-153
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
0%	01	2	0.3
1 - 5%	02	26	3.6
6 - 10%	03	38	5.2
11 - 25%	04	140	19.3
26 - 34%	05	81	11.2
35 - 50%	06	122	16.8
51 - 75%	07	95	13.1
76 - 99%	08	51	7.0
100%	09	8	1.1
Omitted	88	163	22.5
		726	100.0%

Does your school receive Title I funding? (Title I is a federally funded program which provides educational services, such as remedial reading or remedial math, to children who live in areas with high concentrations of low-income families.)

Variable Name : SCHQ12 Receive Title I funding
Record Number : 1
Position : 154-154
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
No	1	431	59.4
Yes, targeted to eligible students	2	97	13.4
Yes, used for schoolwide purposes	3	114	15.7
Omitted	8	84	11.6
		726	100.0%

Approximately what percentage of students in your school receives the following services? - Targeted Title I services

Variable Name : SCHQ13A Percent receiving targeted Title I services
Record Number : 1
Position : 155-156
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
0%	01	452	62.3
1 - 5%	02	21	2.9
6 - 10%	03	17	2.3
11 - 25%	04	32	4.4
26 - 50%	05	18	2.5
51 - 75%	06	11	1.5
76 - 90%	07	10	1.4
Over 90%	08	38	5.2
Omitted	88	127	17.5
		726	100.0%

Approximately what percentage of students in your school receives the following services? - Advanced Placement, International Baccalaureate, and honors courses

Variable Name : SCHQ13B Percent in AP, IB, and honors courses
Record Number : 1
Position : 157-158
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
0%	01	92	12.7
1 - 5%	02	91	12.5
6 - 10%	03	107	14.7
11 - 25%	04	184	25.3
26 - 50%	05	87	12.0
51 - 75%	06	26	3.6
76 - 90%	07	7	1.0
Over 90%	08	2	0.3
Omitted	88	130	17.9
		726	100.0%

Approximately what percentage of students in your school receives the following services? - Instruction provided in student's home language (non-English)

Variable Name : SCHQ13C Percent receiving non-English instruction
Record Number : 1
Position : 159-160
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
0%	01	475	65.4
1 - 5%	02	102	14.0
6 - 10%	03	20	2.8
11 - 25%	04	7	1.0
26 - 50%	05	5	0.7
51 - 75%	06	0	0.0
76 - 90%	07	2	0.3
Over 90%	08	1	0.1
Omitted	88	114	15.7
		726	100.0%

Approximately what percentage of students in your school receives the following services? - English-as-a-second-language (not in a bilingual education program)

Variable Name : SCHQ13D Percent receiving ESL instruction
 Record Number : 1
 Position : 161-162
 Format : C2
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
0%	01	240	33.1
1 - 5%	02	246	33.9
6 - 10%	03	65	9.0
11 - 25%	04	40	5.5
26 - 50%	05	11	1.5
51 - 75%	06	3	0.4
76 - 90%	07	5	0.7
Over 90%	08	0	0.0
Omitted	88	116	16.0
		726	100.0%

Approximately what percentage of students in your school receives the following services? - Special education

Variable Name : SCHQ13E Percent in special education
 Record Number : 1
 Position : 163-164
 Format : C2
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
0%	01	53	7.3
1 - 5%	02	50	6.9
6 - 10%	03	157	21.6
11 - 25%	04	325	44.8
26 - 50%	05	22	3.0
51 - 75%	06	1	0.1
76 - 90%	07	1	0.1
Over 90%	08	2	0.3
Omitted	88	115	15.8
		726	100.0%

Of students in last year's graduating class, approximately what percentage has gone on to each of the following types of school? - Two-year colleges

Variable Name : SCHQ14A Percent attending two-year colleges
Record Number : 1
Position : 165-166
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	0	0.0
0%	01	19	2.6
1 - 5%	02	54	7.4
6 - 10%	03	84	11.6
11 - 25%	04	221	30.4
26 - 50%	05	189	26.0
51 - 75%	06	38	5.2
76 - 90%	07	2	0.3
Over 90%	08	1	0.1
Omitted	88	118	16.3
		726	100.0%

Of students in last year's graduating class, approximately what percentage has gone on to each of the following types of school? - Four-year colleges or universities

Variable Name : SCHQ14B Percent attending four-year colleges
Record Number : 1
Position : 167-168
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	1	0.1
0%	01	17	2.3
1 - 5%	02	21	2.9
6 - 10%	03	39	5.4
11 - 25%	04	102	14.0
26 - 50%	05	229	31.5
51 - 75%	06	132	18.2
76 - 90%	07	50	6.9
Over 90%	08	28	3.9
Omitted	88	107	14.7
		726	100.0%

Of students in last year's graduating class, approximately what percentage has gone on to each of the following types of school? - Vocational-technical or business schools

Variable Name : SCHQ14C Percent attending vocational-technical schools
Record Number : 1
Position : 169-170
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	1	0.1
0%	01	45	6.2
1 - 5%	02	216	29.8
6 - 10%	03	182	25.1
11 - 25%	04	120	16.5
26 - 50%	05	23	3.2
51 - 75%	06	3	0.4
76 - 90%	07	0	0.0
Over 90%	08	0	0.0
Omitted	88	136	18.7
		726	100.0%

Beginning with ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in mathematics for graduation this year?

Variable Name : SCHMQ1 Grad requirement for mathematics
Record Number : 1
Position : 171-172
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	00	1	0.1
None	01	1	0.1
One-half year	02	0	0.0
One year	03	2	0.3
Two years	04	143	19.7
Three years	05	404	55.6
Four years	06	94	12.9
More than four years	07	0	0.0
Omitted	88	81	11.2
		726	100.0%

**Are courses of at least one semester in length taught in your school in each of the following subjects? -
Pre-calculus, third-year algebra, or elementary functions and analysis**

Variable Name : SCHMQ2A Pre-calc/3rd-yr algeb, taught at least 1 semester
Record Number : 1
Position : 173-173
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	594	81.8
No	2	51	7.0
Omitted	8	81	11.2
		726	100.0%

**Are courses of at least one semester in length taught in your school in each of the following subjects? -
Trigonometry**

Variable Name : SCHMQ2B Courses taught in trigonometry
Record Number : 1
Position : 174-174
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	440	60.6
No	2	185	25.5
Omitted	8	101	13.9
		726	100.0%

**Are courses of at least one semester in length taught in your school in each of the following subjects? -
Advanced Placement Calculus AB**

Variable Name : SCHMQ2C Courses taught in AP calculus AB
Record Number : 1
Position : 175-175
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	422	58.1
No	2	205	28.2
Omitted	8	99	13.6
		726	100.0%

**Are courses of at least one semester in length taught in your school in each of the following subjects? -
Advanced Placement Calculus BC**

Variable Name : SCHMQ2D Courses taught in AP calculus BC
Record Number : 1
Position : 176-176
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	195	26.9
No	2	400	55.1
Omitted	8	131	18.0
		726	100.0%

**Are courses of at least one semester in length taught in your school in each of the following subjects? -
Calculus (other than those listed above)**

Variable Name : SCHMQ2E Courses taught in calculus (other)
Record Number : 1
Position : 177-177
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	306	42.1
No	2	288	39.7
Omitted	8	132	18.2
		726	100.0%

**Are courses of at least one semester in length taught in your school in each of the following subjects? -
Advanced Placement Statistics**

Variable Name : SCHMQ2F Courses taught in AP statistics
Record Number : 1
Position : 178-178
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	202	27.8
No	2	406	55.9
Omitted	8	118	16.3
		726	100.0%

Are courses of at least one semester in length taught in your school in each of the following subjects? - Probability and/or statistics (other than those listed above)

Variable Name : SCHMQ2G Courses taught in probability/statistics
Record Number : 1
Position : 179-179
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	205	28.2
No	2	397	54.7
Omitted	8	124	17.1
		726	100.0%

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced Placement Computer Science

Variable Name : SCHMQ2H Courses taught in AP computer science
Record Number : 1
Position : 180-180
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	119	16.4
No	2	481	66.3
Omitted	8	126	17.4
		726	100.0%

Are courses of at least one semester in length taught in your school in each of the following subjects? - Computer science (other than those listed above)

Variable Name : SCHMQ2I Courses taught in other computer science
Record Number : 1
Position : 181-181
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	417	57.4
No	2	205	28.2
Omitted	8	104	14.3
		726	100.0%

Does your school offer online mathematics test preparation courses for students in your school?

Variable Name : SCHMQ3 School offers online math test prep courses
Record Number : 1
Position : 182-182
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	168	23.1
No	2	479	66.0
Omitted	8	79	10.9
		726	100.0%

Does your school offer online mathematics courses for credit?

Variable Name : SCHMQ4 School offers online math courses for credit
Record Number : 1
Position : 183-183
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	158	21.8
No	2	489	67.4
Omitted	8	79	10.9
		726	100.0%

Beginning in the ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in each of the following subject areas for graduation this year? - Reading/English/language arts

Variable Name : SCHRQ1A Grad requirement for reading/English/language arts
Record Number : 1
Position : 184-184
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
None	1	1	0.1
One-half year	2	0	0.0
One year	3	1	0.1
Two years	4	2	0.3
Three years	5	36	5.0
Four years	6	595	82.0
More than four years	7	11	1.5
Omitted	8	80	11.0
		726	100.0%

Beginning in the ninth grade, how many years (or Carnegie-unit equivalents) of course work does your school or district require of each student in each of the following subject areas for graduation this year? - Science

Variable Name : SCHSQ1B Grad requirement for science
Record Number : 1
Position : 185-185
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
None	1	0	0.0
One-half year	2	4	0.6
One year	3	7	1.0
Two years	4	204	28.1
Three years	5	388	53.4
Four years	6	35	4.8
More than four years	7	1	0.1
Omitted	8	87	12.0
		726	100.0%

During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? - Use of language arts across the curriculum

Variable Name : SCHRQ2A Prof dev using language arts across curriculum
Record Number : 1
Position : 186-186
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Not at all	1	52	7.2
Small extent	2	155	21.3
Moderate extent	3	270	37.2
Large extent	4	161	22.2
Omitted	8	88	12.1
		726	100.0%

During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? - Interpreting and analyzing literature

Variable Name : SCHRQ2B Prof dev interpreting and analyzing literature
Record Number : 1
Position : 187-187
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Not at all	1	161	22.2
Small extent	2	294	40.5
Moderate extent	3	139	19.1
Large extent	4	39	5.4
Omitted	8	93	12.8
		726	100.0%

During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? - Understanding the process of reading or writing

Variable Name : SCHRQ2C Prof development on reading and writing process
Record Number : 1
Position : 188-188
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Not at all	1	47	6.5
Small extent	2	142	19.6
Moderate extent	3	256	35.3
Large extent	4	192	26.4
Omitted	8	89	12.3
		726	100.0%

During the last two years, to what extent have professional development activities offered to teachers in your school focused on the following? - Instructional strategies for teaching language arts

Variable Name : SCHRQ2D Prof dev on strategies for teaching language arts
Record Number : 1
Position : 189-189
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Not at all	1	58	8.0
Small extent	2	194	26.7
Moderate extent	3	252	34.7
Large extent	4	132	18.2
Omitted	8	90	12.4
		726	100.0%

Are courses of at least one semester in length taught in your school in each of the following subjects? - Advanced biology (beyond an introductory course)

Variable Name : SCHSQ3A Courses taught in advanced biology
Record Number : 1
Position : 190-190
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	515	70.9
No	2	134	18.5
Omitted	8	77	10.6
		726	100.0%

**Are courses of at least one semester in length taught in your school in each of the following subjects? -
Advanced chemistry (beyond an introductory course)**

Variable Name : SCHSQ3B Courses taught in advanced chemistry
Record Number : 1
Position : 191-191
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	439	60.5
No	2	210	28.9
Omitted	8	77	10.6
		726	100.0%

**Are courses of at least one semester in length taught in your school in each of the following subjects? -
Advanced physics (beyond an introductory course)**

Variable Name : SCHSQ3C Courses taught in advanced physics
Record Number : 1
Position : 192-192
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	369	50.8
No	2	277	38.2
Omitted	8	80	11.0
		726	100.0%

Appendix T

2005 High School Transcript Study Codebook for
SD/LEP File

APPENDIX T. 2005 HSTS SD/LEP FILE

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes	Unweighted Frequency	Percent
0130011 - 6130011		3,019	100.0
		3,019	100.0%

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 8-17
Format : C10
Comment :

Response	Codes	Unweighted Frequency	Percent
1010807621 - 2580910314		3,019	100.0
		3,019	100.0%

Variable Name : SUBJECT NAEP Subject
Record Number : 1
Position : 18-18
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Mathematics	1	702	23.3
Science	2	1,007	33.4
None	9	1,310	43.4
		3,019	100.0%

Variable Name : SEX Student Gender
Record Number : 1
Position : 19-19
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Male	1	1,795	59.5
Female	2	1,224	40.5
None	9	0	0.0
		3,019	100.0%

Variable Name : RACE Student Race/Ethnicity
Record Number : 1
Position : 20-20
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Non-Hispanic White	1	1,303	43.2
Non-Hispanic Black	2	572	18.9
Hispanic	3	897	29.7
Asian/Pacific Islander	4	192	6.4
Native American	5	38	1.3
Other	6	17	0.6
Missing	9	0	0.0
		3,019	100.0%

Variable Name : BIRTHMO Student's Month of Birth
Record Number : 1
Position : 21-22
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
January	01	247	8.2
February	02	248	8.2
March	03	240	7.9
April	04	225	7.5
May	05	236	7.8
June	06	300	9.9
July	07	289	9.6
August	08	261	8.6
September	09	254	8.4
October	10	240	7.9
November	11	233	7.7
December	12	246	8.1
Missing	99	0	0.0
		3,019	100.0%

Variable Name : BIRTHYR Student's Year of Birth
Record Number : 1
Position : 23-26
Format : C4
Comment :

Response	Codes	Unweighted Frequency	Percent
1983	1983	39	1.3
1984	1984	105	3.5
1985	1985	298	9.9
1986	1986	1,220	40.4
1987	1987	1,319	43.7
1988	1988	37	1.2
1989	1989	1	0.0
Missing	9999	0	0.0
		3,019	100.0%

Variable Name : SDFLG Student Disability Flag
Record Number : 1
Position : 27-27
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Has a student disability	1	2,244	74.3
Does not have a student disability	2	774	25.6
Omitted	8	1	0.0
		3,019	100.0%

Variable Name : LEPFLG Student Limited English Proficiency Flag
Record Number : 1
Position : 28-28
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Has a limited English proficiency	1	919	30.4
Does not have a limited English proficiency	2	2,083	69.0
Formerly limited English proficient	3	6	0.2
Omitted	8	11	0.4
		3,019	100.0%

Variable Name : SDQPA Relationship to student-Classroom GE teacher
Record Number : 1
Position : 29-29
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	97	3.2
Omitted	8	2,922	96.8
		3,019	100.0%

Variable Name : SDQPB Relationship to student-Special Ed teacher
Record Number : 1
Position : 30-30
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	1,424	47.2
Omitted	8	1,595	52.8
		3,019	100.0%

Variable Name : SDQPC Relationship to student-Related serv provided
Record Number : 1
Position : 31-31
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	21	0.7
Omitted	8	2,998	99.3
		3,019	100.0%

Variable Name : SDQPD Relationship to student-Guidance/schl counselor
Record Number : 1
Position : 32-32
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	133	4.4
Omitted	8	2,886	95.6
		3,019	100.0%

Variable Name : SDQPE Relationship to student-Principal/Asst Principal
Record Number : 1
Position : 33-33
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	35	1.2
Omitted	8	2,984	98.8
		3,019	100.0%

Variable Name : SDQPF Relationship to student-Other
Record Number : 1
Position : 34-34
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	243	8.0
Omitted	8	2,776	92.0
		3,019	100.0%

Why is this student classified as SD?

Variable Name : SDQ1 Why is this student classified as SD?
 Record Number : 1
 Position : 35-35
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Student has disability and IEP	1	1,853	61.4
Student has Section 504 plan	2	71	2.4
Student has disability, but IEP/Section 504 unclear	3	26	0.9
Omitted	8	1,069	35.4
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Specific learning disability

Variable Name : SDQ2A Student's identified disab-Specific learning
 Record Number : 1
 Position : 36-36
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	1,242	41.1
Omitted	8	1,777	58.9
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Hearing impairment/deafness

Variable Name : SDQ2B Student's identified disab-Hearing impairment
 Record Number : 1
 Position : 37-37
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	38	1.3
Omitted	8	2,981	98.7
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Visual impairment/blindness

Variable Name : SDQ2C Student's identified disab-Visual impairment
Record Number : 1
Position : 38-38
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	20	0.7
Omitted	8	2,999	99.3
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Speech or language impairment

Variable Name : SDQ2D Student's identified disab-Speech impairment
Record Number : 1
Position : 39-39
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	134	4.4
Omitted	8	2,885	95.6
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Mental retardation

Variable Name : SDQ2E Student's identified disab-Mental retardation
Record Number : 1
Position : 40-40
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	335	11.1
Omitted	8	2,684	88.9
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Emotional handicap/disturbance

Variable Name : SDQ2F Student's identified disab-Emotional disturbance
Record Number : 1
Position : 41-41
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	160	5.3
Omitted	8	2,859	94.7
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Orthopedic impairment

Variable Name : SDQ2G Student's identified disab-Orthopedic impairment
 Record Number : 1
 Position : 42-42
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	39	1.3
Omitted	8	2,980	98.7
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Traumatic brain injury

Variable Name : SDQ2H Student's identified disab-Brain injury
 Record Number : 1
 Position : 43-43
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	8	0.3
Omitted	8	3,011	99.7
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Autism

Variable Name : SDQ2I Student's identified disab-Autism
 Record Number : 1
 Position : 44-44
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	38	1.3
Omitted	8	2,981	98.7
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Developmental delay (age 9 or younger)

Variable Name : SDQ2J Student's identified disab-Developmental delay
 Record Number : 1
 Position : 45-45
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	22	0.7
Omitted	8	2,997	99.3
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Other health impairments

Variable Name : SDQ2K Student's identified disab-Other health
Record Number : 1
Position : 46-46
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	150	5.0
Omitted	8	2,869	95.0
		3,019	100.0%

Which of the following describes this student's identified disability(ies)?-Other (specify)

Variable Name : SDQ2L Student's identified disab-Other
Record Number : 1
Position : 47-47
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	101	3.3
Omitted	8	2,918	96.7
		3,019	100.0%

In your judgment, what is the degree of this student's disability(ies)?

Variable Name : SDQ3 Degree of student's disability
Record Number : 1
Position : 48-48
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	1	0.0
Profound/Severe	1	188	6.2
Moderate	2	767	25.4
Mild	3	998	33.1
Omitted	8	1,065	35.3
		3,019	100.0%

At a minimum, do this student's longterm mathematics objectives include the ability to perform basic mathematics calculations without the use of a calculator?

Variable Name : SDQ4 Mathematics objectives, basic math, no calculator
Record Number : 1
Position : 49-49
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	1,121	37.1
No	2	667	22.1
I don't know	3	172	5.7
Omitted	8	1,059	35.1
		3,019	100.0%

At a minimum, do this student's longterm reading objectives include the ability to decode simple printed material?

Variable Name : SDQ5 Reading objectives, decode printed material
Record Number : 1
Position : 50-50
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes	1	1,522	50.4
No	2	349	11.6
I don't know	3	91	3.0
Omitted	8	1,057	35.0
		3,019	100.0%

What proportion of his or her academic class time (in subjects such as mathematics, reading/language arts, science, and social studies) does this student spend in the mainstream/general education classroom(s)?

Variable Name : SDQ6 Class time spent in mainstream/general education
Record Number : 1
Position : 51-51
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	1	0.0
None	1	398	13.2
Half or less	2	432	14.3
More than half, but not all	3	514	17.0
All	4	577	19.1
I don't know	5	45	1.5
Omitted	8	1,052	34.8
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-This student does not currently receive special education services.

Variable Name : SDQ7A Receiving special ed services: Does not receive
 Record Number : 1
 Position : 52-52
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	158	5.2
Omitted	8	2,861	94.8
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Language development

Variable Name : SDQ7B Receiving special ed services: Lang Development
 Record Number : 1
 Position : 53-53
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	612	20.3
Omitted	8	2,407	79.7
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Reading

Variable Name : SDQ7C Receiving special ed services: Reading
 Record Number : 1
 Position : 54-54
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	943	31.2
Omitted	8	2,076	68.8
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Mathematics

Variable Name : SDQ7D Receiving special ed services: Mathematics
 Record Number : 1
 Position : 55-55
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	787	26.1
Omitted	8	2,232	73.9
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Science

Variable Name : SDQ7E Receiving special ed services: Science
 Record Number : 1
 Position : 56-56
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	375	12.4
Omitted	8	2,644	87.6
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Social Studies

Variable Name : SDQ7F Receiving special ed services: Social Studies
 Record Number : 1
 Position : 57-57
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	538	17.8
Omitted	8	2,481	82.2
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Speech

Variable Name : SDQ7G Receiving special ed services: Speech
 Record Number : 1
 Position : 58-58
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	130	4.3
Omitted	8	2,889	95.7
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Self-control and/or department

Variable Name : SDQ7H Receiving special ed services: Self-control
 Record Number : 1
 Position : 59-59
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	177	5.9
Omitted	8	2,842	94.1
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Personal care and/or basic life skills

Variable Name : SDQ7I Receiving special ed services: Personal care
 Record Number : 1
 Position : 60-60
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	217	7.2
Omitted	8	2,802	92.8
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Vocational education

Variable Name : SDQ7J Receiving special ed services: Vocational ed
 Record Number : 1
 Position : 61-61
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	441	14.6
Omitted	8	2,578	85.4
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-Other

Variable Name : SDQ7K Receiving special ed services: Other
 Record Number : 1
 Position : 62-62
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	527	17.5
Omitted	8	2,492	82.5
		3,019	100.0%

In which area(s) is this student currently receiving special education services?-I don't know

Variable Name : SDQ7L Receiving special ed services: I don't know
 Record Number : 1
 Position : 63-63
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	68	2.3
Omitted	8	2,951	97.7
		3,019	100.0%

In which subject is this student is being assessed by NAEP?

Variable Name : SDQ8 Subject in which this student is assessed by NAEP
Record Number : 1
Position : 64-64
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	36	1.2
Civics	1	2	0.1
Economics	2	16	0.5
Mathematics	3	795	26.3
Reading	4	26	0.9
Science	5	1,069	35.4
U.S. History	6	0	0.0
Omitted	8	1,075	35.6
		3,019	100.0%

What grade level of instruction is this student currently receiving in the NAEP assessment subject?

Variable Name : SDQ9 Grade level of instructions student is receiving
Record Number : 1
Position : 65-65
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	8	0.3
Not receiving instruction in this subject	1	705	23.4
At or above grade level	2	489	16.2
One year below grade level	3	124	4.1
Two or more years below grade level	4	516	17.1
I don't know	5	115	3.8
Omitted	8	1,062	35.2
		3,019	100.0%

Is this student participating in the same curriculum content as nondisabled students in the NAEP assessment subject?

Variable Name : SDQ10 Participating in same curriculum as nondisabled
Record Number : 1
Position : 66-66
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	2	0.1
Not receiving instruction in this subject	1	748	24.8
Same curriculum content	2	789	26.1
Different curriculum content	3	342	11.3
I don't know	4	76	2.5
Omitted	8	1,062	35.2
		3,019	100.0%

According to the student's IEP or 504 plan, how does this student participate in the state academic assessment in the NAEP assessment subject? If your state does not have an assessment in the NAEP subject, indicate how this student participates in your state's reading/language arts assessment.

Variable Name : SDQ11 From IEP/504 plan, how student participates
 Record Number : 1
 Position : 67-67
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	29	1.0
Student's plan is still in process	1	25	0.8
Regular assessment without accommodations	2	268	8.9
Regular assessment with accommodations	3	1,066	35.3
Regular assessment using non-state-allowed accoms	4	40	1.3
Out-of-level (off-grade) assessment	5	88	2.9
Alternate assessment for signif. cognitive disabled studs	6	275	9.1
Other	7	138	4.6
Omitted	8	1,090	36.1
		3,019	100.0%

Presentation Accommodations-No presentation accommodations

Variable Name : SDQ12A Presentation accom: No presentation accommodation
 Record Number : 1
 Position : 68-68
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	705	23.4
Omitted	8	2,314	76.6
		3,019	100.0%

Presentation Accommodations-Directions read aloud to student or presented by audiotape

Variable Name : SDQ12B Presentation accom: Directions read aloud
 Record Number : 1
 Position : 69-69
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	662	21.9
Omitted	8	2,357	78.1
		3,019	100.0%

Presentation Accommodations-Directions signed

Variable Name : SDQ12C Presentation accom: Directions signed
Record Number : 1
Position : 70-70
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	21	0.7
Omitted	8	2,998	99.3
		3,019	100.0%

Presentation Accommodations-Directions repeated

Variable Name : SDQ12D Presentation accom: Directions repeated
Record Number : 1
Position : 71-71
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	450	14.9
Omitted	8	2,569	85.1
		3,019	100.0%

Presentation Accommodations-Assistance with interpretation of directions given

Variable Name : SDQ12E Presentation accom: Assistance with interpretation
Record Number : 1
Position : 72-72
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	339	11.2
Omitted	8	2,680	88.8
		3,019	100.0%

Presentation Accommodations-Passages, other test stimuli, or test questions read aloud or presented by audiotape

Variable Name : SDQ12F Presentation accom: Passages/test quest read aloud
Record Number : 1
Position : 73-73
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	341	11.3
Omitted	8	2,678	88.7
		3,019	100.0%

Presentation Accommodations-Braille edition of test

Variable Name : SDQ12G Presentation accom: Braille edition of test
 Record Number : 1
 Position : 74-74
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	0	0.0
Omitted	8	3,019	100.0
		3,019	100.0%

Presentation Accommodations-Large-print edition of test

Variable Name : SDQ12H Presentation accom: Large-print edition of test
 Record Number : 1
 Position : 75-75
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	14	0.5
Omitted	8	3,005	99.5
		3,019	100.0%

Presentation Accommodations-Magnifying equipment provided

Variable Name : SDQ12I Presentation accom: Magnifying equipment provided
 Record Number : 1
 Position : 76-76
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	3	0.1
Omitted	8	3,016	99.9
		3,019	100.0%

Presentation Accommodations-Test administered by person familiar to the student

Variable Name : SDQ12J Presentation accom: By person familiar to student
 Record Number : 1
 Position : 77-77
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	331	11.0
Omitted	8	2,688	89.0
		3,019	100.0%

Presentation Accommodations-Other

Variable Name : SDQ12K Presentation accom: Other
 Record Number : 1
 Position : 78-78
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	323	10.7
Omitted	8	2,696	89.3
		3,019	100.0%

Response Accommodations-No response accommodations

Variable Name : SDQ13A Response accom: No response accommodations
 Record Number : 1
 Position : 79-79
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	1,152	38.2
Omitted	8	1,867	61.8
		3,019	100.0%

Response Accommodations-Responds in Braille

Variable Name : SDQ13B Response accom: Responds in Braille
 Record Number : 1
 Position : 80-80
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	0	0.0
Omitted	8	3,019	100.0
		3,019	100.0%

Response Accommodations-Responds in sign language

Variable Name : SDQ13C Response accom: Responds in sign language
 Record Number : 1
 Position : 81-81
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	11	0.4
Omitted	8	3,008	99.6
		3,019	100.0%

Response Accommodations-Points to answers

Variable Name : SDQ13D Response accom: Points to answers
Record Number : 1
Position : 82-82
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	49	1.6
Omitted	8	2,970	98.4
		3,019	100.0%

Response Accommodations-Responds orally

Variable Name : SDQ13E Response accom: Responds orally
Record Number : 1
Position : 83-83
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	117	3.9
Omitted	8	2,902	96.1
		3,019	100.0%

Response Accommodations-Tape records answers

Variable Name : SDQ13F Response accom: Tape records answers
Record Number : 1
Position : 84-84
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	1	0.0
Omitted	8	3,018	100.0
		3,019	100.0%

Response Accommodations-Uses computer to respond

Variable Name : SDQ13G Response accom: Uses computer to respond
Record Number : 1
Position : 85-85
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	54	1.8
Omitted	8	2,965	98.2
		3,019	100.0%

Response Accommodations-Uses typewriter to respond

Variable Name : SDQ13H Response accom: Uses typewriter to respond
Record Number : 1
Position : 86-86
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	3	0.1
Omitted	8	3,016	99.9
		3,019	100.0%

Response Accommodations-Uses a template to respond

Variable Name : SDQ13I Response accom: Uses a template to respond
Record Number : 1
Position : 87-87
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	18	0.6
Omitted	8	3,001	99.4
		3,019	100.0%

Response Accommodations-Uses a large marking pen or specially designed writing tool

Variable Name : SDQ13J Response accom: Uses a large marking pen
Record Number : 1
Position : 88-88
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	4	0.1
Omitted	8	3,015	99.9
		3,019	100.0%

Response Accommodations-Writes directly in test booklet

Variable Name : SDQ13K Response accom: Writes in test booklet
Record Number : 1
Position : 89-89
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	214	7.1
Omitted	8	2,805	92.9
		3,019	100.0%

Response Accommodations-Uses a calculator, including talking or Braille calculators, for computation tasks

Variable Name : SDQ13L Response accom: Uses a calculator
 Record Number : 1
 Position : 90-90
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	322	10.7
Omitted	8	2,697	89.3
		3,019	100.0%

Response Accommodations-Other

Variable Name : SDQ13M Response accom: Other
 Record Number : 1
 Position : 91-91
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	242	8.0
Omitted	8	2,777	92.0
		3,019	100.0%

Setting Accommodations-No setting accommodations

Variable Name : SDQ14A Setting accom: No setting accommodations
 Record Number : 1
 Position : 92-92
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	596	19.7
Omitted	8	2,423	80.3
		3,019	100.0%

Setting Accommodations-Tested in small group

Variable Name : SDQ14B Setting accom: Tested in small group
 Record Number : 1
 Position : 93-93
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	931	30.8
Omitted	8	2,088	69.2
		3,019	100.0%

Setting Accommodations-Tested individually

Variable Name : SDQ14C Setting accom: Tested individually
Record Number : 1
Position : 94-94
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	189	6.3
Omitted	8	2,830	93.7
		3,019	100.0%

Setting Accommodations-Tested in separate room

Variable Name : SDQ14D Setting accom: Tested in separate room
Record Number : 1
Position : 95-95
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	309	10.2
Omitted	8	2,710	89.8
		3,019	100.0%

Setting Accommodations-Receives preferential seating

Variable Name : SDQ14E Setting accom: Preferential seating
Record Number : 1
Position : 96-96
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	131	4.3
Omitted	8	2,888	95.7
		3,019	100.0%

Setting Accommodations-Special lighting provided

Variable Name : SDQ14F Setting accom: Special lighting provided
Record Number : 1
Position : 97-97
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	7	0.2
Omitted	8	3,012	99.8
		3,019	100.0%

Setting Accommodations-Special furniture provided

Variable Name : SDQ14G Setting accom: Special furniture provided
Record Number : 1
Position : 98-98
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	5	0.2
Omitted	8	3,014	99.8
		3,019	100.0%

Setting Accommodations-Other

Variable Name : SDQ14H Setting accom: Other
Record Number : 1
Position : 99-99
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	185	6.1
Omitted	8	2,834	93.9
		3,019	100.0%

Timing Accommodations-No timing accommodations

Variable Name : SDQ15A Timing accom: No timing accommodations
Record Number : 1
Position : 100-100
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	413	13.7
Omitted	8	2,606	86.3
		3,019	100.0%

Timing Accommodations-Receives extended time

Variable Name : SDQ15B Timing accom: Receives extended time
Record Number : 1
Position : 101-101
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	1,299	43.0
Omitted	8	1,720	57.0
		3,019	100.0%

Timing Accommodations-Receives breaks during test

Variable Name : SDQ15C Timing accom: Receives breaks during test
Record Number : 1
Position : 102-102
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	299	9.9
Omitted	8	2,720	90.1
		3,019	100.0%

Timing Accommodations-Tested over several days

Variable Name : SDQ15D Timing accom: Tested over several days
Record Number : 1
Position : 103-103
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	183	6.1
Omitted	8	2,836	93.9
		3,019	100.0%

Timing Accommodations-Other

Variable Name : SDQ15E Timing accom: Other
Record Number : 1
Position : 104-104
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	168	5.6
Omitted	8	2,851	94.4
		3,019	100.0%

In your judgment, can this student participate in NAEP in the assessment subject?

Variable Name : SDQ16 Can student participate in this NAEP subject
Record Number : 1
Position : 105-105
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	15	0.5
Yes, without accommodations	1	297	9.8
Yes, with accommodations permitted in NAEP	2	921	30.5
No, student is significantly cognitively disabled	3	209	6.9
No, student assessed out-of-level/alternate assessment	4	247	8.2
No, student requires accoms not permitted in NAEP	5	227	7.5
Omitted	8	1,103	36.5
		3,019	100.0%

Variable Name : LEPQPA Relationship to student-Classroom GE Teacher
Record Number : 1
Position : 106-106
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	95	3.1
Omitted	8	2,924	96.9
		3,019	100.0%

Variable Name : LEPQPB Relationship to student-Bil.Ed/ESL Class Tch
Record Number : 1
Position : 107-107
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	1,392	46.1
Omitted	8	1,627	53.9
		3,019	100.0%

Variable Name : LEPQPC Relationship to student-Bil.Ed/ESL Pullout
Record Number : 1
Position : 108-108
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	21	0.7
Omitted	8	2,998	99.3
		3,019	100.0%

Variable Name : LEPQPD Relationship to student-Guidance/Sch Couns
Record Number : 1
Position : 109-109
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	129	4.3
Omitted	8	2,890	95.7
		3,019	100.0%

Variable Name : LEPQPE Relationship to student-Princ/Assist Princip
Record Number : 1
Position : 110-110
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	25	0.8
Omitted	8	2,994	99.2
		3,019	100.0%

Variable Name : LEPQPF Relationship to student-Other
Record Number : 1
Position : 111-111
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	251	8.3
Omitted	8	2,768	91.7
		3,019	100.0%

What is this student's first or native language?

Variable Name : LEPQ1 Student's first or native language
Record Number : 1
Position : 112-112
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Spanish	1	512	17.0
Other language	2	238	7.9
Omitted	8	2,269	75.2
		3,019	100.0%

How would you characterize this student's English proficiency?-Listening comprehension in English

Variable Name : LEPQ2 Student's English proficiency: Listen comp Engl
Record Number : 1
Position : 113-113
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Good (LEP Advanced)	1	435	14.4
Fair (LEP Intermediate)	2	271	9.0
Poor (LEP Beginning)	3	62	2.1
No proficiency	4	8	0.3
I don't know	5	12	0.4
Omitted	8	2,231	73.9
		3,019	100.0%

How would you characterize this student's English proficiency?-Speaking English

Variable Name : LEPQ3 Student's English proficiency: Speaking English
Record Number : 1
Position : 114-114
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Good (LEP Advanced)	1	409	13.5
Fair (LEP Intermediate)	2	281	9.3
Poor (LEP Beginning)	3	73	2.4
No proficiency	4	11	0.4
I don't know	5	11	0.4
Omitted	8	2,234	74.0
		3,019	100.0%

How would you characterize this student's English proficiency?-Reading English

Variable Name : LEPQ4 Student's English proficiency: Reading English
Record Number : 1
Position : 115-115
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	1	0.0
Good (LEP Advanced)	1	344	11.4
Fair (LEP Intermediate)	2	314	10.4
Poor (LEP Beginning)	3	81	2.7
No proficiency	4	17	0.6
I don't know	5	26	0.9
Omitted	8	2,236	74.1
		3,019	100.0%

How would you characterize this student's English proficiency?-Writing English

Variable Name : LEPQ5 Student's English proficiency: Writing English
Record Number : 1
Position : 116-116
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Good (LEP Advanced)	1	296	9.8
Fair (LEP Intermediate)	2	334	11.1
Poor (LEP Beginning)	3	99	3.3
No proficiency	4	19	0.6
I don't know	5	33	1.1
Omitted	8	2,238	74.1
		3,019	100.0%

Including the current school year, how long has this student been receiving academic instruction primarily in English?

Variable Name : LEPQ6 How long has student been receiving instruc in Eng
Record Number : 1
Position : 117-117
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Does not receive academic instruction primarily in English	1	21	0.7
Less than 1 year	2	35	1.2
1 to 2 years	3	91	3.0
2 to 3 years	4	101	3.3
3 years or more	5	404	13.4
I don't know	6	132	4.4
Omitted	8	2,235	74.0
		3,019	100.0%

In which subject is this student is being assessed by NAEP?

Variable Name : LEPQ7 Subject in which student is assessed by NAEP
Record Number : 1
Position : 118-118
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	20	0.7
Civics	1	6	0.2
Economics	2	0	0.0
Mathematics	3	317	10.5
Reading	4	22	0.7
Science	5	416	13.8
U.S. History	6	0	0.0
Omitted	8	2,238	74.1
		3,019	100.0%

What grade level of instruction is this student currently receiving in the NAEP assessment subject?

Variable Name : LEPQ8 Grade level of instructions student is receiving
Record Number : 1
Position : 119-119
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Not receiving instruction in this subject	1	180	6.0
At or above grade level	2	362	12.0
One year below grade level	3	48	1.6
Two or more years below grade level	4	69	2.3
I don't know	5	129	4.3
Omitted	8	2,231	73.9
		3,019	100.0%

Is this student participating in the same curriculum content in the English language as English-speaking students in the NAEP assessment subject?

Variable Name : LEPQ9 Is student participating in the English language
Record Number : 1
Position : 120-120
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Not receiving instruction in English in this subject	1	106	3.5
Same curriculum content	2	573	19.0
Different curriculum content	3	31	1.0
I don't know	4	80	2.6
Omitted	8	2,229	73.8
		3,019	100.0%

During this school year, what type of instruction for limited-English-proficient students has this student received in the NAEP assessment subject?

Variable Name : LEPQ10 Instruction limited-English-proficient received
Record Number : 1
Position : 121-121
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	1	0.0
No specially designed instruction	1	475	15.7
Specially designed instruction in English	2	172	5.7
Native-language instruction	3	11	0.4
I don't know	4	123	4.1
Omitted	8	2,237	74.1
		3,019	100.0%

How does this student participate in the regular state academic assessment in the NAEP assessment subject? If your state does not have an assessment in the NAEP subject, indicate how this student participates in your state's reading/language arts assessment.

Variable Name : LEPQ11 Student participate in regular state acad assess
 Record Number : 1
 Position : 122-122
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	2	0.1
Does not participate in regular state assessment	1	53	1.8
Regular assessment without accommodations	2	435	14.4
Regular assessment with direct/indirect linguistic support	3	152	5.0
Other	4	36	1.2
I don't know	5	110	3.6
Omitted	8	2,231	73.9
		3,019	100.0%

Direct linguistic support accommodations in native language or English-No direct linguistic support accommodations

Variable Name : LEPQ12A Linguistic support accom: No linguistic support
 Record Number : 1
 Position : 123-123
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	492	16.3
Omitted	8	2,527	83.7
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Native-language version of test

Variable Name : LEPQ12B Linguistic support accom: Native-language vers test
 Record Number : 1
 Position : 124-124
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	9	0.3
Omitted	8	3,010	99.7
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Bilingual version of test

Variable Name : LEPQ12C Linguistic support accom: Bilingual version of test
Record Number : 1
Position : 125-125
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	17	0.6
Omitted	8	3,002	99.4
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Bilingual word lists or glossaries

Variable Name : LEPQ12D Linguistic support accom: Bilingual word lists
Record Number : 1
Position : 126-126
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	32	1.1
Omitted	8	2,987	98.9
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Bilingual dictionary without definitions

Variable Name : LEPQ12E Linguistic support accom: Bilingual dictionary
Record Number : 1
Position : 127-127
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	86	2.8
Omitted	8	2,933	97.2
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Directions translated aloud into native language or presented by audiotape

Variable Name : LEPQ12F Linguistic support accom: Directions translated
Record Number : 1
Position : 128-128
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	46	1.5
Omitted	8	2,973	98.5
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Passages, other stimulus material, or test questions translated aloud into native language or presented by audiotape

Variable Name : LEPQ12G Linguistic support accom: Passages translated aloud
 Record Number : 1
 Position : 129-129
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	13	0.4
Omitted	8	3,006	99.6
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Student's oral or written responses translated into written English

Variable Name : LEPQ12H Linguistic support accom: Resp translate to English
 Record Number : 1
 Position : 130-130
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	12	0.4
Omitted	8	3,007	99.6
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Directions read aloud in English or presented by audiotape

Variable Name : LEPQ12I Linguistic support accom: Direction read in English
 Record Number : 1
 Position : 131-131
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	95	3.1
Omitted	8	2,924	96.9
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Passages, other stimulus materials, or test questions read aloud in English or presented by audiotape

Variable Name : LEPQ12J Linguistic support accom: Passages read in English
 Record Number : 1
 Position : 132-132
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	48	1.6
Omitted	8	2,971	98.4
		3,019	100.0%

Direct linguistic support accommodations in native language or English-Other

Variable Name : LEPQ12K Linguistic support accom: Other
 Record Number : 1
 Position : 133-133
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	53	1.8
Omitted	8	2,966	98.2
		3,019	100.0%

Indirect linguistic support accommodations-No indirect linguistic support accommodations

Variable Name : LEPQ13A Indirect linguistic accom: No indirect support
 Record Number : 1
 Position : 134-134
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	466	15.4
Omitted	8	2,553	84.6
		3,019	100.0%

Indirect linguistic support accommodations-Tested in small group

Variable Name : LEPQ13B Indirect linguistic accom: Tested in small group
 Record Number : 1
 Position : 135-135
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	142	4.7
Omitted	8	2,877	95.3
		3,019	100.0%

Indirect linguistic support accommodations-Tested individually

Variable Name : LEPQ13C Indirect linguistic accom: Tested individually
 Record Number : 1
 Position : 136-136
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	37	1.2
Omitted	8	2,982	98.8
		3,019	100.0%

Indirect linguistic support accommodations-Receives extended time

Variable Name : LEPQ13D Indirect linguistic accom: Receives extended time
 Record Number : 1
 Position : 137-137
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	186	6.2
Omitted	8	2,833	93.8
		3,019	100.0%

Indirect linguistic support accommodations-Receives preferential seating

Variable Name : LEPQ13E Indirect linguistic accom: Receives pref seating
 Record Number : 1
 Position : 138-138
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	36	1.2
Omitted	8	2,983	98.8
		3,019	100.0%

Indirect linguistic support accommodations-Other

Variable Name : LEPQ13F Indirect linguistic accom: Other
 Record Number : 1
 Position : 139-139
 Format : C1
 Comment :

Response	Codes	Unweighted Frequency	Percent
Yes	1	45	1.5
Omitted	8	2,974	98.5
		3,019	100.0%

In your judgment, can this student participate in NAEP in the assessment subject?

Variable Name : LEPQ14 Can this student participate in this NAEP subject
Record Number : 1
Position : 140-140
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Multiple responses	0	0	0.0
Yes, without accommodations	1	441	14.6
Yes, with accommodations permitted in NAEP	2	228	7.6
No, student requires accoms not permitted in NAEP	3	85	2.8
Omitted	8	2,265	75.0
		3,019	100.0%

Appendix U

2005 High School Transcript Study Codebook
for Student File

2005 HSTS Student File

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes	Unweighted Frequency	Percent
0130011 - 6130011		29,868	100.0
		29,868	100.0%

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 8-17
Format : C10
Comment :

Response	Codes	Unweighted Frequency	Percent
1010807613-9900002789		29,868	100.0
		29,868	100.0%

Variable Name : EXITSTS Student Exit Status
Record Number : 1
Position : 18-19
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Standard Diploma	01	24,897	83.4
Honors Diploma	02	1,722	5.8
Special Education Diploma	03	256	0.9
Certificate of Attendance/Completion	04	275	0.9
Still Enrolled	05	990	3.3
Dropped Out	06	298	1.0
Transferred	07	172	0.6
Withdrawn	08	567	1.9
GED	09	11	0.0
Other or Unknown	10	498	1.7
Pending completion	11	3	0.0
Incomplete transcripts	12	123	0.4
Alternative format transcript	13	0	0.0
Graduated but no transcripts	14	36	0.1
Out of scope	15	20	0.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : RACE Student Race/Ethnicity
Record Number : 1
Position : 20-20
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
White, not Hispanic	1	18,000	60.3
Black, not Hispanic	2	5,305	17.8
Hispanic	3	4,693	15.7
Asian/Pacific Islander	4	1,370	4.6
American Indian/Alaskan Native	5	270	0.9
Other	6	188	0.6
Missing	9	42	0.1
		29,868	100.0%

Variable Name : GRADE Student Grade Level in 2004-2005
Record Number : 1
Position : 21-22
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Grade 12	12	29,868	100.0
		29,868	100.0%

Variable Name : SEX Student Gender
Record Number : 1
Position : 23-23
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Male	1	14,702	49.2
Female	2	15,150	50.7
Missing	9	16	0.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : MOB Student Month of Birth
Record Number : 1
Position : 24-25
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
January	01	2,370	7.9
February	02	2,281	7.6
March	03	2,502	8.4
April	04	2,360	7.9
May	05	2,453	8.2
June	06	2,550	8.5
July	07	2,639	8.8
August	08	2,670	8.9
September	09	2,628	8.8
October	10	2,517	8.4
November	11	2,382	8.0
December	12	2,499	8.4
Missing	99	17	0.1
		29,868	100.0%

Variable Name : YOB Student Year of Birth
Record Number : 1
Position : 26-29
Format : C4
Comment :

Response	Codes	Unweighted Frequency	Percent
1983	1983	55	0.2
1984	1984	182	0.6
1985	1985	945	3.2
1986	1986	10,356	34.7
1987	1987	17,991	60.2
1988	1988	311	1.0
1989	1989	11	0.0
Missing	9999	17	0.1
		29,868	100.0%

Variable Name : SDSTATUS Student Disability Status
Record Number : 1
Position : 30-30
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Has a disability	1	2,986	10.0
Does not have a disability	2	26,443	88.5
Missing	9	439	1.5
		29,868	100.0%

2005 HSTS Student File

Variable Name : HCTYPE Student Disabling Condition
Record Number : 1
Position : 31-32
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Multidisabled	00	244	0.8
Learning disabled	01	1,105	3.7
Hearing impaired	02	20	0.1
Visual impaired	03	2	0.0
Speech impaired	04	30	0.1
Mental retardation	05	230	0.8
Emotional disturbed	06	110	0.4
Orthopedic impaired	07	11	0.0
Traumatic brain injury	08	6	0.0
Autism	09	20	0.1
Developmental delay	10	2	0.0
Other health impaired	11	95	0.3
Other	12	72	0.2
Not Reported	88	27,921	93.5
		29,868	100.0%

Variable Name : LEP Student Limited English Proficiency Status
Record Number : 1
Position : 33-33
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Has limited English proficiency	1	1,294	4.3
Does not have limited English proficiency	2	27,845	93.2
Formerly limited English proficient	3	248	0.8
Missing	9	481	1.6
		29,868	100.0%

Variable Name : MOG Student Month of Graduation
Record Number : 1
Position : 34-35
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
January	01	89	0.3
February	02	20	0.1
March	03	38	0.1
April	04	24	0.1
May	05	12,272	41.1
June	06	14,239	47.7
July	07	25	0.1
August	08	152	0.5
September	09	4	0.0
October	10	2	0.0
November	11	6	0.0
December	12	8	0.0
Missing	99	2,989	10.0
		29,868	100.0%

2005 HSTS Student File

Variable Name : YOG Student Year of Graduation
Record Number : 1
Position : 36-39
Format : C4
Comment :

Response	Codes	Unweighted Frequency	Percent
2004	2004	13	0.0
2005	2005	27,323	91.5
Missing	9999	2,532	8.5
		29,868	100.0%

Variable Name : CENSREG Census Region (Same as NAEP Region)
Record Number : 1
Position : 40-40
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Northeast	1	3,927	13.1
Midwest	2	5,909	19.8
South	3	12,549	42.0
West	4	7,483	25.1
		29,868	100.0%

Variable Name : PUBPRIV Public/Nonpublic School
Record Number : 1
Position : 41-41
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Public	1	27,431	91.8
Private	2	2,437	8.2
		29,868	100.0%

Variable Name : NSLP National School Lunch Program Status
Record Number : 1
Position : 42-42
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Student not eligible	1	18,849	63.1
Free lunch	2	6,533	21.9
Reduced price lunch	3	1,282	4.3
School not participating	4	1,780	6.0
School refused	5	50	0.2
Unknown	9	1,374	4.6
		29,868	100.0%

2005 HSTS Student File

Variable Name : TITLEI Title 1 Funding Status
Record Number : 1
Position : 43-43
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Receives Title I services	1	5,267	17.6
Does not receive Title I services	2	24,028	80.4
Unknown	9	573	1.9
		29,868	100.0%

Variable Name : FINSTUWT Final Usable Transcript Student Weight
Record Number : 1
Position : 44-56
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT1 Jackknife Replication Weight 1
Record Number : 1
Position : 57-69
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT2 Jackknife Replication Weight 2
Record Number : 1
Position : 70-82
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

2005 HSTS Student File

Variable Name : REPWT3 Jackknife Replication Weight 3
Record Number : 1
Position : 83-95
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT4 Jackknife Replication Weight 4
Record Number : 1
Position : 96-108
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT5 Jackknife Replication Weight 5
Record Number : 1
Position : 109-121
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT6 Jackknife Replication Weight 6
Record Number : 1
Position : 122-134
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT7 Jackknife Replication Weight 7
Record Number : 1
Position : 135-147
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT8 Jackknife Replication Weight 8
Record Number : 1
Position : 148-160
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT9 Jackknife Replication Weight 9
Record Number : 1
Position : 161-173
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT10 Jackknife Replication Weight 10
Record Number : 1
Position : 174-186
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

2005 HSTS Student File

Variable Name : REPWT11 Jackknife Replication Weight 11
Record Number : 1
Position : 187-199
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT12 Jackknife Replication Weight 12
Record Number : 1
Position : 200-212
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT13 Jackknife Replication Weight 13
Record Number : 1
Position : 213-225
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT14 Jackknife Replication Weight 14
Record Number : 1
Position : 226-238
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT15 Jackknife Replication Weight 15
Record Number : 1
Position : 239-251
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT16 Jackknife Replication Weight 16
Record Number : 1
Position : 252-264
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT17 Jackknife Replication Weight 17
Record Number : 1
Position : 265-277
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 467.37	0 - 467.37	29,868	100.0
		29,868	100.0%

Variable Name : REPWT18 Jackknife Replication Weight 18
Record Number : 1
Position : 278-290
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 491.78	0 - 491.78	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT19 Jackknife Replication Weight 19
Record Number : 1
Position : 291-303
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT20 Jackknife Replication Weight 20
Record Number : 1
Position : 304-316
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT21 Jackknife Replication Weight 21
Record Number : 1
Position : 317-329
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT22 Jackknife Replication Weight 22
Record Number : 1
Position : 330-342
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT23 Jackknife Replication Weight 23
Record Number : 1
Position : 343-355
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT24 Jackknife Replication Weight 24
Record Number : 1
Position : 356-368
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT25 Jackknife Replication Weight 25
Record Number : 1
Position : 369-381
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT26 Jackknife Replication Weight 26
Record Number : 1
Position : 382-394
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 507.11	0 - 507.11	29,868	100.0
		29,868	100.0%

2005 HSTS Student File

Variable Name : REPWT27 Jackknife Replication Weight 27
Record Number : 1
Position : 395-407
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT28 Jackknife Replication Weight 28
Record Number : 1
Position : 408-420
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 381.66	0 - 381.66	29,868	100.0
		29,868	100.0%

Variable Name : REPWT29 Jackknife Replication Weight 29
Record Number : 1
Position : 421-433
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 448.94	0 - 448.94	29,868	100.0
		29,868	100.0%

Variable Name : REPWT30 Jackknife Replication Weight 30
Record Number : 1
Position : 434-446
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT31 Jackknife Replication Weight 31
Record Number : 1
Position : 447-459
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT32 Jackknife Replication Weight 32
Record Number : 1
Position : 460-472
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 467.94	0 - 467.94	29,868	100.0
		29,868	100.0%

Variable Name : REPWT33 Jackknife Replication Weight 33
Record Number : 1
Position : 473-485
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 431.76	0 - 431.76	29,868	100.0
		29,868	100.0%

Variable Name : REPWT34 Jackknife Replication Weight 34
Record Number : 1
Position : 486-498
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 465.43	0 - 465.43	29,868	100.0
		29,868	100.0%

2005 HSTS Student File

Variable Name : REPWT35 Jackknife Replication Weight 35
Record Number : 1
Position : 499-511
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT36 Jackknife Replication Weight 36
Record Number : 1
Position : 512-524
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT37 Jackknife Replication Weight 37
Record Number : 1
Position : 525-537
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT38 Jackknife Replication Weight 38
Record Number : 1
Position : 538-550
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 450.26	0 - 450.26	29,868	100.0
		29,868	100.0%

2005 HSTS Student File

Variable Name : REPWT39 Jackknife Replication Weight 39
Record Number : 1
Position : 551-563
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 487.33	0 - 487.33	29,868	100.0
		29,868	100.0%

Variable Name : REPWT40 Jackknife Replication Weight 40
Record Number : 1
Position : 564-576
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 487.33	0 - 487.33	29,868	100.0
		29,868	100.0%

Variable Name : REPWT41 Jackknife Replication Weight 41
Record Number : 1
Position : 577-589
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT42 Jackknife Replication Weight 42
Record Number : 1
Position : 590-602
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 523.54	0 - 523.54	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT43 Jackknife Replication Weight 43
Record Number : 1
Position : 603-615
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT44 Jackknife Replication Weight 44
Record Number : 1
Position : 616-628
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT45 Jackknife Replication Weight 45
Record Number : 1
Position : 629-641
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT46 Jackknife Replication Weight 46
Record Number : 1
Position : 642-654
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT47 Jackknife Replication Weight 47
Record Number : 1
Position : 655-667
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT48 Jackknife Replication Weight 48
Record Number : 1
Position : 668-680
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT49 Jackknife Replication Weight 49
Record Number : 1
Position : 681-693
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT50 Jackknife Replication Weight 50
Record Number : 1
Position : 694-706
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT51 Jackknife Replication Weight 51
Record Number : 1
Position : 707-719
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT52 Jackknife Replication Weight 52
Record Number : 1
Position : 720-732
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT53 Jackknife Replication Weight 53
Record Number : 1
Position : 733-745
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT54 Jackknife Replication Weight 54
Record Number : 1
Position : 746-758
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT55 Jackknife Replication Weight 55
Record Number : 1
Position : 759-771
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT56 Jackknife Replication Weight 56
Record Number : 1
Position : 772-784
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT57 Jackknife Replication Weight 57
Record Number : 1
Position : 785-797
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT58 Jackknife Replication Weight 58
Record Number : 1
Position : 798-810
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPWT59 Jackknife Replication Weight 59
Record Number : 1
Position : 811-823
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT60 Jackknife Replication Weight 60
Record Number : 1
Position : 824-836
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 757.84	0 - 757.84	29,868	100.0
		29,868	100.0%

Variable Name : REPWT61 Jackknife Replication Weight 61
Record Number : 1
Position : 837-849
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

Variable Name : REPWT62 Jackknife Replication Weight 62
Record Number : 1
Position : 850-862
Format : N13.8
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 457.86	0 - 457.86	29,868	100.0
		29,868	100.0%

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Variable Name : REPGRP Jackknife Variance Stratum
Record Number : 1
Position : 863-864
Format : N2.0
Comment :

Response	Codes	Unweighted Frequency	Percent
1 - 62	1 - 62	29,868	100.0
		29,868	100.0%

Variable Name : DRPGRP Jackknife Variance Unit
Record Number : 1
Position : 865-865
Format : N1.0
Comment :

Response	Codes	Unweighted Frequency	Percent
1 - 3	1 - 3	29,868	100.0
		29,868	100.0%

Variable Name : NAEPSBJ NAEP Assessment Completed by Student
Record Number : 1
Position : 866-866
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Mathematics	1	7,532	25.2
Science	2	10,987	36.8
Not Linked to NAEP	9	11,349	38.0
		29,868	100.0%

Variable Name : ABS09 Number Days Absent in Grade 9
Record Number : 1
Position : 867-869
Format : N3.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 175	0 - 175	8,694	29.1
Missing	999	21,174	70.9
		29,868	100.0%

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Variable Name : ABS09C Number Days Absent in Grade 9 (Categ.)
Record Number : 1
Position : 870-870
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	1,401	4.7
1 - 4	2	3,036	10.2
5 - 9	3	2,386	8.0
>= 10	4	1,871	6.3
Missing	9	21,174	70.9
		29,868	100.0%

Variable Name : ABS10 Number Days Absent in Grade 10
Record Number : 1
Position : 871-873
Format : N3.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 99	0 - 99	8,977	30.1
Missing	999	20,891	69.9
		29,868	100.0%

Variable Name : ABS10C Number Days Absent in Grade 10 (Categ.)
Record Number : 1
Position : 874-874
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	1,173	3.9
1 - 4	2	3,000	10.0
5 - 9	3	2,476	8.3
>= 10	4	2,328	7.8
Missing	9	20,891	69.9
		29,868	100.0%

Variable Name : ABS11 Number Days Absent in Grade 11
Record Number : 1
Position : 875-877
Format : N3.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 100	0 - 100	9,147	30.6
Missing	999	20,721	69.4
		29,868	100.0%

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Variable Name : ABS11C Number Days Absent in Grade 11 (Categ.)
Record Number : 1
Position : 878-878
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	965	3.2
1 - 4	2	2,742	9.2
5 - 9	3	2,490	8.3
>= 10	4	2,950	9.9
Missing	9	20,721	69.4
		29,868	100.0%

Variable Name : ABS12 Number Days Absent in Grade 12
Record Number : 1
Position : 879-881
Format : N3.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 99	0 - 99	8,807	29.5
Missing	999	21,061	70.5
		29,868	100.0%

Variable Name : ABS12C Number Days Absent in Grade 12 (Categ.)
Record Number : 1
Position : 882-882
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	1,572	5.3
1 - 4	2	1,895	6.3
5 - 9	3	2,051	6.9
>= 10	4	3,289	11.0
Missing	9	21,061	70.5
		29,868	100.0%

Variable Name : ABSTOT Total Number Days Absent
Record Number : 1
Position : 883-886
Format : N4.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 322	0 - 322	8,001	26.8
Missing	9999	21,867	73.2
		29,868	100.0%

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Variable Name : ABSTOTC Total Number Days Absent (Categ.)
Record Number : 1
Position : 887-887
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	107	0.4
1 - 16	2	2,641	8.8
17 - 37	3	2,927	9.8
>= 38	4	2,326	7.8
Missing	9	21,867	73.2
		29,868	100.0%

Variable Name : CLRANK Class Rank
Record Number : 1
Position : 888-891
Format : N4.0
Comment :

Response	Codes	Unweighted Frequency	Percent
1 - 999	1 - 999	22,113	74.0
Missing	9999	7,755	26.0
		29,868	100.0%

Variable Name : CLSIZE Class Size
Record Number : 1
Position : 892-895
Format : N4.0
Comment :

Response	Codes	Unweighted Frequency	Percent
4 - 1023	4 - 1023	21,944	73.5
Missing	9999	7,924	26.5
		29,868	100.0%

Variable Name : PCTRN Percentile Class Rank
Record Number : 1
Position : 896-898
Format : N3.0
Comment :

Response	Codes	Unweighted Frequency	Percent
1 - 100	1 - 100	21,944	73.5
Missing	999	7,924	26.5
		29,868	100.0%

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Variable Name : PCTRNC Percentile Class Rank (Categ.)
Record Number : 1
Position : 899-899
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Top 10%	1	2,453	8.2
11% - 25%	2	3,644	12.2
26% - 75%	3	11,442	38.3
76% - 90%	4	2,940	9.8
Bottom 10%	5	1,465	4.9
Missing	9	7,924	26.5
		29,868	100.0%

Variable Name : TGPA Overall Grade Point Average (Computed)
Record Number : 1
Position : 900-903
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
1.20 - 4.00	1.20 - 4.00	27,136	90.9
Missing	9.99	2,732	9.1
		29,868	100.0%

Variable Name : TGPAI Overall Grade Point Average (Computed)(Categ.)
Record Number : 1
Position : 904-904
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	6,296	21.1
2.50 - 2.99	2	7,975	26.7
3.00 - 3.74	3	10,174	34.1
3.75 - 4.00	4	2,691	9.0
Missing	9	2,732	9.1
		29,868	100.0%

Variable Name : GPA_T Overall Grade Point Average (Transcript)
Record Number : 1
Position : 905-910
Format : N6.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.04 - 123.75	0.04 - 123.75	18,503	61.9
Missing	999.99	11,365	38.1
		29,868	100.0%

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Variable Name : TCRED Total Carnegie Credits Earned (Computed)
Record Number : 1
Position : 911-915
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 78.5	0.00 - 78.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : TCREDI Total Carnegie Credits Earned (Computed)(Categ.)
Record Number : 1
Position : 916-916
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 24.0	1	6,853	22.9
24.1 - 26.0	2	5,791	19.4
26.1 - 28.0	3	5,956	19.9
>= 28.1	4	8,550	28.6
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : TRNCRED Total Credits Earned (Transcript)
Record Number : 1
Position : 917-922
Format : N6.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 400	0 - 400	29,868	100.0
		29,868	100.0%

Variable Name : STUB0100 Carnegie Credits Earned - Mathematics
Record Number : 1
Position : 923-927
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 20	0.00 - 20.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : STUB0110 Carnegie Credits Earned - Basic Math
Record Number : 1
Position : 928-932
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0120 Carnegie Credits Earned - General Math
Record Number : 1
Position : 933-937
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 12.5	0.00 - 12.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0130 Carnegie Credits Earned - Applied Math
Record Number : 1
Position : 938-942
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 20	0.00 - 20.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0141 Carnegie Credits Earned - Pre-Algebra
Record Number : 1
Position : 943-947
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : STUB0142 Carnegie Credits Earned - Algebra 1
Record Number : 1
Position : 948-952
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 6.5	0.00 - 6.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0143 Carnegie Credits Earned - Algebra 2
Record Number : 1
Position : 953-957
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4	0.00 - 4.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0150 Carnegie Credits Earned - Geometry
Record Number : 1
Position : 958-962
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4	0.00 - 4.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0160 Carnegie Credits Earned - Calculus
Record Number : 1
Position : 963-967
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4	0.00 - 4.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : STUB0161 Carnegie Credits Earned - AP/IB/Honors Calculus
Record Number : 1
Position : 968-972
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4	0.00 - 4.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0170 Carnegie Credits Earned - Advanced Math, Other
Record Number : 1
Position : 973-977
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7.02	0.00 - 7.02	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0171 Carnegie Credits Earned - Trigonometry
Record Number : 1
Position : 978-982
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 2.50	0.00 - 2.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0172 Carnegie Credits Earned - Analysis/Precalculus
Record Number : 1
Position : 983-987
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 3	0.00 - 3.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : STUB0173 Carnegie Credits Earned - Statistics/Probability
Record Number : 1
Position : 988-992
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 2	0.00 - 2.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0200 Carnegie Credits Earned - Science
Record Number : 1
Position : 993-997
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 12	0.00 - 12.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0210 Carnegie Credits Earned - Survey Science
Record Number : 1
Position : 998-1002
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7	0.00 - 7.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0220 Carnegie Credits Earned - Biology
Record Number : 1
Position : 1003-1007
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7	0.00 - 7.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : STUB0221 Carnegie Credits Earned - AP/IB/Honors Biology
Record Number : 1
Position : 1008-1012
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4.5	0.00 - 4.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0230 Carnegie Credits Earned - Chemistry
Record Number : 1
Position : 1013-1017
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5.5	0.00 - 5.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0231 Carnegie Credits Earned - AP/IB/Honors Chemistry
Record Number : 1
Position : 1018-1022
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4	0.00 - 4.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0240 Carnegie Credits Earned - Physics
Record Number : 1
Position : 1023-1027
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 8	0.00 - 8.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : STUB0241 Carnegie Credits Earned - AP/IB/Honors Physics
Record Number : 1
Position : 1028-1032
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 8	0.00 - 8.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0250 Carnegie Credits Earned - Engineering
Record Number : 1
Position : 1033-1037
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5.5	0.00 - 5.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0260 Carnegie Credits Earned - Astronomy
Record Number : 1
Position : 1038-1042
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1	0.00 - 1.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0270 Carnegie Credits Earned - Geology/Earth Science
Record Number : 1
Position : 1043-1047
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5.5	0.00 - 5.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : STUB0281 One Credit Each in Biology and Chemistry? (Flag)
Record Number : 1
Position : 1048-1048
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Failed Threshold	0	10,159	34.0
Met Threshold	1	16,991	56.9
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : STUB0282 One Credit Each in Biology, Chemistry, and Physics? (Flag)
Record Number : 1
Position : 1049-1049
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Failed Threshold	0	20,340	68.1
Met Threshold	1	6,810	22.8
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : STUB0300 Carnegie Credits Earned - English
Record Number : 1
Position : 1050-1054
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 29.5	0.00 - 29.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0310 Carnegie Credits Earned - Survey English
Record Number : 1
Position : 1055-1059
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 9	0.00 - 9.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : STUB0320 Carnegie Credits Earned - Literature
Record Number : 1
Position : 1060-1064
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 6.5	0.00 - 6.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0330 Carnegie Credits Earned - Composition
Record Number : 1
Position : 1065-1069
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 8	0.00 - 8.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0340 Carnegie Credits Earned - Speech
Record Number : 1
Position : 1070-1074
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 10	0.00 - 10.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0350 Carnegie Credits Earned - AP/IB/Honors English
Record Number : 1
Position : 1075-1079
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0360 Carnegie Credits Earned - Remedial/Below Grade English
Record Number : 1
Position : 1080-1084
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 29.5	0.00 - 29.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0400 Carnegie Credits Earned - Social Studies
Record Number : 1
Position : 1085-1089
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15	0.00 - 15.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0410 Carnegie Credits Earned - American History
Record Number : 1
Position : 1090-1094
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5.5	0.00 - 5.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0411 Carnegie Credits Earned - AP/IB/Honors American History
Record Number : 1
Position : 1095-1099
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 3	0.00 - 3.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0420 Carnegie Credits Earned - World History
Record Number : 1
Position : 1100-1104
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0421 Carnegie Credits Earned - AP/IB/Honors World History
Record Number : 1
Position : 1105-1109
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 3	0.00 - 3.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0430 Carnegie Credits Earned - American Government and Politics
Record Number : 1
Position : 1110-1114
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5.5	0.00 - 5.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0440 Carnegie Credits Earned - Humanities, Other
Record Number : 1
Position : 1115-1119
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15	0.00 - 15.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0441 Carnegie Credits Earned - Non-Western History
Record Number : 1
Position : 1120-1124
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 3	0.00 - 3.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0442 Carnegie Credits Earned - Western History/Civilization
Record Number : 1
Position : 1125-1129
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 2.5	0.00 - 2.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0443 Carnegie Credits Earned - Economics
Record Number : 1
Position : 1130-1134
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7	0.00 - 7.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0444 Carnegie Credits Earned - Geography
Record Number : 1
Position : 1135-1139
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 3	0.00 - 3.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0445 Carnegie Credits Earned - Sociology/Psychology
Record Number : 1
Position : 1140-1144
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 9	0.00 - 9.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0446 Carnegie Credits Earned - International Politics
Record Number : 1
Position : 1145-1149
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4	0.00 - 4.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0447 Carnegie Credits Earned - Remedial/Below Grade Social Studies
Record Number : 1
Position : 1150-1154
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 3	0.00 - 3.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0450 Carnegie Credits Earned - AP/IB/Honors Social Studies
Record Number : 1
Position : 1155-1159
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7	0.00 - 7.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0500 Carnegie Credits Earned - Fine Arts
Record Number : 1
Position : 1160-1164
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 16	0.00 - 16.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0510 Carnegie Credits Earned - Fine Arts and Crafts
Record Number : 1
Position : 1165-1169
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15.5	0.00 - 15.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0520 Carnegie Credits Earned - Music
Record Number : 1
Position : 1170-1174
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15.5	0.00 - 15.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0530 Carnegie Credits Earned - Drama
Record Number : 1
Position : 1175-1179
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 16	0.00 - 16.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0540 Carnegie Credits Earned - Dance
Record Number : 1
Position : 1180-1184
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 14	0.00 - 14.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0550 Carnegie Credits Earned - Art/Music Appreciation/History
Record Number : 1
Position : 1185-1189
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 6	0.00 - 6.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0600 Carnegie Credits Earned - Foreign Languages
Record Number : 1
Position : 1190-1194
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 16	0.00 - 16.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0601 Carnegie Credits Earned - AP/IB/Honors Foreign Language
Record Number : 1
Position : 1195-1199
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 6	0.00 - 6.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0610 Carnegie Credits Earned - Survey Foreign Language
Record Number : 1
Position : 1200-1204
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15	0.00 - 15.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0620 Carnegie Credits Earned - French
Record Number : 1
Position : 1205-1209
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 6	0.00 - 6.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0630 Carnegie Credits Earned - Spanish
Record Number : 1
Position : 1210-1214
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 7.5	0.00 - 7.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0640 Carnegie Credits Earned - German
Record Number : 1
Position : 1215-1219
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0650 Carnegie Credits Earned - Latin
Record Number : 1
Position : 1220-1224
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0660 Carnegie Credits Earned - Japanese
Record Number : 1
Position : 1225-1229
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0670 Carnegie Credits Earned - Mandarin/Cantonese
Record Number : 1
Position : 1230-1234
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5.5	0.00 - 5.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0680 Carnegie Credits Earned - Russian
Record Number : 1
Position : 1235-1239
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4	0.00 - 4.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0690 Carnegie Credits Earned - Foreign Language, Other
Record Number : 1
Position : 1240-1244
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0700 Carnegie Credits Earned - Computer-Related Studies
Record Number : 1
Position : 1245-1249
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 12	0.00 - 12.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0710 Carnegie Credits Earned - Clerical and Data Entry
Record Number : 1
Position : 1250-1254
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 8	0.00 - 8.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0720 Carnegie Credits Earned - Computer Applications
Record Number : 1
Position : 1255-1259
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 12	0.00 - 12.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0730 Carnegie Credits Earned - Computer Science
Record Number : 1
Position : 1260-1264
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 9.8	0.00 - 9.80	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0740 Carnegie Credits Earned - Comp. and Network Hardware and Maint.
Record Number : 1
Position : 1265-1269
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 6	0.00 - 6.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0800 Carnegie Credits Earned - Consumer and Homemaking Education
Record Number : 1
Position : 1270-1274
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 10.5	0.00 - 10.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0900 Carnegie Credits Earned - General Labor Market Preparation
Record Number : 1
Position : 1275-1279
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 21	0.00 - 21.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB0910 Carnegie Credits Earned - Typewriting 1
Record Number : 1
Position : 1280-1284
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 10.5	0.00 - 10.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0920 Carnegie Credits Earned - Introductory Industrial
Record Number : 1
Position : 1285-1289
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 10	0.00 - 10.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0930 Carnegie Credits Earned - Work Experience/Career Exploration
Record Number : 1
Position : 1290-1294
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 21	0.00 - 21.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB0940 Carnegie Credits Earned - General Labor Market Skills
Record Number : 1
Position : 1295-1299
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4	0.00 - 4.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB1000 Carnegie Credits Earned - Specific Labor Market Preparation
Record Number : 1
Position : 1300-1304
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 19	0.00 - 19.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1010 Carnegie Credits Earned - Agriculture/Renewable Resources
Record Number : 1
Position : 1305-1309
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 13.5	0.00 - 13.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1020 Carnegie Credits Earned - Business
Record Number : 1
Position : 1310-1314
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 12	0.00 - 12.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1030 Carnegie Credits Earned - Marketing and Distribution
Record Number : 1
Position : 1315-1319
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 9.5	0.00 - 9.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB1040 Carnegie Credits Earned - Health
Record Number : 1
Position : 1320-1324
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 12	0.00 - 12.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1050 Carnegie Credits Earned - Occupational Home Economics
Record Number : 1
Position : 1325-1329
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15	0.00 - 15.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1060 Carnegie Credits Earned - Trade and Industry
Record Number : 1
Position : 1330-1334
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 16	0.00 - 16.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1070 Carnegie Credits Earned - Technical and Communications
Record Number : 1
Position : 1335-1339
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 13	0.00 - 13.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB1080 Carnegie Credits Earned - Unidentfd. Specific Labor Market Prep.
Record Number : 1
Position : 1340-1344
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 16.5	0.00 - 16.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1100 Carnegie Credits Earned - General Skills
Record Number : 1
Position : 1345-1349
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 66	0.00 - 66.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1200 Carnegie Credits Earned - Personal Health and Physical Education
Record Number : 1
Position : 1350-1354
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15	0.00 - 15.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1210 Carnegie Credits Earned - Physical Education
Record Number : 1
Position : 1355-1359
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 11	0.00 - 11.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB1220 Carnegie Credits Earned - Personal Health
Record Number : 1
Position : 1360-1364
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 12	0.00 - 12.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1230 3 Credits in Phys. Ed. and 1/2 Credit in Personal Health? (Flag)
Record Number : 1
Position : 1365-1365
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Failed Threshold	0	25,857	86.6
Met Threshold	1	1,293	4.3
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : STUB1240 Carnegie Credits Earned - Driver Education
Record Number : 1
Position : 1366-1370
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 3.4	0.00 - 3.40	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1250 Carnegie Credits Earned - Personal Growth/Interpersonal Rltnshp.
Record Number : 1
Position : 1371-1375
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB1300 Carnegie Credits Earned - Religion
Record Number : 1
Position : 1376-1380
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 11.01	0.00 - 11.01	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1400 Carnegie Credits Earned - Military Science
Record Number : 1
Position : 1381-1385
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 10	0.00 - 10.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1500 Carnegie Credits Earned - Special Education
Record Number : 1
Position : 1386-1390
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 68	0.00 - 68.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : STUB1600 Carnegie Credits Earned - All Other Courses
Record Number : 1
Position : 1391-1395
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 26.5	0.00 - 26.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB2001 4ENG+3SS+3SCI+3MATH+1/2COMP+2FL? (Flag)
Record Number : 1
Position : 1396-1396
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Failed Threshold	0	23,317	78.1
Met Threshold	1	3,833	12.8
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : STUB2002 4ENG+3SS+3SCI+3MATH+1/2COMP? (Flag)
Record Number : 1
Position : 1397-1397
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Failed Threshold	0	22,442	75.1
Met Threshold	1	4,708	15.8
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : STUB2003 4ENG+3SS+3SCI+3MATH+2FL? (Flag)
Record Number : 1
Position : 1398-1398
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Failed Threshold	0	12,683	42.5
Met Threshold	1	14,467	48.4
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : STUB2004 4ENG+3SS+3SCI+3MATH? (Flag)
Record Number : 1
Position : 1399-1399
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Failed Threshold	0	9,096	30.5
Met Threshold	1	18,054	60.4
Missing	9	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : STUB2005 4ENG+3SS+2SCI+2MATH? (Flag)
Record Number : 1
Position : 1400-1400
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Failed Threshold	0	4,566	15.3
Met Threshold	1	22,584	75.6
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : IBCRD Carnegie Credits Earned - IB courses
Record Number : 1
Position : 1401-1405
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 16	0.00 - 16.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : IBCRDI Carnegie Credits Earned - IB courses (Categ.)
Record Number : 1
Position : 1406-1406
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	26,558	88.9
Yes	1	592	2.0
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : IBGPA Grade Point Average - IB courses
Record Number : 1
Position : 1407-1410
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
1.00 - 4.00	1.00 - 4.00	588	2.0
Missing	9.99	29,280	98.0
		29,868	100.0%

2005 HSTS Student File

Variable Name : IBGPAI Grade Point Average - IB courses (Categ.)
Record Number : 1
Position : 1411-1411
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	153	0.5
2.50 - 2.99	2	94	0.3
3.00 - 3.74	3	222	0.7
3.75 - 4.00	4	119	0.4
Missing	9	29,280	98.0
		29,868	100.0%

Variable Name : PIBCRD Carnegie Credits Earned - Pre-IB courses
Record Number : 1
Position : 1412-1416
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 14.5	0.00 - 14.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : PIBCRDI Carnegie Credits Earned - Pre-IB courses (Categ.)
Record Number : 1
Position : 1417-1417
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	26,824	89.8
Yes	1	326	1.1
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : PIBGPA Grade Point Average - Pre-IB courses
Record Number : 1
Position : 1418-1421
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.33 - 4.00	0.33 - 4.00	325	1.1
Missing	9.99	29,543	98.9
		29,868	100.0%

2005 HSTS Student File

Variable Name : PIBGPA Grade Point Average - Pre-IB courses (Categ.)
Record Number : 1
Position : 1422-1422
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	85	0.3
2.50 - 2.99	2	57	0.2
3.00 - 3.74	3	104	0.3
3.75 - 4.00	4	79	0.3
Missing	9	29,543	98.9
		29,868	100.0%

Variable Name : APCRD Carnegie Credits Earned - AP courses
Record Number : 1
Position : 1423-1427
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 13.5	0.00 - 13.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : APCRDI Carnegie Credits Earned - AP courses (Categ.)
Record Number : 1
Position : 1428-1428
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	18,853	63.1
Yes	1	8,297	27.8
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : APGPA Grade Point Average - AP courses
Record Number : 1
Position : 1429-1432
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	8,286	27.7
Missing	9.99	21,582	72.3
		29,868	100.0%

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Variable Name : APGPAL Grade Point Average - AP courses (Categ.)
Record Number : 1
Position : 1433-1433
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	1,828	6.1
2.50 - 2.99	2	1,144	3.8
3.00 - 3.74	3	3,520	11.8
3.75 - 4.00	4	1,794	6.0
Missing	9	21,582	72.3
		29,868	100.0%

Variable Name : PAPCRD Carnegie Credits Earned - Pre-AP courses
Record Number : 1
Position : 1434-1438
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 14.5	0.00 - 14.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : PAPCRDI Carnegie Credits Earned - Pre-AP courses (Categ.)
Record Number : 1
Position : 1439-1439
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	25,886	86.7
Yes	1	1,264	4.2
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : PAPGPA Grade Point Average - Pre-AP courses
Record Number : 1
Position : 1440-1443
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	1,262	4.2
Missing	9.99	28,606	95.8
		29,868	100.0%

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Variable Name : PAPGPAI Grade Point Average - Pre-AP courses (Categ.)
Record Number : 1
Position : 1444-1444
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	311	1.0
2.50 - 2.99	2	233	0.8
3.00 - 3.74	3	468	1.6
3.75 - 4.00	4	250	0.8
Missing	9	28,606	95.8
		29,868	100.0%

Variable Name : HONCRD Carnegie Credits Earned - Honors courses
Record Number : 1
Position : 1445-1449
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 25	0.00 - 25.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : HONCRDI Carnegie Credits Earned - Honors courses (Categ.)
Record Number : 1
Position : 1450-1450
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	14,953	50.1
Yes	1	12,197	40.8
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : HONGPA Grade Point Average - Honors courses
Record Number : 1
Position : 1451-1454
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	12,186	40.8
Missing	9.99	17,682	59.2
		29,868	100.0%

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Variable Name : HONGPAI Grade Point Average - Honors courses (Categ.)
Record Number : 1
Position : 1455-1455
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	3,120	10.4
2.50 - 2.99	2	2,055	6.9
3.00 - 3.74	3	4,856	16.3
3.75 - 4.00	4	2,155	7.2
Missing	9	17,682	59.2
		29,868	100.0%

Variable Name : ENRCRD Carnegie Credits Earned - Enriched courses
Record Number : 1
Position : 1456-1460
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 24.5	0.00 - 24.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : ENRCRD1 Carnegie Credits Earned - Enriched courses (Categ.)
Record Number : 1
Position : 1461-1461
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	24,883	83.3
Yes	1	2,267	7.6
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : ENRGPA Grade Point Average - Enriched courses
Record Number : 1
Position : 1462-1465
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
1.00 - 4.00	1.00 - 4.00	2,265	7.6
Missing	9.99	27,603	92.4
		29,868	100.0%

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Variable Name : ENRGPAI Grade Point Average - Enriched courses (Categ.)
Record Number : 1
Position : 1466-1466
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	592	2.0
2.50 - 2.99	2	320	1.1
3.00 - 3.74	3	794	2.7
3.75 - 4.00	4	559	1.9
Missing	9	27,603	92.4
		29,868	100.0%

Variable Name : ADVCRD Carnegie Credits Earned - Advanced courses
Record Number : 1
Position : 1467-1471
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 32.5	0.00 - 32.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : ADVCRDI Carnegie Credits Earned - Advanced courses (Categ.)
Record Number : 1
Position : 1472-1472
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	12,870	43.1
Yes	1	14,280	47.8
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : ADVGPA Grade Point Average - Advanced courses
Record Number : 1
Position : 1473-1476
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	14,267	47.8
Missing	9.99	15,601	52.2
		29,868	100.0%

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Variable Name : ADVGPAI Grade Point Average - Advanced courses (Categ.)
Record Number : 1
Position : 1477-1477
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	3,851	12.9
2.50 - 2.99	2	2,625	8.8
3.00 - 3.74	3	5,633	18.9
3.75 - 4.00	4	2,158	7.2
Missing	9	15,601	52.2
		29,868	100.0%

Variable Name : S01CRDI Carnegie Credits Earned - Mathematics (Categ.)
Record Number : 1
Position : 1478-1478
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 3.0	1	9,191	30.8
3.1 - 3.5	2	2,357	7.9
3.6 - 4.0	3	9,119	30.5
>= 4.1	4	6,483	21.7
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S01GPA Grade Point Average - Mathematics
Record Number : 1
Position : 1479-1482
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.33 - 4.00	0.33 - 4.00	27,067	90.6
Missing	9.99	2,801	9.4
		29,868	100.0%

Variable Name : S01GPAI Grade Point Average - Mathematics (Categ.)
Record Number : 1
Position : 1483-1483
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	11,850	39.7
2.50 - 2.99	2	5,971	20.0
3.00 - 3.74	3	6,900	23.1
3.75 - 4.00	4	2,346	7.9
Missing	9	2,801	9.4
		29,868	100.0%

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Variable Name : S02CRDI Carnegie Credits Earned - Science (Categ.)
Record Number : 1
Position : 1484-1484
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 2.5	1	6,039	20.2
2.6 - 3.0	2	9,917	33.2
3.1 - 4.0	3	7,898	26.4
>= 4.1	4	3,296	11.0
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S02GPA Grade Point Average - Science
Record Number : 1
Position : 1485-1488
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	27,005	90.4
Missing	9.99	2,863	9.6
		29,868	100.0%

Variable Name : S02GPAI Grade Point Average - Science (Categ.)
Record Number : 1
Position : 1489-1489
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	10,790	36.1
2.50 - 2.99	2	5,774	19.3
3.00 - 3.74	3	7,664	25.7
3.75 - 4.00	4	2,777	9.3
Missing	9	2,863	9.6
		29,868	100.0%

Variable Name : S03CRDI Carnegie Credits Earned - English (Categ.)
Record Number : 1
Position : 1490-1490
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 4.0	1	15,500	51.9
4.1 - 4.5	2	4,682	15.7
>= 4.6	3	6,968	23.3
Missing	9	2,718	9.1
		29,868	100.0%

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Variable Name : S03GPA Grade Point Average - English
Record Number : 1
Position : 1491-1494
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.50 - 4.00	0.50 - 4.00	27,037	90.5
Missing	9.99	2,831	9.5
		29,868	100.0%

Variable Name : S03GPAI Grade Point Average - English (Categ.)
Record Number : 1
Position : 1495-1495
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	9,015	30.2
2.50 - 2.99	2	5,969	20.0
3.00 - 3.74	3	8,679	29.1
3.75 - 4.00	4	3,374	11.3
Missing	9	2,831	9.5
		29,868	100.0%

Variable Name : S04CRDI Carnegie Credits Earned - Social Studies (Categ.)
Record Number : 1
Position : 1496-1496
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 3.0	1	6,933	23.2
3.1 - 4.0	2	11,326	37.9
4.1 - 4.5	3	2,606	8.7
>= 4.6	4	6,285	21.0
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S04GPA Grade Point Average - Social Studies
Record Number : 1
Position : 1497-1500
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	27,041	90.5
Missing	9.99	2,827	9.5
		29,868	100.0%

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Variable Name : S04GPAI Grade Point Average - Social Studies (Categ.)
Record Number : 1
Position : 1501-1501
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	8,411	28.2
2.50 - 2.99	2	5,686	19.0
3.00 - 3.74	3	9,220	30.9
3.75 - 4.00	4	3,724	12.5
Missing	9	2,827	9.5
		29,868	100.0%

Variable Name : S05CRDI Carnegie Credits Earned - Fine Arts (Categ.)
Record Number : 1
Position : 1502-1502
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 0.5	1	6,449	21.6
0.6 - 1.5	2	8,940	29.9
1.6 - 3.0	3	6,391	21.4
>= 3.1	4	5,370	18.0
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S05GPA Grade Point Average - Fine Arts
Record Number : 1
Position : 1503-1506
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	22,643	75.8
Missing	9.99	7,225	24.2
		29,868	100.0%

Variable Name : S05GPAI Grade Point Average - Fine Arts (Categ.)
Record Number : 1
Position : 1507-1507
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	2,691	9.0
2.50 - 2.99	2	1,804	6.0
3.00 - 3.74	3	8,013	26.8
3.75 - 4.00	4	10,135	33.9
Missing	9	7,225	24.2
		29,868	100.0%

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Variable Name : S06CRDI Carnegie Credits Earned - Foreign Language (Categ.)
Record Number : 1
Position : 1508-1508
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 1.0	1	7,650	25.6
1.1 - 2.0	2	10,298	34.5
2.1 - 3.0	3	5,507	18.4
>= 3.1	4	3,695	12.4
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S06GPA Grade Point Average - Foreign Language
Record Number : 1
Position : 1509-1512
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	22,954	76.9
Missing	9.99	6,914	23.1
		29,868	100.0%

Variable Name : S06GPAI Grade Point Average - Foreign Language (Categ.)
Record Number : 1
Position : 1513-1513
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	6,978	23.4
2.50 - 2.99	2	3,757	12.6
3.00 - 3.74	3	7,589	25.4
3.75 - 4.00	4	4,630	15.5
Missing	9	6,914	23.1
		29,868	100.0%

Variable Name : S07CRDI Carnegie Credits Earned - Computer-Related Studies (Categ.)
Record Number : 1
Position : 1514-1514
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	7,519	25.2
0.1 - 0.5	2	5,014	16.8
0.6 - 1.0	3	7,034	23.6
>= 1.1	4	7,583	25.4
Missing	9	2,718	9.1
		29,868	100.0%

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Variable Name : S07GPA Grade Point Average - Computer-Related Studies
Record Number : 1
Position : 1515-1518
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	19,469	65.2
Missing	9.99	10,399	34.8
		29,868	100.0%

Variable Name : S07GPAI Grade Point Average - Computer-Related Studies (Categ.)
Record Number : 1
Position : 1519-1519
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	3,912	13.1
2.50 - 2.99	2	1,743	5.8
3.00 - 3.74	3	7,105	23.8
3.75 - 4.00	4	6,709	22.5
Missing	9	10,399	34.8
		29,868	100.0%

Variable Name : S08CRDI Carnegie Credits Earned - Consumer and Homemaking Educ. (Categ.)
Record Number : 1
Position : 1520-1520
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	16,077	53.8
0.01 - 0.75	2	4,312	14.4
>= 0.76	3	6,761	22.6
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S08GPA Grade Point Average - Consumer and Homemaking Education
Record Number : 1
Position : 1521-1524
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	10,995	36.8
Missing	9.99	18,873	63.2
		29,868	100.0%

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Variable Name : S08GPAI Grade Point Average - Consumer and Homemaking Education (Categ.)
Record Number : 1
Position : 1525-1525
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	2,380	8.0
2.50 - 2.99	2	783	2.6
3.00 - 3.74	3	4,011	13.4
3.75 - 4.00	4	3,821	12.8
Missing	9	18,873	63.2
		29,868	100.0%

Variable Name : S09CRDI Carnegie Credits Earned - General Labor Market Prep. (Categ.)
Record Number : 1
Position : 1526-1526
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	17,557	58.8
0.1 - 0.5	2	4,322	14.5
0.6 - 1.0	3	3,111	10.4
1.1 - 2.0	4	1,326	4.4
2.1 - 3.0	5	403	1.3
>= 3.1	6	431	1.4
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S09GPA Grade Point Average - General Labor Market Preparation
Record Number : 1
Position : 1527-1530
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	8,963	30.0
Missing	9.99	20,905	70.0
		29,868	100.0%

Variable Name : S09GPAI Grade Point Average - General Labor Market Preparation (Categ.)
Record Number : 1
Position : 1531-1531
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	1,758	5.9
2.50 - 2.99	2	502	1.7
3.00 - 3.74	3	3,075	10.3
3.75 - 4.00	4	3,628	12.1
Missing	9	20,905	70.0
		29,868	100.0%

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Variable Name : S10CRDI Carnegie Credits Earned - Specific Labor Market Prep. (Categ.)
Record Number : 1
Position : 1532-1532
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 1.0	1	9,142	30.6
1.1 - 2.0	2	5,235	17.5
2.1 - 4.0	3	6,729	22.5
>= 4.1	4	6,044	20.2
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S10GPA Grade Point Average - Specific Labor Market Preparation
Record Number : 1
Position : 1533-1536
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.20 - 4.00	0.20 - 4.00	23,960	80.2
Missing	9.99	5,908	19.8
		29,868	100.0%

Variable Name : S10GPAI Grade Point Average - Specific Labor Market Preparation (Categ.)
Record Number : 1
Position : 1537-1537
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	3,987	13.3
2.50 - 2.99	2	3,330	11.1
3.00 - 3.74	3	9,223	30.9
3.75 - 4.00	4	7,420	24.8
Missing	9	5,908	19.8
		29,868	100.0%

Variable Name : S11CRDI Carnegie Credits Earned - General Skills (Categ.)
Record Number : 1
Position : 1538-1538
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	13,919	46.6
0.1 - 1.0	2	8,200	27.5
>= 1.1	3	5,031	16.8
Missing	9	2,718	9.1
		29,868	100.0%

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Variable Name : S11GPA Grade Point Average - General Skills
Record Number : 1
Position : 1539-1542
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	10,631	35.6
Missing	9.99	19,237	64.4
		29,868	100.0%

Variable Name : S11GPAI Grade Point Average - General Skills (Categ.)
Record Number : 1
Position : 1543-1543
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	1,472	4.9
2.50 - 2.99	2	579	1.9
3.00 - 3.74	3	3,185	10.7
3.75 - 4.00	4	5,395	18.1
Missing	9	19,237	64.4
		29,868	100.0%

Variable Name : S12CRDI Carnegie Credits Earned - Pers. Health and Phys. Educ. (Categ.)
Record Number : 1
Position : 1544-1544
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 1.5	1	8,577	28.7
1.6 - 3.0	2	12,735	42.6
>= 3.1	3	5,838	19.5
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S12GPA Grade Point Average - Personal Health and Physical Education
Record Number : 1
Position : 1545-1548
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	26,448	88.5
Missing	9.99	3,420	11.5
		29,868	100.0%

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Variable Name : S12GPAI Grade Point Average - Pers. Health and Phys. Educ. (Categ.)
Record Number : 1
Position : 1549-1549
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	2,623	8.8
2.50 - 2.99	2	2,603	8.7
3.00 - 3.74	3	10,304	34.5
3.75 - 4.00	4	10,918	36.6
Missing	9	3,420	11.5
		29,868	100.0%

Variable Name : S13CRDI Carnegie Credits Earned - Religion (Categ.)
Record Number : 1
Position : 1550-1550
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	24,906	83.4
> 0	2	2,244	7.5
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S13GPA Grade Point Average - Religion
Record Number : 1
Position : 1551-1554
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.50 - 4.00	0.50 - 4.00	2,228	7.5
Missing	9.99	27,640	92.5
		29,868	100.0%

Variable Name : S13GPAI Grade Point Average - Religion (Categ.)
Record Number : 1
Position : 1555-1555
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	307	1.0
2.50 - 2.99	2	242	0.8
3.00 - 3.74	3	876	2.9
3.75 - 4.00	4	803	2.7
Missing	9	27,640	92.5
		29,868	100.0%

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Variable Name : S14CRDI Carnegie Credits Earned - Military Science (Categ.)
Record Number : 1
Position : 1556-1556
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	25,447	85.2
> 0	2	1,703	5.7
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S14GPA Grade Point Average - Military Science
Record Number : 1
Position : 1557-1560
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.50 - 4.00	0.50 - 4.00	1,681	5.6
Missing	9.99	28,187	94.4
		29,868	100.0%

Variable Name : S14GPAI Grade Point Average - Military Science (Categ.)
Record Number : 1
Position : 1561-1561
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	374	1.3
2.50 - 2.99	2	228	0.8
3.00 - 3.74	3	620	2.1
3.75 - 4.00	4	459	1.5
Missing	9	28,187	94.4
		29,868	100.0%

Variable Name : S15CRDI Carnegie Credits Earned - Special Education (Categ.)
Record Number : 1
Position : 1562-1562
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	24,318	81.4
> 0	2	2,832	9.5
Missing	9	2,718	9.1
		29,868	100.0%

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Variable Name : S15GPA Grade Point Average - Special Education
Record Number : 1
Position : 1563-1566
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
1.00 - 4.00	1.00 - 4.00	2,739	9.2
Missing	9.99	27,129	90.8
		29,868	100.0%

Variable Name : S15GPAL Grade Point Average - Special Education (Categ.)
Record Number : 1
Position : 1567-1567
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	703	2.4
2.50 - 2.99	2	492	1.6
3.00 - 3.74	3	1,037	3.5
3.75 - 4.00	4	507	1.7
Missing	9	27,129	90.8
		29,868	100.0%

Variable Name : S16CRDI Carnegie Credits Earned - All Other Courses (Categ.)
Record Number : 1
Position : 1568-1568
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0	1	25,991	87.0
> 0	2	1,159	3.9
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S16GPA Grade Point Average - All Other Courses
Record Number : 1
Position : 1569-1572
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
1.00 - 4.00	1.00 - 4.00	893	3.0
Missing	9.99	28,975	97.0
		29,868	100.0%

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Variable Name : S16GPAI Grade Point Average - All Other Courses (Categ.)
Record Number : 1
Position : 1573-1573
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	152	0.5
2.50 - 2.99	2	41	0.1
3.00 - 3.74	3	263	0.9
3.75 - 4.00	4	437	1.5
Missing	9	28,975	97.0
		29,868	100.0%

Variable Name : MSCRED Carnegie Credits Earned - Combined Mathematics and Science
Record Number : 1
Position : 1574-1578
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 20	0.00 - 20.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : MSCREDI Carnegie Credits Earned - Comb. Mathematics and Science (Categ.)
Record Number : 1
Position : 1579-1579
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 5.5	1	4,829	16.2
5.6 - 6.5	2	5,940	19.9
6.6 - 8.0	3	10,719	35.9
>= 8.1	4	5,662	19.0
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : MSGPA Grade Point Average - Combined Mathematics and Science
Record Number : 1
Position : 1580-1583
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.50 - 4.00	0.50 - 4.00	27,088	90.7
Missing	9.99	2,780	9.3
		29,868	100.0%

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Variable Name : MSGPAI Grade Point Average - Combined Mathematics and Science (Categ.)
Record Number : 1
Position : 1584-1584
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	11,861	39.7
2.50 - 2.99	2	6,440	21.6
3.00 - 3.74	3	6,747	22.6
3.75 - 4.00	4	2,040	6.8
Missing	9	2,780	9.3
		29,868	100.0%

Variable Name : CORCRD Carnegie Credits Earned - Core courses
Record Number : 1
Position : 1585-1589
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 32	0.00 - 32.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : CORCRDI Carnegie Credits Earned - Core courses (Categ.)
Record Number : 1
Position : 1590-1590
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 13.5	1	5,677	19.0
13.6 - 15.0	2	6,966	23.3
15.1 - 16.5	3	6,625	22.2
>= 16.6	4	7,882	26.4
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : CORGPA Grade Point Average - Core courses
Record Number : 1
Position : 1591-1594
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.67 - 4.00	0.67 - 4.00	27,114	90.8
Missing	9.99	2,754	9.2
		29,868	100.0%

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Variable Name : CORGPAI Grade Point Average - Core courses (Categ.)
Record Number : 1
Position : 1595-1595
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	10,263	34.4
2.50 - 2.99	2	6,964	23.3
3.00 - 3.74	3	7,784	26.1
3.75 - 4.00	4	2,103	7.0
Missing	9	2,754	9.2
		29,868	100.0%

Variable Name : NONCRD Carnegie Credits Earned - Non-core courses
Record Number : 1
Position : 1596-1600
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 78.5	0.00 - 78.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : NONCRDI Carnegie Credits Earned - Non-core courses (Categ.)
Record Number : 1
Position : 1601-1601
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 9.0	1	6,682	22.4
9.1 - 11.0	2	8,198	27.4
11.1 - 13.0	3	6,311	21.1
>= 13.1	4	5,959	20.0
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : NONGPA Grade Point Average - Non-core courses
Record Number : 1
Position : 1602-1605
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.85 - 4.00	0.85 - 4.00	27,132	90.8
Missing	9.99	2,736	9.2
		29,868	100.0%

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Variable Name : NONGPAI Grade Point Average - Non-core courses (Categ.)
Record Number : 1
Position : 1606-1606
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	2,626	8.8
2.50 - 2.99	2	5,559	18.6
3.00 - 3.74	3	13,263	44.4
3.75 - 4.00	4	5,684	19.0
Missing	9	2,736	9.2
		29,868	100.0%

Variable Name : OCPCRD Carnegie Credits Earned - Other academic courses
Record Number : 1
Position : 1607-1611
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 19.5	0.00 - 19.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : OCPCRD1 Carnegie Credits Earned - Other academic courses (Categ.)
Record Number : 1
Position : 1612-1612
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 3.0	1	6,799	22.8
3.1 - 4.5	2	6,714	22.5
4.6 - 6.0	3	6,493	21.7
>= 6.1	4	7,144	23.9
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : OCPGPA Grade Point Average - Other academic courses
Record Number : 1
Position : 1613-1616
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	26,724	89.5
Missing	9.99	3,144	10.5
		29,868	100.0%

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Variable Name : OCPGPAI Grade Point Average - Other academic courses (Categ.)
Record Number : 1
Position : 1617-1617
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	4,981	16.7
2.50 - 2.99	2	4,997	16.7
3.00 - 3.74	3	11,271	37.7
3.75 - 4.00	4	5,475	18.3
Missing	9	3,144	10.5
		29,868	100.0%

Variable Name : OTHCRD Carnegie Credits Earned - Other (non-academic) courses
Record Number : 1
Position : 1618-1622
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 78.5	0.00 - 78.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : OTHCRDI Carnegie Credits Earned - Other (non-academic) courses (Categ.)
Record Number : 1
Position : 1623-1623
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 5.0	1	11,395	38.2
5.1 - 6.0	2	3,882	13.0
6.1 - 7.0	3	3,296	11.0
>= 7.1	4	8,577	28.7
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : OTHGPA Grade Point Average - Other (non-academic) courses
Record Number : 1
Position : 1624-1627
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
1.00 - 4.00	1.00 - 4.00	27,011	90.4
Missing	9.99	2,857	9.6
		29,868	100.0%

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Variable Name : OTHGPAI Grade Point Average - Other (non-academic) courses (Categ.)
Record Number : 1
Position : 1628-1628
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	2,391	8.0
2.50 - 2.99	2	4,201	14.1
3.00 - 3.74	3	11,849	39.7
3.75 - 4.00	4	8,570	28.7
Missing	9	2,857	9.6
		29,868	100.0%

Variable Name : G9CRED Carnegie Credits Earned - Ninth grade
Record Number : 1
Position : 1629-1633
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 27.5	0.00 - 27.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : G9CREDI Carnegie Credits Earned - Ninth grade (Categ.)
Record Number : 1
Position : 1634-1634
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 5.5	1	3,336	11.2
5.6 - 6.5	2	8,187	27.4
6.6 - 7.5	3	8,986	30.1
>= 7.6	4	6,641	22.2
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : G9GPA Grade Point Average - Ninth grade
Record Number : 1
Position : 1635-1638
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.80 - 4.00	0.80 - 4.00	26,875	90.0
Missing	9.99	2,993	10.0
		29,868	100.0%

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Variable Name : G9GPAI Grade Point Average - Ninth grade (Categ.)
Record Number : 1
Position : 1639-1639
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	6,936	23.2
2.50 - 2.99	2	6,511	21.8
3.00 - 3.74	3	9,538	31.9
3.75 - 4.00	4	3,890	13.0
Missing	9	2,993	10.0
		29,868	100.0%

Variable Name : G10CRD Carnegie Credits Earned - Tenth grade
Record Number : 1
Position : 1640-1644
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 18	0.00 - 18.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : G10CRDI Carnegie Credits Earned - Tenth grade (Categ.)
Record Number : 1
Position : 1645-1645
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 5.5	1	3,546	11.9
5.6 - 6.5	2	8,231	27.6
6.6 - 7.5	3	8,915	29.8
>= 7.6	4	6,458	21.6
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : G10GPA Grade Point Average - Tenth grade
Record Number : 1
Position : 1646-1649
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.67 - 4.00	0.67 - 4.00	26,967	90.3
Missing	9.99	2,901	9.7
		29,868	100.0%

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Variable Name : G10GPAI Grade Point Average - Tenth grade (Categ.)
Record Number : 1
Position : 1650-1650
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	7,254	24.3
2.50 - 2.99	2	6,683	22.4
3.00 - 3.74	3	9,577	32.1
3.75 - 4.00	4	3,453	11.6
Missing	9	2,901	9.7
		29,868	100.0%

Variable Name : G11CRD Carnegie Credits Earned - Eleventh grade
Record Number : 1
Position : 1651-1655
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 32.5	0.00 - 32.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : G11CRDI Carnegie Credits Earned - Eleventh grade (Categ.)
Record Number : 1
Position : 1656-1656
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 5.5	1	3,944	13.2
5.6 - 6.5	2	8,447	28.3
6.6 - 7.5	3	8,480	28.4
>= 7.6	4	6,279	21.0
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : G11GPA Grade Point Average - Eleventh grade
Record Number : 1
Position : 1657-1660
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	26,864	89.9
Missing	9.99	3,004	10.1
		29,868	100.0%

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Variable Name : G11GPAI Grade Point Average - Eleventh grade (Categ.)
Record Number : 1
Position : 1661-1661
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	6,894	23.1
2.50 - 2.99	2	6,666	22.3
3.00 - 3.74	3	10,112	33.9
3.75 - 4.00	4	3,192	10.7
Missing	9	3,004	10.1
		29,868	100.0%

Variable Name : G12CRD Carnegie Credits Earned - Twelfth grade
Record Number : 1
Position : 1662-1666
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 58.5	0.00 - 58.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : G12CRDI Carnegie Credits Earned - Twelfth grade (Categ.)
Record Number : 1
Position : 1667-1667
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 5.5	1	7,494	25.1
5.6 - 6.5	2	9,052	30.3
6.6 - 7.5	3	6,326	21.2
>= 7.6	4	4,278	14.3
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : G12GPA Grade Point Average - Twelfth grade
Record Number : 1
Position : 1668-1671
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.62 - 4.00	0.62 - 4.00	27,082	90.7
Missing	9.99	2,786	9.3
		29,868	100.0%

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Variable Name : G12GPAI Grade Point Average - Twelfth grade (Categ.)
Record Number : 1
Position : 1672-1672
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	5,615	18.8
2.50 - 2.99	2	5,996	20.1
3.00 - 3.74	3	11,408	38.2
3.75 - 4.00	4	4,063	13.6
Missing	9	2,786	9.3
		29,868	100.0%

Variable Name : UNDCRD Carnegie Credits Earned - Average underclassmen
Record Number : 1
Position : 1673-1677
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15	0.00 - 15.00	29,868	100.0
Missing	99.99	0	0.0
		29,868	100.0%

Variable Name : UNDCRDI Carnegie Credits Earned - Average underclassmen (Categ.)
Record Number : 1
Position : 1678-1678
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 5.5	1	2,344	7.8
5.6 - 6.5	2	9,127	30.6
6.6 - 7.5	3	10,040	33.6
>= 7.6	4	5,639	18.9
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : UNDGPA Grade Point Average - Underclassmen
Record Number : 1
Position : 1679-1682
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
1.11 - 4.00	1.11 - 4.00	27,128	90.8
Missing	9.99	2,740	9.2
		29,868	100.0%

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Variable Name : UNDGPAI Grade Point Average - Underclassmen (Categ.)
Record Number : 1
Position : 1683-1683
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 2.49	1	6,945	23.3
2.50 - 2.99	2	7,666	25.7
3.00 - 3.74	3	9,649	32.3
3.75 - 4.00	4	2,868	9.6
Missing	9	2,740	9.2
		29,868	100.0%

Variable Name : APIBM Carnegie Credits Earned - AP/IB mathematics courses
Record Number : 1
Position : 1684-1688
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 4.5	0.00 - 4.50	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

Variable Name : APIBMI Carnegie Credits Earned - AP/IB mathematics courses (Categ.)
Record Number : 1
Position : 1689-1689
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	23,959	80.2
Yes	1	3,191	10.7
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : APIBS Carnegie Credits Earned - AP/IB science courses
Record Number : 1
Position : 1690-1694
Format : N5.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 5	0.00 - 5.00	27,150	90.9
Missing	99.99	2,718	9.1
		29,868	100.0%

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Variable Name : APIBSI Carnegie Credits Earned - AP/IB science courses (Categ.)
Record Number : 1
Position : 1695-1695
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	24,327	81.4
Yes	1	2,823	9.5
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : USHSTCK Took U.S. History course? (Flag)
Record Number : 1
Position : 1696-1696
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	1,627	5.4
Yes	1	25,523	85.5
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : WDHSTCK Took World History course? (Flag)
Record Number : 1
Position : 1697-1697
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	5,840	19.6
Yes	1	21,310	71.3
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : GOVCVCK Took Government/Civics/Politics course? (Flag)
Record Number : 1
Position : 1698-1698
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	4,788	16.0
Yes	1	22,362	74.9
Missing	9	2,718	9.1
		29,868	100.0%

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Variable Name : ECONCHK Took Economics course? (Flag)
Record Number : 1
Position : 1699-1699
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	13,241	44.3
Yes	1	13,909	46.6
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : WDGEOCK Took World Geography course? (Flag)
Record Number : 1
Position : 1700-1700
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	17,580	58.9
Yes	1	9,570	32.0
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : SCPSYCK Took Sociology/Psychology course? (Flag)
Record Number : 1
Position : 1701-1701
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	17,799	59.6
Yes	1	9,351	31.3
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : LEVMC Highest Level Mathematics Course Taken
Record Number : 1
Position : 1702-1702
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Algebra I or below	1	2,660	8.9
Geometry	2	3,934	13.2
Algebra II	3	9,701	32.5
Advanced mathematics	4	7,307	24.5
Calculus	5	3,548	11.9
Missing	9	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : MHLGPA Grade Point Average - Highest Level Mathematics Course Taken
Record Number : 1
Position : 1703-1706
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	26,991	90.4
Missing	9.99	2,877	9.6
		29,868	100.0%

Variable Name : MHLGPAI Grade Point Average - Highest Level Math. Course Taken (Categ.)
Record Number : 1
Position : 1707-1707
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
4.00	1	2,974	10.0
>= 3.00 but < 4.00	2	7,258	24.3
>= 2.00 but < 3.00	3	10,404	34.8
< 2.00	4	6,355	21.3
Missing	9	2,877	9.6
		29,868	100.0%

Variable Name : LEVSC Highest Level Science Course Taken
Record Number : 1
Position : 1708-1708
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Survey or Earth Science	1	1,276	4.3
Biology	2	5,955	19.9
Chemistry	3	8,717	29.2
Physics	4	6,143	20.6
Advanced science	5	5,059	16.9
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : SHLGPA Grade Point Average - Highest Level Science Course Taken
Record Number : 1
Position : 1709-1712
Format : N4.2
Comment :

Response	Codes	Unweighted Frequency	Percent
0.00 - 4.00	0.00 - 4.00	26,953	90.2
Missing	9.99	2,915	9.8
		29,868	100.0%

2005 HSTS Student File

Variable Name : SHLGPAI Grade Point Average - Highest Level Sci. Course Taken (Categ.)
Record Number : 1
Position : 1713-1713
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
4.00	1	3,875	13.0
>= 3.00 but < 4.00	2	8,213	27.5
>= 2.00 but < 3.00	3	9,726	32.6
< 2.00	4	5,139	17.2
Missing	9	2,915	9.8
		29,868	100.0%

Variable Name : LEVM9 Highest Level Mathematics Course Taken - Ninth grade
Record Number : 1
Position : 1714-1714
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No mathematics class taken	0	1,213	4.1
Below Algebra I	1	3,569	11.9
Algebra I	2	15,378	51.5
Geometry	3	5,098	17.1
Algebra II	4	1,515	5.1
Advanced mathematics	5	266	0.9
Calculus	6	15	0.1
Missing	9	2,814	9.4
		29,868	100.0%

Variable Name : LEVS9 Highest Level Science Course Taken - Ninth grade
Record Number : 1
Position : 1715-1715
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No science class taken	0	2,754	9.2
Survey science	1	11,313	37.9
Earth Science	2	3,581	12.0
Biology	3	8,307	27.8
Chemistry	4	262	0.9
Physics	5	713	2.4
Advanced science	6	124	0.4
Missing	9	2,814	9.4
		29,868	100.0%

2005 HSTS Student File

Variable Name : GRDM Last Grade Mathematics Course Taken
Record Number : 1
Position : 1716-1716
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Not at all	1	68	0.2
Ninth grade	2	61	0.2
Tenth grade	3	1,020	3.4
Eleventh grade	4	8,239	27.6
Twelfth grade	5	17,762	59.5
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : GRDS Last Grade Science Course Taken
Record Number : 1
Position : 1717-1717
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Not at all	1	126	0.4
Ninth grade	2	182	0.6
Tenth grade	3	2,411	8.1
Eleventh grade	4	10,289	34.4
Twelfth grade	5	14,142	47.3
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : TGPAQ Overall Grade Point Average Quartile
Record Number : 1
Position : 1718-1718
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Top 25%	1	6,307	21.1
Second 25%	2	6,726	22.5
Third 25%	3	7,083	23.7
Bottom 25%	4	7,034	23.6
Missing	9	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : S1GPAQ Mathematics Grade Point Average Quartile
Record Number : 1
Position : 1719-1719
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Top 25%	1	6,400	21.4
Second 25%	2	6,724	22.5
Third 25%	3	6,673	22.3
Bottom 25%	4	7,353	24.6
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : S2GPAQ Science Grade Point Average Quartile
Record Number : 1
Position : 1720-1720
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Top 25%	1	6,344	21.2
Second 25%	2	6,383	21.4
Third 25%	3	7,348	24.6
Bottom 25%	4	7,075	23.7
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : CURRIC Curriculum Level Earned
Record Number : 1
Position : 1721-1721
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Incomplete transcript	0	475	1.6
Below Standard	1	8,808	29.5
Standard	2	4,384	14.7
Mid-level	3	11,005	36.8
Rigorous	4	2,478	8.3
Missing transcript	9	2,718	9.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : MEETSTD Earned at least Standard Curriculum Level?
Record Number : 1
Position : 1722-1722
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Incomplete transcript	0	475	1.6
Did not achieve level	1	8,808	29.5
Achieved level	2	17,867	59.8
Missing transcript	9	2,718	9.1
		29,868	100.0%

Variable Name : MEETMID Earned at least Mid-Level Curriculum Level?
Record Number : 1
Position : 1723-1723
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Incomplete transcript	0	475	1.6
Did not achieve level	1	13,192	44.2
Achieved level	2	13,483	45.1
Missing transcript	9	2,718	9.1
		29,868	100.0%

Variable Name : SATMATI Highest SAT Mathematics Score (Categ.)
Record Number : 1
Position : 1724-1724
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 400	1	830	2.8
401 - 500	2	1,692	5.7
501 - 600	3	1,640	5.5
> 600	4	932	3.1
Missing	9	24,774	82.9
		29,868	100.0%

Variable Name : SATVRBI Highest SAT Verbal Score (Categ.)
Record Number : 1
Position : 1725-1725
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 400	1	817	2.7
401 - 500	2	1,760	5.9
501 - 600	3	1,604	5.4
> 600	4	854	2.9
Missing	9	24,833	83.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : PSTMATI Highest PSAT Mathematics Score (Categ.)
Record Number : 1
Position : 1726-1726
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 40	1	60	0.2
41 - 50	2	123	0.4
51 - 60	3	98	0.3
> 60	4	61	0.2
Missing	9	29,526	98.9
		29,868	100.0%

Variable Name : PSTVRBI Highest PSAT Verbal Score (Categ.)
Record Number : 1
Position : 1727-1727
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 40	1	78	0.3
41 - 50	2	128	0.4
51 - 60	3	101	0.3
> 60	4	32	0.1
Missing	9	29,529	98.9
		29,868	100.0%

Variable Name : ACTCMPI Highest ACT Composite Score (Categ.)
Record Number : 1
Position : 1728-1728
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
<= 18	1	1,617	5.4
19 - 20	2	678	2.3
21 - 22	3	667	2.2
23 - 24	4	506	1.7
> 24	5	972	3.3
Missing	9	25,428	85.1
		29,868	100.0%

2005 HSTS Student File

Variable Name : ACADTRK Academic Track
Record Number : 1
Position : 1729-1729
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Academic	1	19,734	66.1
Vocational	2	545	1.8
Both	3	5,909	19.8
Neither	4	962	3.2
Missing	9	2,718	9.1
		29,868	100.0%

Variable Name : GRREQFLG Graduation Requirements Level Flag
Record Number : 1
Position : 1730-1730
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Earned > 100% credits required to graduate	1	20,892	69.9
Earned > 75% but <= 100% credits required to graduate	2	2,788	9.3
Earned exactly 75% credits required to graduate	3	10	0.0
Earned < 75% credits required to graduate	4	205	0.7
Missing	9	5,973	20.0
		29,868	100.0%

Variable Name : MEETREQ Meets Analysis Requirements?
Record Number : 1
Position : 1731-1731
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
No	0	3,343	11.2
Yes	1	26,525	88.8
		29,868	100.0%

Appendix V

2005 High School Transcript Study Codebook for
Tests and Honors File

APPENDIX V. 2005 HSTS TESTS AND HONORS FILE

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes	Unweighted Frequency	Percent
0130011 - 5930011		46,680	100.0
		46,680	100.0%

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 8-17
Format : C10
Comment :

Response	Codes	Unweighted Frequency	Percent
1010807613 - 9900002689		46,680	100.0
		46,680	100.0%

Variable Name : TH_SEQ Test/Honor Sequence Number
Record Number : 1
Position : 18-19
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
01 - 43		46,680	100.0
		46,680	100.0%

Variable Name : TH_CODE Test/Honor Code
Record Number : 1
Position : 20-22
Format : C3
Comment :

Response	Codes	Unweighted Frequency	Percent
National Honors	801	332	0.7
Athletic Honors	802	147	0.3
Academic Honors	803	378	0.8
Honor Roll	804	243	0.5
Other Honors	899	520	1.1
ACT Composite	901	5,271	11.3
ACT English	902	5,112	11.0
ACT Mathematics	903	5,107	10.9
ACT Reading	904	5,115	11.0
ACT Science	905	5,082	10.9
ACT Writing	906	2	0.0
PSAT Composite	907	1	0.0
PSAT Mathematics	908	481	1.0
PSAT Verbal	909	478	1.0
SAT Composite	910	0	0.0
SAT Mathematics	911	6,406	13.7
SAT Verbal	912	6,333	13.6
CTBS Total	913	1	0.0
OLSAT Nonverbal	914	0	0.0
OLSAT Total	915	0	0.0
OLSAT Verbal	916	0	0.0
PLAN Composite	917	941	2.0
Stanford Language	918	313	0.7
Stanford Mathematics	919	313	0.7
Stanford Science	920	303	0.6
Stanford Social Science	921	297	0.6
Stanford Total Reading	922	308	0.7
Stanford Writing	923	0	0.0
TCS Memory	924	4	0.0
TCS Nonverbal	925	4	0.0
TCS Verbal	926	4	0.0
PSAT Writing	927	2,147	4.6
SAT II Subject Test: Literature	928	14	0.0
SAT II Subject Test: U.S. History	929	22	0.0
SAT II Subject Test: World History	930	2	0.0
SAT II Subject Test: Mathematics Level 1 (IC)	931	29	0.1
SAT II Subject Test: Mathematics Level 2 (IIC)	932	24	0.1
SAT II Subject Test: Biology E/M	933	6	0.0
SAT II Subject Test: Chemistry	934	7	0.0
SAT II Subject Test: Physics	935	3	0.0
SAT II Subject Test: Chinese (With Listening)	936	0	0.0
SAT II Subject Test: Japanese (With Listening)	937	0	0.0
SAT II Subject Test: Korean (With Listening)	938	0	0.0
SAT II Subject Test: French (With Listening)	939	2	0.0
SAT II Subject Test: French (Without Listening)	940	0	0.0
SAT II Subject Test: German (With Listening)	941	0	0.0
SAT II Subject Test: German (Without Listening)	942	0	0.0
SAT II Subject Test: Spanish (With Listening)	943	4	0.0
SAT II Subject Test: Spanish (Without Listening)	944	5	0.0
SAT II Subject Test: Modern Hebrew	945	0	0.0
SAT II Subject Test: Italian	946	0	0.0
SAT II Subject Test: Latin	947	1	0.0
SAT II Subject Test: ELPT	948	0	0.0
SAT II Subject Test: Writing	949	54	0.1
Other Tests	999	864	1.9
		46,680	100.0%

Variable Name : TH_DESCR Test/Honor Description
Record Number : 1
Position : 23-72
Format : C50
Comment :

Response	Codes	Unweighted Frequency	Percent
All Tests and Honors Descriptions		46,680	100.0
		46,680	100.0%

Variable Name : TH_YEAR Year of Test or Honor
Record Number : 1
Position : 73-76
Format : C4
Comment :

Response	Codes	Unweighted Frequency	Percent
2000	2000	87	0.2
2001	2001	181	0.4
2002	2002	2,530	5.4
2003	2003	4,569	9.8
2004	2004	31,972	68.5
2005	2005	6,439	13.8
Missing	9999	902	1.9
		46,680	100.0%

Variable Name : TH_MONTH Month of Test or Honor
Record Number : 1
Position : 77-78
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
January	01	1,749	3.7
February	02	3,068	6.6
March	03	1,809	3.9
April	04	7,989	17.1
May	05	2,164	4.6
June	06	5,665	12.1
July	07	22	0.0
August	08	5	0.0
September	09	892	1.9
October	10	9,678	20.7
November	11	2,103	4.5
December	12	7,254	15.5
Missing	99	4,282	9.2
		46,680	100.0%

Variable Name : TH_TYPE Test or Honor?
Record Number : 1
Position : 79-79
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Honor	H	1,620	3.5
Test	T	45,060	96.5
		46,680	100.0%

Variable Name : TH_SCORE Test Score
Record Number : 1
Position : 80-83
Format : N4.0
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 1719	0 - 1719	45,060	96.5
Honors Record	9999	1,620	3.5
		46,680	100.0%

Appendix W

2005 High School Transcript Study Codebook for
Transcript File

APPENDIX W. 2005 HSTS TRANSCRIPT FILE

Variable Name : COURSEID Course ID
Record Number : 1
Position : 1-7
Format : C7
Comment :

Response	Codes	Unweighted Frequency	Percent
0000005 - 0912705		1,309,325	100.0
		1,309,325	100.0%

Variable Name : SCHOOLID School ID
Record Number : 1
Position : 8-14
Format : C7
Comment :

Response	Codes	Unweighted Frequency	Percent
0130011 - 6130011		1,309,325	100.0
		1,309,325	100.0%

Variable Name : STUDENTI Student ID
Record Number : 1
Position : 15-24
Format : C10
Comment :

Response	Codes	Unweighted Frequency	Percent
1010807613 - 9900002789		1,309,325	100.0
		1,309,325	100.0%

Variable Name : CATLOGID Catalog ID
Record Number : 1
Position : 25-35
Format : C11
Comment :

Response	Codes	Unweighted Frequency	Percent
00009990001 - 61300110158		1,309,325	100.0
		1,309,325	100.0%

Variable Name : GRADLEV Grade Level in Which Course Taken
Record Number : 1
Position : 36-37
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
Seventh grade	07	549	0.0
Eighth grade	08	7,311	0.6
Ninth grade	09	336,377	25.7
Tenth grade	10	332,375	25.4
Eleventh grade	11	324,040	24.7
Twelfth grade	12	308,673	23.6
		1,309,325	100.0%

Variable Name : YEARSPAN School Year in Which Course Taken
Record Number : 1
Position : 38-42
Format : C5
Comment :

Response	Codes	Unweighted Frequency	Percent
1998 - 1999	98-99	347	0.0
1999 - 2000	99-00	1,374	0.1
2000 - 2001	00-01	13,558	1.0
2001 - 2002	01-02	330,702	25.3
2002 - 2003	02-03	332,813	25.4
2003 - 2004	03-04	325,236	24.8
2004 - 2005	04-05	305,295	23.3
		1,309,325	100.0%

Variable Name : TERM School Term in Which Course Taken
Record Number : 1
Position : 43-43
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Missing or Undeterminable	0	25,958	2.0
Fall	1	424,310	32.4
Spring	2	416,991	31.8
Year-round	3	270,992	20.7
Winter	4	11,615	0.9
Summer	5	14,435	1.1
First Quarter	6	34,757	2.7
Second Quarter	7	38,656	3.0
Third Quarter	8	33,842	2.6
Fourth Quarter	9	37,769	2.9
		1,309,325	100.0%

Variable Name : CRSENAME Catalog Course Title
Record Number : 1
Position : 44-93
Format : C50
Comment :

Response	Codes	Unweighted Frequency	Percent
All Course Titles		1,309,325	100.0
		1,309,325	100.0%

Variable Name : CRSEGRAD Course Grade Reported on Transcript
Record Number : 1
Position : 94-97
Format : C4
Comment :

Response	Codes	Unweighted Frequency	Percent
All Grades Earned		1,309,325	100.0
		1,309,325	100.0%

Variable Name : STDGRAD Standardized Course Grade
Record Number : 1
Position : 98-99
Format : C2
Comment :

Response	Codes	Unweighted Frequency	Percent
A	A	393,538	30.1
A+	A+	19,994	1.5
A-	A-	57,554	4.4
B	B	299,405	22.9
B+	B+	45,450	3.5
B-	B-	38,450	2.9
C	C	203,216	15.5
C+	C+	29,825	2.3
C-	C-	22,700	1.7
D	D	85,444	6.5
D+	D+	11,423	0.9
D-	D-	10,031	0.8
F	F	47,090	3.6
F+	F+	27	0.0
F-	F-	15	0.0
Incomplete	I	458	0.0
Not Graded	NG	11,523	0.9
Pass/Satisfactory	P	30,771	2.4
Unsatisfactory	U	438	0.0
Withdrew	W	1,296	0.1
Withdrew Failing	WF	400	0.0
Withdrew Passing	WP	277	0.0
		1,309,325	100.0%

Variable Name : RAWCRED Course Credits Reported on Transcript
Record Number : 1
Position : 100-107
Format : N8.4
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 60		1,309,325	100.0
		1,309,325	100.0%

Variable Name : CARNCRED Course Carnegie Units
Record Number : 1
Position : 108-113
Format : N6.3
Comment :

Response	Codes	Unweighted Frequency	Percent
0 - 15.5		1,309,325	100.0
		1,309,325	100.0%

Variable Name : CSSC Course CSSC Code
Record Number : 1
Position : 114-119
Format : C6
Comment :

Response	Codes	Unweighted Frequency	Percent
010100 - 600000		1,309,325	100.0
		1,309,325	100.0%

Variable Name : SPEDFLAG Special Education Course? (Flag)
Record Number : 1
Position : 120-120
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Self-Contained Special Education Course	0	6,661	0.5
Not a Special Education Course	1	1,284,957	98.1
Resource Special Education Course	2	17,540	1.3
Physical Disabilities Course	3	167	0.0
		1,309,325	100.0%

Variable Name : OFFCAMP Taught Off Campus? (Flag)
Record Number : 1
Position : 121-121
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
On Campus	0	1,295,178	98.9
Vocational Educational Center	1	3,060	0.2
Special Education Center	2	42	0.0
Other Location	3	6,202	0.5
Multiple Locations	4	3,619	0.3
Home Schooling	5	272	0.0
Distance Learning	6	420	0.0
Video-Enhanced	7	28	0.0
Correspondence Course	8	131	0.0
Computer-Based or Internet Training	9	373	0.0
		1,309,325	100.0%

Variable Name : OTHLANG Taught in Language Other than English? (Flag)
Record Number : 1
Position : 122-122
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Taught in English	0	1,300,225	99.3
English as a Second Language	1	7,014	0.5
Taught Completely in Foreign Language	2	2,086	0.2
		1,309,325	100.0%

Variable Name : LEVELFLG Course Level (Flag)
Record Number : 1
Position : 123-123
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Not Classified	0	0	0.0
Remedial Course	1	4,034	0.3
Regular Course	2	1,156,148	88.3
Enriched Course	3	12,173	0.9
Honors Course	4	79,541	6.1
Pre-AP Course	5	8,576	0.7
Advanced Placement Course	6	35,204	2.7
Pre-IB Course	7	1,406	0.1
International Baccalaureate Course	8	3,620	0.3
College Credit Course	9	8,623	0.7
		1,309,325	100.0%

Variable Name : TRANSFER Course Transferred from Another School? (Flag)
Record Number : 1
Position : 124-124
Format : C1
Comment :

Response	Codes	Unweighted Frequency	Percent
Not a Transfer Course	0	1,215,319	92.8
Transfer Course	1	94,006	7.2
		1,309,325	100.0%

Appendix X

HSTS 2005 User's Guide
and
Technical Documentation
Glossary

APPENDIX X. HSTS 2005 USER'S GUIDE AND TECHNICAL DOCUMENTATION GLOSSARY

Accommodations	Assessment accommodations are changes in testing materials or procedures that enable a student to participate in an assessment that allows knowledge and skills to be assessed rather than disabilities or limited English.
AP	Advanced Placement. The Advanced Placement Program is designed to prepare students to take the advanced placement examinations given by the Educational Testing Service (ETS). Students who pass these tests may be given credit and/or be exempted from requirements in colleges and universities based on their scores. Colleges and universities make their own rules regarding what tests to accept and the scores needed for credit or exemptions.
Carnegie unit	A factor used to standardize all credits indicated on transcripts across the study. A single Carnegie unit is equal to 120 hours of classroom time over the course of a year.
Catalog	A document compiled by a school or a district listing all available courses that are offered by the school and a description of those courses. Curriculum specialists reviewed catalogs and used them to determine the appropriate CSSC code for each course.
Continuous sorting variable	A sorting variable used in stratification that is continuous in nature, not discrete. For example, in the private school stratification, census division and type of location are discrete sorting variables, but proportion of minority enrollment is a continuous sorting variable.
Continuous variable	A data variable that has an infinite number of values. For example, percentage variables are considered to be continuous variables. Ranges can be assigned to continuous variables to make them discrete variables.
Correlation	A measure of the relation between two or more variables. Correlation coefficients can range from -1.00 to +1.00. The value of -1.00 represents a perfect negative correlation while a value of +1.00 represents a perfect positive correlation. A value of 0.00 represents a lack of correlation.

Course Offerings file	An HSTS data file that provides a comprehensive list of the courses offered in the schools included in the study. A CSSC code is associated with each course title.
CSSC	Classification of Secondary School Courses. A coding system employed for the purpose of standardizing HSTS transcripts. The CSSC is a modification of the Classification of Instructional Program (CIP) used for classifying college courses and contains 2,286 course codes. Each CSSC course code contains six digits. The first two digits identify the main program area, the second two digits represent a subcategory of courses within the main program area, and the final two digits define the specific course. For example, for the CSSC code 400522, the first two digits (40) define Physical Sciences, the middle two digits (05) define the Chemistry subcategory, and the final two digits (22) define the course Advanced Chemistry.
Data files	HSTS 2005 has produced a set of eight data files that are available on a restricted-use basis. These include the Master CSSC File, the Course Offerings File, the School File, the Student File, the NAEP Data File, the SD/LEP File, the Transcript File, and the Tests and Honors File.
Diploma	A document granted by a school indicating the student completed all the requirements for graduation. The type of diploma is indicated by the Exit Status.
Discrete variable	A data variable that has a limited number of values. For example, student gender is a discrete variable because students can only be male or female.
Eligible student	A student who meets the graduation criteria established for the HSTS sample. Eligible students graduated from high school with a standard, honors, or special education diploma, or they received either a certificate of completion or a certificate of attendance. Note this term applies only to the HSTS sample, not to the sample of HSTS students used in generating the results for this report.
English language learner (ELL)	A term used to describe students who are in the process of acquiring English language skills and knowledge. Some schools refer to these students using the term limited English proficient, or LEP.

Exclusion criteria	Criteria adopted to exclude HSTS students who did not meet the graduation requirements established for analyses found in this report. Students with special education diplomas, certificates of attendance, and certificates of completion were excluded, as were students with zero English credits and students with fewer than 16 Carnegie units.
Explicit stratification	The organization of a population into parts achieved by building separate sampling frames, according to the set of variables under consideration. It is the stratification used for categorical variables, in contrast to implicit stratification, which is used for continuous variables.
Exit status	A code that describes the type of diploma the student received.
Flags	Markers used to indicate special features of a course, such as its relationship to other courses within a sequence, the language of instruction for the course, the level of the course, the location where the course was taught, and any enrollment restrictions (regular or disabled students).
High School and Beyond	A longitudinal study following cohorts of the 1980 high school sophomore class who became seniors in 1982 from which the HSTS 1982 sample was drawn. Samples for subsequent studies were drawn from the corresponding NAEP samples.
HSTS	High School Transcript Study. A periodic study developed by NCES that provides the Department of Education and other education policymakers with information regarding current course offerings and students' coursetaking patterns in the nation's secondary schools.
IB	International Baccalaureate. A nonprofit educational foundation program consisting of a comprehensive 2-year international curriculum that allows students to fulfill the requirements of their national or state education systems.
Implicit stratification	The organization of a population into parts achieved by sorting records in a file instead of explicitly separating the population units into different strata. Only one implicit stratification variable can be used at a time. It is the stratification used for continuous variables, in

contrast to explicit stratification, which is used for categorical variables.

Imputation

Imputation is often used in surveys to compensate for item nonresponse and involves replacing a missing value with a nonmissing value, typically generated from a statistical model. Imputation is used to reduce nonresponse bias in survey estimates, simplify analyses, and improve the consistency of results across analyses. Imputations should also preserve multivariate distributions.

Jackknife method

A method of replication used to compute the variance of statistics from complex samples. HSTS used a paired jackknife method. This method divides the sample into subsamples by excluding one unit at a time from a pair sampled within a stratum.

Measure of size

A value of measurement for a unit that determines that unit's probability of selection within a probability proportional to size (PSS) sampling scheme.

Multistage sample design

A sample design that uses more than one stage of sampling. The NAEP 2005 sample design, for example, uses two stages of sampling: (1) a sample of schools from across the nation, and (2) a sample of students within each sampled school.

NAEP

National Assessment of Education Progress. A federally funded, ongoing, periodic assessment of educational achievement in the various subject areas and disciplines taught in the nation's schools. It was developed by NCES.

NAEP data file

A HSTS data file that contains proficiency estimates (also described as plausible values) and sampling weights for each student who participated in the NAEP 2005 mathematics and science assessments. These files contain NAEP scores for the 2005 high school graduates who participated in both the transcript study and either the NAEP mathematics or science assessment. All students listed in the NAEP data file also appear in the student file.

NAEP ID

The 10-digit NAEP assessment booklet number used as an HSTS student ID number for students in schools fully linked to the NAEP assessment.

NAEP-linked	A reference to students or schools that maintained their unique NAEP ID or school ID.
NCES	National Center for Education Statistics. The primary federal entity for collecting, analyzing, and reporting data related to education in the United States.
NELS:88	National Education Longitudinal Study of 1988. A major longitudinal effort designed to provide trend data about critical transitions experienced by students as they leave middle school or junior high school, and progress through high school and into postsecondary institutions or the work force. It started as a nationally representative sample survey of 8 th -graders in 1988, with follow-up surveys in the years 1990, 1992, 1994, and 2000.
NSLP	National School Lunch Program. A program providing free or reduced-priced school meals to children from households meeting federal income guidelines.
Percentage	A relative measure of how often the value(s) of a variable appears within a category as compared to all values of that variable.
Poststratification	An estimation method that adjusts the sampling weights so that they add to specified population totals corresponding to the levels of a particular response variable.
Probability proportional to size sampling	A sampling method in which the probability of selecting a unit is directly proportional to the unit's size. In NAEP, schools are selected with probabilities proportionate to estimated grade enrollment.
Probability sample	A sample drawn from a population using a random mechanism so that every element of the population has a known chance of ending up in the sample.
Proportionate sampling	A variation of stratified random sampling. Proportionate sampling strategies begin by stratifying the population into relevant subgroups and then random sampling within each subgroup. The number of participants from each subgroup is equal to their proportion in the population.

PSU	Primary sampling unit that served as the first stage in the NAEP multistage sample for previous high school transcript studies. For HSTS 2005, however, the school sample served as the first stage.
Replicate estimate	An estimate of the population quantity based on the replicate subsample using the same estimation methods used to compute the full sample estimate.
Replicate sample	A sample derived by deleting a subsample of the originally observed sample where the subsampling procedure depends on the replicate method.
Replicate weight	The weight assigned to an observation for a particular replicate subsample.
Replicates	A term often used to refer to either the replicate sample or the replicate estimate, depending on context.
Replication method	A method of drawing a replicate subsample and weighting the observations that includes balanced repeated replication, jackknife replication, and bootstrap replication.
Response	A possible value, or set of possible values, for a catalog variable, as defined by the Electronic Codebook (ECB) software. For continuous variables, which have an infinite set of possible values, a category will list a range of values. For discrete variables, which have a finite set of possible values, a category most likely will represent a single value, but it can also represent a range of values.
Sample	A subset of a population whose characteristics are studied to gain information about the entire population. NAEP assesses a representative sample of students each year, rather than the entire population of students.
Sampling error	The standard deviation of the estimate, used to measure the precision of the estimate.
Sampling frame	The full list of possible units from which the sample is selected.
School base weight	The initial weight given to a school for sampling purposes. It is the inverse of the school's probability of selection.

School file	An HSTS data file providing detailed information on the schools from which students were sampled. Where available, it includes data taken from the NAEP School Questionnaire.
School Questionnaire	A survey form that collects information about school, teacher, and home factors that might relate to student achievement. It was completed by a school official (usually the principal) as part of NAEP for the NAEP participating schools.
SD/LEP file	An HSTS data file that provides detailed information on students with disabilities and/or English language learners (formerly known as students with limited English proficiency).
SD/LEP Questionnaire	Formerly known as the Individualized Education Plan/Limited English Proficiency (IEP/LEP) Questionnaire, this survey form includes information collected from school staff about students with disabilities and students with limited English proficiency. The SD/LEP Questionnaire was completed for students sampled for NAEP and identified by the school as having a disability and/or limited English proficiency. Schools were asked to have the person most knowledgeable about a student complete the questionnaire. In large schools, this person was typically a counselor, a special education teacher, or a teacher of English as a Second Language. In smaller schools, this person was typically a classroom teacher.
Secondary School Taxonomy	The framework initially used by HSTS for analyzing transcript data. The taxonomy divides high school coursework into three distinct curricula: Academic, Vocational, and Personal/Other. Academic curricula include six course subjects: mathematics, science, English, social studies, fine arts, and foreign languages. Vocational curricula include three course subjects: consumer and homemaking education, general labor market preparation, and specific labor market preparation. Personal/Other curricula include five course subjects: general skills, personal health and physical education, religion, military science, and all other courses. HSTS added two additional course subjects: computer-related studies (under Academic) and special education (under Personal/Other).

Serpentine sorting	A method of sorting in which records are ordered in an alternating ascending and descending pattern, so that any two consecutive records in the sorted file are more similar with respect to their values of the sort variables than in traditional sorting. This technique reduces the estimates of variance when replication methods, such as the jackknife method, are used.
Session type	A designation that indicates which NAEP subject or subjects were assessed during the given session.
SIF	School Information Form. The SIF was completed by the field worker or a school staff member or sometimes by both. The completed SIF contained information about the school in general, about sources of information within the school (if needed to complete HSTS data collection), about the course description materials, about graduation requirements and grading practices at the school, and about the format of the school's transcripts.
Sort variable	A variable within a data file that is used to sort the data file. For the NAEP school sample, before the sample was selected, a school-level characteristic was used to sort the schools, one that was continuous in nature. Pass/fail or correct/incorrect indicators are not effective sort variables because they include only two categories.
Stub	A CSSC category. With 2,286 codes in the CSSC, it is neither practical nor desirable to include estimates of each possible code in each of the tables. Instead, it is often more useful to analyze the courses in larger groups such as English, social studies, mathematics, or science. There are 16 main stubs that represent each subject area category represented by the Secondary School Taxonomy. As there is also interest in finer divisions of these groups (e.g., biology, chemistry, and physics within science), along with combinations of core curricula credits, there are 86 additional stubs that provide more specific course categories.
Student file	An HSTS data file providing demographic information on all students in the study, as well as summaries of their coursetaking histories, derived measures of academic achievement, and sampling weights.
Student ID number	A 10-digit ID number used to track students in HSTS. For schools fully linked to NAEP, this number matches the NAEP assessment booklet number. For students in

schools where the link to NAEP was lost and for students in schools that did not participate in NAEP, this is a unique 10-digit number beginning with 990.

Summary Report

An HSTS report providing tables summarizing the coursetaking patterns of 2005 high school graduates and comparing them to those of their counterparts in 1990, 1994, 1998, and 2000. The report also provides tables describing the relationship of the coursetaking patterns of 2005 high school graduates to their proficiencies in mathematics and science as measured by the 2005 National Assessment of Educational Progress (NAEP 2005).

Systematic sample

A sample selected by a systematic method. It is also called an Nth name selection technique. After the required sample size has been calculated, every Nth record is selected from a list of population members.

Systematic equal probability sample

A systematic sample where each unit has an equal probability of being selected.

Taxonomy

The classification of items into larger categories. In HSTS, the items are specific secondary school courses (e.g., composition, first-year algebra, Advanced Placement biology, American government) that are classified into 16 course subject categories, as organized according to the Secondary School Taxonomy, based on course content and level.

Tests and Honors file

An HSTS data file providing a list of honors and standardized test results, including SAT and ACT scores, that were found on the transcripts.

Transcript

A student's secondary school record containing courses taken, grades, graduation status, and attendance. In addition, it often includes assessments such as PSAT, SAT, ACT, and honors.

Transcript file

An HSTS data file providing a complete list of all courses appearing on the transcripts of students sampled in the study.

TRF

Transcript Request Form. For each school, the field worker was given a TRF. In addition to the ID, it contained columns for entering graduation status (Exit Status) and the student's gender, birth month and year, race/ethnicity, SD status, LEP status, Title 1 services

receipt, and National School Lunch Program participation. The TRF was used in the data entry, verification, quality control, and other stages of the study. There are two versions of the form, one used for schools with a link to NAEP (Version 1) and one for non-NAEP participating schools (Version 2).

Two-stage probability-based sample

A sample design that uses two stages of sampling. The NAEP 2005 national sample was a two-stage probability-based sample. The schools were the first-stage sampling units selected with probability proportional to a measure of size based on the estimated grade-specific enrollment in the schools. The second stage involved selection of students within schools and their assignment to session types.

Type of location

A field attached to each school that defines the type of locality of the school's community. Its values include large city, medium-sized city, urban fringe of large city, urban fringe of medium-sized city, large town, small town, and rural.

User's Guide and Technical Report

A document detailing procedures used to collect and summarize the data. It also provides information needed to use all publicly released data files produced by the study.

Vocational course

A school course that provides students with the academic and technical knowledge and skills needed for further education and/or careers requiring less than a bachelor's degree. At the high school level, vocational courses include courses in consumer and homemaking education, general labor market preparation, and specific labor market preparation.

Weighted frequency

The number of times the value(s) of a variable appears within a catalog, as defined by the weights assigned to the data file records.

Weighted percentage

A relative measure of how often the value(s) of a variable appears within a catalog as compared to all values of that variable, as defined by the weights assigned to the data file records.

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