

*National Longitudinal Study of  
Adolescent Health*

*Wave III  
Education Data  
Student-Level Curriculum Component:  
Math and Science Textbook Study*

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**WAVE III EDUCATION DATA**  
**STUDENT-LEVEL CURRICULUM COMPONENT**  
***MATH AND SCIENCE TEXTBOOK STUDY***

**I. INTRODUCTION**

***A. Component Description***

**1. Overview**

The Curriculum Component of AHAA provides relatively fine-grained indicators of probable curriculum exposure in math and science courses taken by AHAA participants. These indicators are derived from detailed coding of textbooks that schools reported using in each course offered in these two subjects. The textbook coding is based on curriculum frameworks developed for the Third International Math and Science Study (TIMSS), from which summary measures were created for the topics covered (content) and the types of tasks students were asked to do with this topical information (performance expectations). When matched to students using courses listed on their transcripts, these textbook summary measures provide stochastic estimates of the quantity and quality of the curriculum exposure students received in their math and science coursework. These curriculum measures were created independent of course titles and school catalog descriptions; thus comparisons can be made of curricular content and quality across students' courses in math and/or science for a given year or overall during high school.

Analysts interested in learning more about foundational work on the impact of curriculum on student academic outcomes, and about published work and other research-related activities using AHAA curriculum data, should access the AHAA website, <http://www.prc.utexas.edu/ahaa/>. This website also lists published materials supporting the use of textbook-based analyses as an effective means of capturing information about students' curricular exposure.

Aspects of the Curriculum Component, such as the coding of math and science textbooks, were funded by a grant from the National Science Foundation (NSF) under grant REC-0126167 to the Population Research Center, University of Texas at Austin; Chandra Muller and Pedro Reyes (Co-PI).

**2. Conceptual and Methodological Underpinnings**

The Student-Level Curriculum Component of AHAA is focused on math and science coursework because these subjects play critical gate-keeping roles in adolescents' academic careers, and are directly relevant to the main emphasis of Add Health. Most schools require students to take at least some core math and science coursework in order to graduate (e.g., Algebra I, general biology). However, general course descriptions listed in school catalogs often mask dramatic differences in the specific topics included, scope of coverage, and performance expectations across similarly titled courses. The AHAA curriculum measures are designed to enable identification of critical differences

in the content of similarly titled math and science courses, making possible comparisons of students' curricular exposure in these subjects within and across participating schools. These measures can also be used to assess the impact of students' exposure to math and science curriculum on their academic achievement (e.g., progression through the math and science pipelines, scores on college entrance exams), as well as on their non-academic experiences including their health-related behaviors and outcomes.

The AHAA Student-Level Curriculum Component builds on TIMSS and the Longitudinal Study of American Youth (LSAY), both also funded by NSF. The essence of textbook content was captured using techniques and frameworks developed for the curriculum components of these two studies. The core of the coding techniques is a framework describing math and science content along two major dimensions: the topics covered and what students are expected to do with specific topical knowledge. This framework was first applied in TIMSS and vetted across approximately 50 nations as a means of testing its potential for characterizing math content worldwide. The TIMSS coding process involved mapping textbook content onto this framework, resulting in a textbook profile. The procedure used to code textbooks for AHAA and LSAY was modified from the extensive TIMSS coding system. This modified system involved the coding of only chapter review questions and exercises, and reduced coding time from 250 hours to 10-15 hours per textbook.

Based on the modified textbook coding system adopted for AHAA, a variety of measures were constructed which capture different dimensions of potential curriculum exposure. The most basic of these are estimates of the amount of instructional material addressing a particular topic or contained in a textbook overall. The other measures reflect differences in content related to the complexity of topics and/or the degree of challenge of the tasks students are expected to complete. The complexity of a topic is indicated by the International Grade Placement (IGP) index, which is the weighted average of the grade level at which that topic is typically first introduced, and is the focus of instruction in curriculum around the world. The performance expectations (PE) relate to the review problems in a textbook, and range from routine statements of fact or execution of basic procedures to more challenging tasks such as solving a problem or communicating results. The AHAA Student-Level Curriculum Component measures are described more fully below.

(See the AHAA website for a list of studies documenting the reliability and validity of both the TIMSS and AHAA approaches to textbook coding. References detailing the development and applicability of the IGP and PE constructs for textbook-based analyses of curriculum are also included on this list.)

## ***B. Methods***

### **1. Data Collection**

Textbook lists (including title, authors, publisher, and date of publication) used for mathematics and science courses offered in 2001 were requested by AHAA from all

participating high schools. Special efforts were made to encourage all Add Health high schools and non-Add Health high schools attended by large numbers of participants to provide these lists. Textbook lists were collected from a total of 139 schools. Of these schools, 103 submitted both math and science textbook lists, 22 provided only science textbook lists, and 14 submitted only math textbook lists. The school-level disposition file, eduschol, in the Primary component indicates which schools provided textbook lists.

Requests for textbook lists were frequently made as a follow-up to the transcript collection efforts. School mathematics and science department chairs often needed to be contacted in order to obtain the textbook information. To minimize the burden placed on school staff, and because of the relative stability of math and science course offerings over time and slow turnover rate of textbooks in these subjects, textbook lists were collected for the math and science courses offered by schools in the single academic calendar year 2001–2002.

An identification code was assigned to each textbook based on the publication information provided by schools, with the same code given to editions published within 5 years before or after the modal edition reported by AHAA schools. Although publishers frequently release new editions of textbooks every couple of years, major revisions of their textbooks tend to occur only about every 10 years. Thus, the content of a textbook tends to remain fairly similar across adjacent editions. Identification codes were created for 285 math textbooks and 303 science textbooks.

## **2. File Linking Procedures**

The textbook lists were linked to students' transcripts by matching course titles on schools' booklists to those in their course catalogs. (See the study design document for details about the types of course catalogs submitted by schools, and the procedures used for linking course catalogs to student transcripts). In some cases, schools listed more than one textbook for a course, probably reflecting that they offered multiple sections of the course (such as Algebra I) and allowed teachers to use different textbooks in them or that some teachers even used two textbooks for one course. Because students' transcripts do not allow identification of course sections, available information from all books linked to a given course ID contributed to estimates of potential curriculum for that course.

## **3. Selection and Coding of Textbooks**

The Student-Level Curriculum Component for AHAA incorporates information from textbooks coded for LSAY and an additional set of textbooks coded using the same procedures for AHAA. Due to the labor-intensive nature of the coding and the related costs, the additional textbooks for AHAA were selected for coding with the goal of maximizing the coverage of courses taken by the largest number of students. The coding of textbooks adopted for math and science courses taken by students at Add Health high schools and non-Add Health high schools attended by large numbers of participants was prioritized. Within these schools, coding efforts were focused on textbooks used in core math and science courses. For example, a textbook for a general biology course was

given coding priority over one for a marine biology course. Prioritizing the coding of core math and science courses ensured a high coverage rate of the student sample and compatibility between Curriculum Component and Academic Courses measures. However, textbooks linked to non-core courses taken by a significant number of students were more likely to be coded than textbooks corresponding to courses taken by a few students in only one school. Textbooks used at multiple schools were also given priority over those used at a single school.

The actual coding of textbooks' content and the creation of the curriculum measures for AHAA were procedures carried out independently of indicators of the types of courses in which the books were used. The coding procedures were designed to be low-inference by simply recording the topical and task-oriented content of a book, because schools frequently differ in the courses for which they use the same book (e.g., an "advanced algebra" book might be used by different schools in courses titled Algebra II, Advanced Math, and Pre-Calculus). Textbook coders, who were curriculum experts trained by the U.S. TIMSS National Research Center at Michigan State University (MSU), assigned up to eight topic codes and five performance expectation codes to each review question or exercise (referred to as blocks) for each chapter in a textbook. If a chapter did not have any review questions or exercises, the chapter summary was coded. These codes were aggregated in different ways to create six overall book summary measures as well as four sets of 29 topic-specific indicators. Both sets of measures are described in more detail in Section II: Constructed Curriculum Indicators. These variables reflect the potential exposure to a given subject or topic, assuming the entire book was covered during the course.

For AHAA, the book-level summary indices were standardized to have an average of 1 and a standard deviation of .25 across the coded books for a given subject. This standardization was conducted prior to the merging of the textbook summary measures with information on students' transcripts. The underlying premise of this standardization is that the average book for a given subject is intended to be used for a year-long, or two-semester, course. Books, however, vary dramatically in the amount of content they include, especially when differences in complexity and challenge are incorporated into the summary measures. To some extent, books with less than a year's worth of material reflect intended use in shorter courses (e.g., a semester course) or less demanding courses (e.g., moving at a slower pace). Conversely, books with more material most likely reflect intended suitability for more demanding courses (e.g., moving at a faster pace or covering more challenging material).

In sum, the purpose of the coding and standardization procedures implemented for the Student-Level Curriculum Component of AHAA was to enable the construction of curriculum measures that allow comparisons of students' potential curriculum exposure across different types of courses within the same school, across the same course in different schools, and accumulated across years in high school.

## *C. Summary of Curriculum Indicators and Data Files*

### **1. Basic Structure of Curriculum Indicators**

The Student-Level Curriculum Component measures created for AHAA are designed to allow comparisons of curricular content and quality in either math or science courses taken by students in a given year or overall during high school. Similar to other AHAA component measures (e.g., Academic Courses, Academic Networks, and Linking), the curriculum indicators were aggregated to the student-level to facilitate integration with Add Health survey data.

When information from two or more coded textbooks was available for a single course, the book summary indices computed for these textbooks were averaged as the best proxy measure of that course's potentially implemented curriculum. Similarly, when students had curriculum data for more than one course in a given subject (either math and/or science) in a given year, the values calculated for their corresponding curriculum indicators represent the average of all available curriculum information (i.e., mean unweighted scope of math/science curriculum in the textbooks used in each course taken by a student). The "availability of curriculum information" variables described below allow analysts to determine (1) the total number of math and science courses recorded on student transcripts per year of high school, and cumulatively, and (2) the total number of math and science courses for which we have coded textbook information for each student per year and cumulatively.

All constructed Student-Level Curriculum Component variables are named to indicate the students' course-taking year to which they correspond (i.e., years **1-6**, years **1-4** relating to the standard four years of high school course-taking, and years **5-6** incorporating high school courses taken by those students who remained in high school beyond the typical 4 years. Available curriculum information for students who enrolled in high school course-work beyond 6 years is combined with their year **6** information). Importantly, this standardized year specification enables cross- and within-cohort comparisons, and the linkage of curriculum measures to other AHAA and Add Health indices. (See the analytic advice webpage on the AHAA website, <http://www.prc.utexas.edu/ahaa/descrip/analyticadvice.html>, for constructive information about how to use AHAA measures in conjunction with Add Health survey data). It is important to note that the 'overall' curriculum measures are distinguishable from the year-specific variables because the names assigned to them do not contain a numeric or year designation as the last character.

No year **0** variables were constructed for curriculum measures because of the lack of certainty concerning where students with year **0** information took their courses, and the textbooks used for them. (Year **0** refers to high school-level coursework recorded on student transcripts taken prior to actual high school enrollment.)

## 2. Indicator Overview

The constructed math and science curriculum indicators are divided into two major categories, summary and topic-specific indicators. The summary curriculum indicators consist of (1) two count variables indicating number of courses taken (in either math or science) and number of courses taken for which coded textbook information is available per year (1-6) of high school course-taking and cumulatively; (2) four summary index variables indicating amount of scope: unweighted scope, International Grade Placement (IGP) weighted scope, Performance Expectation (PE) weighted scope, and IGP\*PE weighted scope; and (3) two summary index variables indicating overall complexity or challenge: average IGP weighted by topic frequency and average PE weighted by topic frequency. These six types of summary variables are documented in greater detail in section II below and are located in the two summary subject-specific curriculum data files (edutmsum and edutssum).

The topic-specific curriculum indicators are supplementary to the summary measures and provide information about the amount of textbook content related to one of 29 aggregated topics in a subject, either math or science, for a given index (A, B, C, and D) overall in high school and per year (1-6). For example, the 29 topic-specific math and 29 topic-specific science variables relating to the unweighted scope index are listed first, followed by those relating to the IGP weighted index, and so on. The topic-specific variables are described in section II, following the documentation of the summary measures, and are found in the auxiliary curriculum data files (edutmaux and edutsaux).

## 3. Special Analytical Considerations

In general, Student-Level Curriculum Component measures, while similar and complementary to the Academic Courses variables, are designed for independent use and capture distinct aspects of students' academic experiences. Course sequences and course type variables (two kinds of Academic Courses indicators) reflect students' placement within schools' academic structure and, thus, more directly relate to status factors such as ability level and prior achievement. In contrast, the curriculum variables provide more fine-grained measures of students' likely classroom experiences and, thus, more directly reflect their opportunities to learn complex and challenging material related to math and science.

In addition to conceptual differences, analysts also need to be aware of operational differences between the Curriculum Component and Academic Courses measures. The course sequence variables are based on the highest level math or science course taken in a given year or overall in high school. In contrast, the curriculum measures are averaged over math or science courses, to which coded textbooks were linked, that students took in a given year or overall. Thus, the curriculum measures may include information from courses not directly indicated by the course sequence measures. For example, a student who took Geometry and Algebra II in the same academic year would have curriculum information from both courses (assuming both had coded textbooks) while only the highest course (Algebra II) would be indicated on the course

sequence indicator. Although the Academic Courses' course grade measures are also computed averages, the curriculum measures are calculated on the basis of available coded textbook information and do not necessarily capture information about the same number of courses included in the course grades measures. In both cases, the "count" variables detailed in section II can be used to determine the extent of likely correspondence between the Curriculum Component and Academic Courses measures.

Another operational difference is that the curriculum measures include information from a small number of non-academic courses, such as business math, for which coded textbook information was available. These courses are included because the schools classified them as related to math or science. However, in general, non-academic math and science coursework is not included in the course sequences or other Academic Courses measures relating to these two subjects. (Note that these courses are represented in the *overall* Academic Courses measures which encompass all coursework taken including non-core and non-academic classes.)

#### **4. Curriculum Data File Structure**

The AHAA Student-Level Curriculum Component files contain data for students for whom information from at least one coded textbook was linked to either a math or science course on their transcripts. In order to limit the amount of missing information in these files, we opted to produce four subject-specific curriculum data files, two for math and two for science. Only students with math curriculum information are included in the two math files (edutmsum and edumaux), and only those students with science curriculum information are included in the two science files (edutssum and edutsaux). Students not included in the curriculum files either never enrolled in a course in that subject during high school, did not take a course in that subject in a school providing a textbook list, or never took a course in that subject for which a textbook was coded. Analysts interested in determining which students are included in the curriculum data files (math only, science only, or in both the math and science files) should examine the Primary component student-level disposition file, edustd1.

#### ***D. Organization of Component***

The next sections provide detailed documentation of the summary and topic-specific indicators. These descriptions are followed by a discussion of the conventions used to name Student-Level Curriculum Component indicators, and the missing codes applied to them. A list of available curriculum data files is also presented.

## **II. CONSTRUCTED CURRICULUM INDICATORS**

### ***A. Summary Curriculum Indicators***

#### **1. Section Overview**

The summary curriculum indicators documented below are divided into three groupings. The first of these groupings consists of two count variables indicating the availability of curriculum information. One indicates the total number of math and



science courses listed on student transcripts overall and in each year of high school (1-6), while the second count variable relates to the total number of math and science courses recorded on student transcripts for which coded textbook information is available cumulatively and in each year. The second grouping of indicators comprises the four summary index measures that reflect different estimates of the quantity of instructional material contained in textbooks used in students' courses. The third grouping consists of variables capturing information about the average level of complexity and challenge of textbooks used in students' math and science courses.

It is important to reiterate that the names of the overall measures are distinguishable from the year-specific measures because they do not end in a numeric or time-specifying character.

## 2. Description of Indicators

### i. Availability of Curriculum Information Indicators: Count Variables

The first set of indicators in the Student-Level Curriculum Component files provide information on the number of courses in either math or science that AHAA participants took cumulatively in high school or in a given year, and the number of these courses for which textbook content information is available. The proportion of courses in a given subject used to estimate the potential curriculum exposure can be determined by calculating the ratio of the number of courses with coded textbook information to the number of courses appearing on a student's transcript. For example, coverage of a student's freshman math courses would be determined by dividing **ETMNCBY1** (number of math courses for which there is coded textbook information in year 1) by **ETMNCY1** (number of courses in math year 1 as recorded on student transcripts). The missing value *9991* for these variables indicates that a student did not take a course in that subject in a given year.

#### a. Number of Courses Recorded on Student Transcripts Indicators

*Math:*

##### **ETMNC**

Number of cumulative math courses recorded on student transcripts (sum of years 1-6).

##### **ETMNCY(1-6)**

Number of courses in math per year (1-6) as recorded on student transcripts.

*Science:*

##### **ETSNC**

Number of cumulative science courses listed on student transcripts (sum of years 1-6).

**ETSNCY(1-6)**

Number of science courses per year (1-6) as recorded on student transcripts.

**b. Number of Courses Recorded on Student Transcripts with Coded Textbook Information Indicators**

*Math:*

**ETMNCB**

Number of cumulative math courses for which there is coded textbook information (sum of years 1-6).

**ETMNCBY(1-6)**

Number of math courses for which there is coded textbook information per year (1-6).

*Science:*

**ETSNCB**

Number of cumulative science courses for which there is coded textbook information (sum of years 1-6).

**ETSNCBY(1-6)**

Number of science courses for which there is coded textbook information per year (1-6).

**ii. Summary Index Variables**

The summary index measures were each standardized to have a mean of 1 (roughly equivalent to a year of instructional material) and a standard deviation of .25 (roughly one-half of a semester) prior to merging with students' transcripts. Then, these summary index variables were averaged across the courses with textbook information in a given subject that appeared on a student's transcript in a given year or overall. An estimate of the total potential curriculum exposure overall or per year in high school can be calculated by multiplying a given summary variable by the number of courses in a subject with coded textbook information. For example, a student's total "unweighted scope" as a freshman would be calculated by multiplying **ETMATY1** (unweighted scope in math for year 1) by **ETMNCBY1** (number of math courses for which there is coded textbook information for year 1).

**a. Summary Index A: Unweighted Scope Indicators**

The most basic book-level summary measure, which estimates the scope of curricular material adjusted for the density of material in a textbook, was created in three stages. First, chapter-level estimates of the amount of material relating to a particular

topic were created by multiplying the proportion of blocks in a chapter dealing with a topic by the length of the chapter in pages to estimate the number of “topic pages” devoted to a topic in a given chapter. Second, book-level summaries of topic coverage were created by summing the chapter-level estimates to produce an estimate of the number of “topic pages” in a book dedicated to that topic. Third, an overall estimate of the amount of curricular material in a textbook was created by summing the “topic pages” across topics. Equation 1 shows the process of aggregating coding of the review questions (or “blocks”) across chapters (also known as “units”) and topics. The variable X takes on a value of 1 if a given topic is found in a block and 0 if it is not.

$$Total\ Topic\ Pages = \sum_t \left[ \sum_c \left( \frac{\sum_b X_t}{\#blocks_c} \right) * pages_c \right] \quad (1)$$

For AHAA, the scope variables (**ETSAT** for science and **ETMAT** for math) were produced by standardizing the “total topic pages” across textbooks to have a mean of 1 and a standard deviation of .25 prior to merging with information on students’ transcripts. To create the Student-Level measures, these scope variables were averaged across courses in that subject that appeared on students’ transcripts and for which information from a coded textbook was available.

*Math:*

**ETMAT**

Unweighted scope in math overall (composite indicator of all 165 aggregated math topic categories, summed across all years).

**ETMATY(1-6)**

Unweighted scope in math in each year (**1-6**) (composite indicator of all 165 aggregated math topic categories, in each year of high school course-taking).

*Science:*

**ETSAT**

Unweighted scope in science overall (composite indicator of all 189 aggregated science topic categories, summed across all years).

**ETSATY(1-6)**

Unweighted scope in science in each year (**1-6**) (composite indicator of all 189 aggregated science topic categories, in each year of high school course-taking).

### b. Summary Index B: International Grade Placement (IGP) Weighted Scope Indicators

Summary Index **B** reflects the “complexity” of the topics covered in a book by using the International Grade Placement (IGP) rating as a weight in calculating the curriculum scope in a textbook. Creation of the IGP weighted indicator of scope followed the same procedure as for unweighted scope except for the application of IGP weights (ranging from 1 to 12) in the final summation step. Thus, more complex topics (i.e., have a higher IGP) contribute more to the estimate of curriculum scope. Equation 2 shows the process of aggregating coding of the review questions (or “blocks”) across chapters (also known as “units”) and topics. The variable  $X$  takes on a value of 1 if a given topic is found in a block and 0 if it is not.

$$IGP \text{ Weighted Total Topic Pages} = \sum_t \left[ \sum_c \left( \frac{\sum_b X_t}{\#blocks_c} \right) * pages_c \right] * IGP_t \quad (2)$$

For AHAA, the IGP weighted scope variables (**ETSBT** for science and **ETMBT** for math) were produced by standardizing the “IGP weighted topic pages” variables across textbooks to have a mean of 1 and standard deviation of .25 prior to merging with information on students’ transcripts. To create the student-level measures, these scope variables were averaged across courses in that subject that appeared on students’ transcripts and for which information from a coded textbook was available.

*Math:*

**ETMBT** — IGP weighted scope in math overall.

**ETMBTY(1-6)** — IGP weighted scope in math for each year (1-6).

*Science:*

**ETSBT** — IGP weighted scope in science overall.

**ETSBTY(1-6)** — IGP weighted scope in science for each year (1-6).

### c. Summary Index C: Performance Expectation (PE) Weighted Scope Indicator

Index **C** reflects the level of “challenge” in a textbook by using the performance expectation (PE) ratings to give more weight to material involving critical thinking in the estimation of the scope of a textbook. The calculation of this index was similar to that for unweighted scope except that the indicator for whether a topic appeared in a block was multiplied by the highest PE rating (ranging from 1-5) for that block. Thus, topics in blocks with more challenging material (i.e., have a higher PE) contribute more to the

estimate of curriculum scope. Equation 3 shows the process of aggregating coding of the review questions (or “blocks”) across chapters (also known as “units”) and topics. The variable X takes on a value of 1 if a given topic is found in a block and 0 if it is not.

$$PE \text{ Weighted Total Topic Pages} = \sum_t \left[ \sum_c \left( \frac{\sum_b X_t * PE_b}{\#blocks_c} \right) * pages_c \right] \quad (3)$$

For AHAA, the PE weighted scope variables (**ETSCT** for science and **ETMCT** for math) were produced by standardizing the “PE weighted topic pages” variables across textbooks to have a mean of 1 and a standard deviation of .25 prior to merging with information on students’ transcripts. To create the student-level measures, these scope variables were averaged across courses in that subject that appeared on students’ transcripts and for which information from a coded textbook was available.

*Math:*

**ETMCT** — PE weighted scope in math overall

**ETMCTY(1-6)** — PE weighted scope in math for each year (1-6)

*Science:*

**ETSCT** — PE weighted scope in science overall

**ETSCTY(1-6)** — PE weighted scope in science for each year (1-6)

#### **d. Summary Index D: IGP\*PE Weighted Scope Indicators**

Index **D** reflects both the level of complexity and challenge in a textbook by using both IGP and PE ratings in the estimation of the scope of material contained in that book. The calculation of this index was similar to that for Index **C** (PE weighted scope) except for the application of IGP weights in the final summation step as with Index **B**. Equation 4 shows the process of aggregating coding of the review questions (or “blocks”) across chapters (also known as “units”) and topics. The variable X takes on a value of 1 if a given topic is found in a block and 0 if it is not.

$$IGP * PE \text{ Weighted Total Topic Pages} = \sum_t \left[ \sum_c \left( \frac{\sum_b X_t * PE_b}{N blocks_c} \right) * pages_c \right] * IGP_t \quad (4)$$

For AHAA, the IGP\*PE weighted scope variables (**ETSdT** for science and **ETMDT** for math) were produced by standardizing the “IGP\*PE weighted topic pages” variables across textbooks to have a mean of 1 and standard deviation of .25 prior to

merging with information on students' transcripts. To create the student-level measures, these scope variables were averaged across courses in that subject that appeared on students' transcripts and for which information from a coded textbook was available.

*Math:*

**ETMDT** — IGP\*PE weighted scope in math overall

**ETMDTY(1-6)** — IGP\*PE weighted scope in math for each year (1-6)

*Science:*

**ETSdT** — IGP\*PE weighted scope in science overall

**ETSdTY(1-6)** — IGP\*PE weighted scope in science for each year (1-6)

### **iii. Summary Index Variables — Indicating Level of Complexity or Challenge**

The scope indices **A-D** are designed to measure the amount of potential curriculum exposure, which can be summed across years to estimate total exposure for a particular period of time. Because analysts may be more interested in the general complexity or challenge related to students' courses, we also calculated variables that indicate the average IGP or PE contained in textbooks adopted for students' courses. These variables were created prior to merging with students' transcripts using the unstandardized measures of scope. While comparable across courses and years, these variables cannot be transformed by multiplying them by the course count variables.

#### **a. Average Complexity Indicators**

This variable is an indicator of the average IGP rating of topics in a textbook weighted by the estimated number of pages relating to those topics and indicates the general grade level at which topics in the book are introduced internationally. This variable was calculated by dividing the "IGP weighted total topic pages" by the unweighted scope for a textbook.

*Math:*

**ETMIGP** — average IGP in math overall

**ETMIGPY(1-6)** — average IGP in math for each year (1-6)

*Science:*

**ETSIGP** — average IGP in science overall

**ETSIGPY(1-6)** — average IGP in science for each year (1-6)

## **b. Average Challenge Indicators**

This variable is an indicator of the average performance expectation (PE) rating of exercises in a textbook weighted by the estimated number of pages relating to topics in those blocks and indicates the general challenge related to material presented in a textbook. This variable was calculated by dividing the “PE weighted total topic pages” by the unweighted scope for a textbook.

*Math:*

**ETMPE** — average PE level in math overall

**ETMPEY(1-6)** — average PE level in math for each year (1-6)

*Science:*

**ETSPE** — average PE level in science overall

**ETSPEY(1-6)** — average PE level in science for each year (1-6)

### ***B. Constructed Topic-Specific Curriculum Indicators***

#### **1. Section Overview**

The topic-specific Student-Level Curriculum Component indicators supplement the summary curriculum measures and are organized according to subject (math and science). The topic-specific indicators for each subject are listed numerically from 1-29. These numeric designations correspond to particular aggregations of the 165 math and 189 science topic categories used to code textbooks by experts trained by the U.S. TIMSS National Research Center at MSU.

Two tables were produced, one for math and one for science, which present the variety of topic-specific curriculum indicators available per subject. The first column of both tables lists the general topic heading associated with each number 1-29. The second column, ‘framework codes,’ presents an exhaustive list of all the numeric codes grouped together under each general topic heading (note that these groupings are mutually exclusive). Analysts can determine the exact math and science topic categories these numeric codes refer to by examining the framework code list presented immediately below each table. The remaining columns in the tables show the type of indicators available: unweighted scope, IGP weighted scope, PE weighted scope, and IGP\*PE weighted scope. The following example illustrates how analysts should interpret the table contents and associated framework code list:

Topic #16 in the math table corresponds with the general topic heading ‘discrete math.’ The numeric codes associated with ‘discrete math’ are 1.1.4.1, 1.1.4.5, 1.1.4.5.1,

and 1.1.4.5.2. Examining the accompanying math framework code list shows that 1.1.4.1 = ‘other number bases including binary arithmetic,’ 1.1.4.5 = ‘systematic counting,’ 1.1.4.5.1 = ‘tree diagrams and other informal means of systematic counting,’ and 1.1.4.5.2 = ‘permutations, combinations.’ The next set of columns show that the unweighted scope variable names for math topic #16 are etma16, etma16y1-6, the IGP weighted scope variable names for math topic #16 are etmb16, etmb16y1-6, and so on.

## 2. Description of Indicators

See attached tables and framework code lists at the end of this document.

### III. NAMING CONVENTIONS

#### A. Variable Names and Labels

Curriculum variables were named and labeled according to a standard format:

1. Each variable consists of up to but not exceeding 8 upper-case characters.
2. The initial character of all variables is **E**, serving as a reference to the education component of Add Health (AHAA).
3. The second character of all variables, letter **T**, stands for ‘textbook’ and specifies that each of these variables belongs to the Curriculum Component of the broader Add Health/AHAA data set.
4. The third character included in all curriculum indicators designates the curricular subject. The letter **M** specifies that the indicator pertains to the subject math, and the letter **S** specifies that the indicator relates to science.
5. The fourth character indicates variable type, designating if the variable contains information about one of the index measures **A-D**. For example, the fourth character in all summary index A measures is **A**, the fourth character in all summary index B measures is **B**, and so on.
6. The last two characters of all curriculum variables specify the particular year **Y(1-6)** the variable captures information about. Years **1-4** refer to the standard four years of high school course-taking and years **5-6** incorporate high school courses taken by those students who remained in high school beyond the typical 4 years. Cumulative or overall measure names do not end with numeric characters. Importantly, this naming convention (which mirrors the convention used for Academic Courses variables) allows analysts to match curriculum data to the AHAA Linking variables and Add Health’s Wave I, Wave II, and Wave III survey data.
7. While the variable names consist of eight or fewer characters, the labels assigned to each curriculum variable can contain up to 40 characters including spaces.



## ***B. Data File Names***

Curriculum data file names begin with the prefix edu, followed by the letter t (representing ‘textbook’ and indicating the data file is associated with the Curriculum Component), and conclude with the particular subject the variables correspond with (either math or science). The data file name also specifies if the file contains the summary, or the auxiliary, topic-specific measures.

## **IV. MISSING CODES**

- A. 9991:** Student did not take course in specified subject (math or science) in a given year (this includes students without course-level data in a specified year; analysts can refer to the academic courses component to identify these students). Students who left high school after 4 years of course-taking are assigned the missing value *9991* for corresponding year **5** and year **6** curriculum variables.
- B. 9992:** Student took courses in specified subject (math or science) in a given year, but curriculum information is not available for any of these courses.

Missing codes are not applicable for overall/cumulative measures. Because only students with math or science curriculum information are included in the math or science data files, all students in the data file will have valid values for cumulative measures.

## **V. DATA FILE INVENTORY**

Only students with math curriculum information are included in the math files. Likewise, only students with science curriculum information are included in the science data files.

### ***A. Math Files***

1. edutmsum — data file for the six types of summary variables pertaining to math
2. edutmaux — data file for the auxiliary topic-specific variables pertaining to math

### ***B. Science Files***

1. edutssum — data file for the six types of summary variables pertaining to science
2. edutsaux — data file for the auxiliary topic-specific variables pertaining to science

## VI. QUICK REFERENCE GUIDE

### *A. Math Summary Curriculum Indicators*

<b>ETMNC</b>	Number of cumulative math courses recorded on student transcripts (sum of years <b>1-6</b> ).
<b>ETMNCY(1-6)</b>	Number of courses in math per year ( <b>1-6</b> ) as recorded on student transcripts.
<b>ETMNCB</b>	Number of cumulative math courses for which there is coded textbook information (sum of years <b>1-6</b> ).
<b>ETMNCBY(1-6)</b>	Number of math courses for which there is coded textbook information per year ( <b>1-6</b> ).
<b>ETMAT</b>	Unweighted scope in math overall (composite indicator of all 165 math topic categories, summed across all years).
<b>ETMATY(1-6)</b>	Unweighted scope in math for each year ( <b>1-6</b> ) (composite indicator of all 165 aggregated math topic categories, in each year of high school course-taking).
<b>ETMBT</b>	IGP weighted scope in math overall.
<b>ETMBTY(1-6)</b>	IGP weighted scope in math for each year ( <b>1-6</b> ).
<b>ETMCT</b>	PE weighted scope in math overall.
<b>ETMCTY(1-6)</b>	PE weighted scope in math for each year ( <b>1-6</b> ).
<b>ETMDT</b>	IGP*PE weighted scope in math overall.
<b>ETMDTY(1-6)</b>	IGP*PE weighted scope in math for each year ( <b>1-6</b> ).
<b>ETMIGP</b>	Average IGP in math overall.
<b>ETMIGPY(1-6)</b>	Average IGP in math for each year ( <b>1-6</b> ).
<b>ETMPE</b>	Average PE level in math overall.
<b>ETMPEY(1-6)</b>	Average PE level in math for each year ( <b>1-6</b> ) .

***B. Science Summary Curriculum Indicators***

<b>ETSNC</b>	Number of cumulative science courses listed on student transcripts (sum of years <b>1-6</b> ).
<b>ETSNCY(1-6)</b>	Number of science courses per year ( <b>1-6</b> ) as recorded on student transcripts.
<b>ETSNCB</b>	Number of cumulative science courses for which there is coded textbook information (sum of years <b>1-6</b> ).
<b>ETSNCBY(1-6)</b>	Number of science courses for which there is coded textbook information per year ( <b>1-6</b> ).
<b>ETSAT</b>	Unweighted scope in science overall (composite indicator of all 189 aggregated science topic categories, summed across all years).
<b>ETSATY(1-6)</b>	Unweighted scope in science in each year ( <b>1-6</b> ) (composite indicator of all 189 aggregated science topic categories, in each year of high school course-taking).
<b>ETSBT</b>	IGP weighted scope in science overall.
<b>ETSBTY(1-6)</b>	IGP weighted scope in science for each year ( <b>1-6</b> ).
<b>ETSCT</b>	PE weighted scope in science overall.
<b>ETSCTY(1-6)</b>	PE weighted scope in science for each year ( <b>1-6</b> ).
<b>ETSdT</b>	IGP*PE weighted scope in science overall.
<b>ETSdTY(1-6)</b>	IGP*PE weighted scope in science for each year ( <b>1-6</b> ).
<b>ETSIGP</b>	Average IGP in science overall.
<b>ETSIGPY(1-6)</b>	Average IGP in science for each year ( <b>1-6</b> ).
<b>ETSPE</b>	Average PE level in science overall.
<b>ETSPEY(1-6)</b>	Average PE level in science for each year ( <b>1-6</b> ).

***C. Constructed Math Topic-Specific Curriculum Indicators***

See Table 1.

***D. Constructed Science Topic-Specific Curriculum Indicators***

See Table 2.

Topic	Framework codes	Variables			
		Unweighted Scope	IGP weighted scope	PE weighted scope	IGP*PE weighted scope
1 Algebra; pre-equation	1.6, 1.6.1, 1.6.2, 1.6.2.1, 1.6.2.2	etma1, etma1y1-6	etmb1, etmb1y1-6	etmc1, etmc1y1-6	etmd1, etmd1y1-6
2 Algebra; basic equation	1.6.2.3, 1.6.2.4, 1.6.2.8, 1.6.2.11	etma2, etma2y1-6	etmb2, etmb2y1-6	etmc2, etmc2y1-6	etmd2, etmd2y1-6
3 Algebra; advanced equation	1.6.2.5, 1.6.2.6, 1.6.2.7, 1.6.2.9, 1.6.2.10, 1.6.2.12	etma3, etma3y1-6	etmb3, etmb3y1-6	etmc3, etmc3y1-6	etmd3, etmd3y1-6
4 Algebra; number patterns	1.6.1.1	etma4, etma4y1-6	etmb4, etmb4y1-6	etmc4, etmc4y1-6	etmd4, etmd4y1-6
5 Algebra; basic function	1.6.1.2, 1.6.1.3, 1.6.1.4, 1.6.1.8	etma5, etma5y1-6	etmb5, etmb5y1-6	etmc5, etmc5y1-6	etmd5, etmd5y1-6
6 Algebra; advanced function	1.6.1.5, 1.6.1.6, 1.6.1.7	etma6, etma6y1-6	etmb6, etmb6y1-6	etmc6, etmc6y1-6	etmd6, etmd6y1-6
7 Algebra; basic number	1.1.3.1, 1.1.3.1.1, 1.1.3.1.2, 1.1.3.1.3, 1.1.3.2, 1.1.3.2.1, 1.1.3.2.2, 1.1.3.2.3	etma7, etma7y1-6	etmb7, etmb7y1-6	etmc7, etmc7y1-6	etmd7, etmd7y1-6
8 Algebra; advanced number	1.1.3.3, 1.1.3.3.1, 1.1.3.3.2, 1.1.3.3.3, 1.1.4.2, 1.1.4.2.1, 1.1.4.2.2, 1.1.4.2.3, 1.1.4.2.4, 1.1.4.3, 1.1.4.3.1, 1.1.4.3.2, 1.1.4.3.3	etma8, etma8y1-6	etmb8, etmb8y1-6	etmc8, etmc8y1-6	etmd8, etmd8y1-6
9 Geometry; 2-D	1.3, 1.3.2, 1.3.3	etma9, etma9y1-6	etmb9, etmb9y1-6	etmc9, etmc9y1-6	etmd9, etmd9y1-6
10 Geometry; points, lines, shapes in their perimeters, areas and volume	1.3.4	etma10, etma10y1-6	etmb10, etmb10y1-6	etmc10, etmc10y1-6	etmd10, etmd10y1-6
11 Geometry; conic sections and their equations, and equations for lines and planes	1.3.1, 1.5.3.1	etma11, etma11y1-6	etmb11, etmb11y1-6	etmc11, etmc11y1-6	etmd11, etmd11y1-6
12 Geometry; transformation, congruence and similarity	1.3.5, 1.3.6, 1.4, 1.4.1, 1.4.2, 1.4.3	etma12, etma12y1-6	etmb12, etmb12y1-6	etmc12, etmc12y1-6	etmd12, etmd12y1-6
13 Numbers and arithmetic; whole numbers	1.1, 1.1.1, 1.1.1.1, 1.1.1.2, 1.1.1.3	etma13, etma13y1-6	etmb13, etmb13y1-6	etmc13, etmc13y1-6	etmd13, etmd13y1-6
14 Fractions	1.1.2, 1.1.2.1, 1.1.2.2, 1.1.2.3, 1.1.2.4, 1.1.2.5	etma14, etma14y1-6	etmb14, etmb14y1-6	etmc14, etmc14y1-6	etmd14, etmd14y1-6
15 Number theory	1.1.4.4, 1.1.4.4.1, 1.1.4.4.2	etma15, etma15y1-6	etmb15, etmb15y1-6	etmc15, etmc15y1-6	etmd15, etmd15y1-6
16 Discrete math	1.1.4.1, 1.1.4.5, 1.1.4.5.1, 1.1.4.5.2	etma16, etma16y1-6	etmb16, etmb16y1-6	etmc16, etmc16y1-6	etmd16, etmd16y1-6
17 Estimation	1.1.5, 1.1.5.1, 1.1.5.2, 1.1.5.3, 1.1.5.4	etma17, etma17y1-6	etmb17, etmb17y1-6	etmc17, etmc17y1-6	etmd17, etmd17y1-6
18 Measurement	1.2, 1.2.1, 1.2.3	etma18, etma18y1-6	etmb18, etmb18y1-6	etmc18, etmc18y1-6	etmd18, etmd18y1-6
19 Perimeter, area, and volume	1.2.2	etma19, etma19y1-6	etmb19, etmb19y1-6	etmc19, etmc19y1-6	etmd19, etmd19y1-6
20 Probability; proportionality concepts	1.5, 1.5.1	etma20, etma20y1-6	etmb20, etmb20y1-6	etmc20, etmc20y1-6	etmd20, etmd20y1-6
21 Probability; proportionality problems	1.5.2	etma21, etma21y1-6	etmb21, etmb21y1-6	etmc21, etmc21y1-6	etmd21, etmd21y1-6
22 Probability; linear interpolation and extrapolation	1.5.4	etma22, etma22y1-6	etmb22, etmb22y1-6	etmc22, etmc22y1-6	etmd22, etmd22y1-6
23 Trigonometry	1.5.3, 1.5.3.2	etma23, etma23y1-6	etmb23, etmb23y1-6	etmc23, etmc23y1-6	etmd23, etmd23y1-6
24 Statistics; data representation and analysis	1.7, 1.7.1, 1.7.1.1, 1.7.1.2, 1.7.1.3, 1.7.1.4, 1.7.1.5, 1.7.1.6, 1.7.1.7, 1.7.1.8, 1.7.1.9, 1.7.1.10, 1.7.1.11	etma24, etma24y1-6	etmb24, etmb24y1-6	etmc24, etmc24y1-6	etmd24, etmd24y1-6
25 Statistics; uncertainty and probability	1.7.2, 1.7.2.1, 1.7.2.2, 1.7.2.3, 1.7.2.4, 1.7.2.5, 1.7.2.6, 1.7.2.7, 1.7.2.8, 1.7.2.9, 1.7.2.10, 1.7.2.11, 1.7.2.12, 1.7.2.13, 1.7.2.14, 1.7.2.15, 1.7.2.16, 1.7.2.17	etma25, etma25y1-6	etmb25, etmb25y1-6	etmc25, etmc25y1-6	etmd25, etmd25y1-6
26 Calculus; infinite process	1.8, 1.8.1, 1.8.1.1, 1.8.1.2, 1.8.1.3, 1.8.1.4, 1.8.1.5, 1.8.1.6, 1.8.1.7	etma26, etma26y1-6	etmb26, etmb26y1-6	etmc26, etmc26y1-6	etmd26, etmd26y1-6
27 Calculus; change	1.8.2, 1.8.2.1, 1.8.2.2, 1.8.2.3, 1.8.2.4, 1.8.2.5	etma27, etma27y1-6	etmb27, etmb27y1-6	etmc27, etmc27y1-6	etmd27, etmd27y1-6
28 Validation and structuring	1.9, 1.9.1, 1.9.1.1, 1.9.1.2, 1.9.1.3, 1.9.1.4, 1.9.1.5, 1.9.1.6, 1.9.1.7, 1.9.1.8, 1.9.1.9, 1.9.2, 1.9.2.1, 1.9.2.2, 1.9.2.3, 1.9.2.4, 1.9.2.5, 1.9.2.6, 1.9.2.7, 1.9.2.8, 1.1.3, 1.1.4, 1.1.10, 1.1.10.1, 1.1.10.2, 1.1.10.3, 1.1.10.4, 1.1.10.5, 1.1.10.6	etma28, etma28y1-6	etmb28, etmb28y1-6	etmc28, etmc28y1-6	etmd28, etmd28y1-6
29 other topics		etma29, etma29y1-6	etmb29, etmb29y1-6	etmc29, etmc29y1-6	etmd29, etmd29y1-6

## **Table 1.A Math Framework Codes & Descriptions**

1.1	Numbers
1.1.1	Whole Numbers
1.1.1.1	Meaning
1.1.1.2	Operations
1.1.1.3	Properties of operations
1.1.2	Fractions and Decimals
1.1.2.1	Common fractions
1.1.2.2	Decimal fractions
1.1.2.3	Relationship of common and decimal fractions
1.1.2.4	Percentages
1.1.2.5	Properties of common and decimal fractions
1.1.3	Integers, Rational and Real Numbers
1.1.3.1	Negative numbers, integers and their properties
1.1.3.1.1	Concept and properties of integers
1.1.3.1.2	Operations with integers
1.1.3.1.3	Absolute value
1.1.3.2	Rational numbers and their properties
1.1.3.2.1	Concept and properties of rational numbers
1.1.3.2.2	Operations with rational numbers
1.1.3.2.3	Equivalent forms of rational numbers
1.1.3.3	Real numbers, their subsets and properties
1.1.3.3.1	Concept of real numbers and their subsets
1.1.3.3.2	Operations with real numbers and absolute value
1.1.3.3.3	Properties of real numbers
1.1.4	Other Numbers and Number Concepts
1.1.4.1	Other number bases including binary arithmetic
1.1.4.2	Real exponents, roots, radicals, logarithms
1.1.4.2.1	Integer exponents: concept, properties, operations
1.1.4.2.2	Rational exponents: concept, properties, operations
1.1.4.2.3	Roots, radicals and their relation to exponents
1.1.4.2.4	Logarithms: concept, properties, operations
1.1.4.3	Complex numbers and their properties
1.1.4.3.1	Complex numbers (algebraic form): concept, properties, operations
1.1.4.3.2	Alternate forms of complex numbers and their equivalencies (e.g., trigonometric forms)
1.1.4.3.3	Graphing complex numbers and arg and plane
1.1.4.4	(Simple) Number theory
1.1.4.4.1	Primes and factorization, divisibility
1.1.4.4.2	Elementary number theory, etc. (evens, odds)
1.1.4.5	Systematic counting
1.1.4.5.1	Tree diagrams and other informal means of systematic counting
1.1.4.5.2	Permutations, combinations
1.1.5	Estimation and Number Sense

- 1.1.5.1 Estimating quantity and size
- 1.1.5.2 Rounding and significant figures
- 1.1.5.3 Estimating computations
- 1.1.5.4 Exponents and orders of magnitude
- 1.2 Measurement
  - 1.2.1 Units
  - 1.2.2 Perimeter, area, and volume
  - 1.2.3 Estimation and error
- 1.3 Geometry: Position, Visualization, and Shape
  - 1.3.1 Two-dimensional geometry: Coordinate geometry
  - 1.3.2 Two-dimensional geometry: Basics
  - 1.3.3 Two-dimensional geometry: Polygons and circles
  - 1.3.4 Three-dimensional geometry
  - 1.3.5 Vectors
  - 1.3.6 Simple topology
- 1.4 Geometry: Symmetry, Congruence, and Similarity
  - 1.4.1 Transformations
  - 1.4.2 Congruence and similarity
  - 1.4.3 Constructions using straight-edge and compass
- 1.5 Proportionality
  - 1.5.1 Proportionality concepts
  - 1.5.2 Proportionality problems
  - 1.5.3 Slope and trigonometry
    - 1.5.3.1 Slope and gradient
    - 1.5.3.2 Trigonometry of right triangles
  - 1.5.4 Linear interpolation and extrapolation
- 1.6 Functions, Relations, and Equations
  - 1.6.1 Patterns, relations, and functions
    - 1.6.1.1 Number patterns
    - 1.6.1.2 Relations: concepts and properties
    - 1.6.1.3 Functions: concepts and properties
    - 1.6.1.4 Alternate representations of relations and functions
    - 1.6.1.5 Operations on functions
    - 1.6.1.6 Inverse functions
    - 1.6.1.7 Relationship of functions and equations
    - 1.6.1.8 Families of functions: properties, graphs and interpretations
  - 1.6.2 Equations and formulas
    - 1.6.2.1 Representation of numerical situations by equations
    - 1.6.2.2 Concept of variables
    - 1.6.2.3 Algebraic expressions: concepts, operations, equivalencies (including factoring, simplifying)
    - 1.6.2.4 Linear equations: solutions procedures and graphing
    - 1.6.2.5 Quadratic equations (including completing the square, the Quadratic Formula, other solutions procedures)
    - 1.6.2.6 Solving more complex equations (including polynomial, trigonometric, logarithmic, and exponential equations)

- 1.6.2.7 Reducing equations to alternate forms (quadratics, radical equations, absolute value) and other solutions
- 1.6.2.8 Inequalities: concept, properties, graphs
- 1.6.2.9 Systems of equations (including matrix solutions)
- 1.6.2.10 Systems of inequalities: solutions and graphs
- 1.6.2.11 Working with formulas (rearrangement and substitution)
- 1.6.2.12 Conic sections and the general second degree equation
- 1.7 Data Representation, Probability, and Statistics
  - 1.7.1 Data representation and analysis
    - 1.7.1.1 Collecting data from experiments and simple surveys
    - 1.7.1.2 Representing data
    - 1.7.1.3 Interpreting tables, charts, plots and graphs
    - 1.7.1.4 Kinds of scales (nominal, ordinal, interval, ratio)
    - 1.7.1.5 Measures of central tendency
    - 1.7.1.6 Measures of dispersion
    - 1.7.1.7 Sampling, randomness and bias
    - 1.7.1.8 Prediction and inferences from data
    - 1.7.1.9 Fitting lines and curves to data
    - 1.7.1.10 Correlations and other measures of relations
    - 1.7.1.11 Use and misuse of statistics
  - 1.7.2 Uncertainty and probability
    - 1.7.2.1 Informal likelihoods and the vocabulary of likelihoods
    - 1.7.2.2 Numerical probability and probability models
    - 1.7.2.3 Counting principles
    - 1.7.2.4 Mutually exclusive events
    - 1.7.2.5 Conditional probability and independent events
    - 1.7.2.6 Bayes' Theorem
    - 1.7.2.7 Contingency tables
    - 1.7.2.8 Probability distributions for discrete random variables
    - 1.7.2.9 Probability distributions for continuous random variables
    - 1.7.2.10 Expectation and the algebra of expectations
    - 1.7.2.11 Sampling
    - 1.7.2.12 Estimation of population parameters
    - 1.7.2.13 Hypothesis testing
    - 1.7.2.14 Confidence intervals
    - 1.7.2.15 Bivariate distributions
    - 1.7.2.16 Markov processes
    - 1.7.2.17 Monte Carlo methods and computer simulations
- 1.8 Elementary Analysis
  - 1.8.1 Infinite processes
    - 1.8.1.1 Arithmetic and geometric sequences
    - 1.8.1.2 Arithmetic and geometric series
    - 1.8.1.3 Binomial Theorem
    - 1.8.1.4 Other sequences and series
    - 1.8.1.5 Limits and convergence of series
    - 1.8.1.6 Limits and convergence of functions

- 1.8.1.7 Continuity
- 1.8.2 Change
  - 1.8.2.1 Growth and decay
  - 1.8.2.2 Differentiation
  - 1.8.2.3 Integration
  - 1.8.2.4 Differential equations
  - 1.8.2.5 Partial differentiation
- 1.9 Validation and Structure
  - 1.9.1 Validation and justification
    - 1.9.1.1 Logical connectives
    - 1.9.1.2 Quantifiers ("for all," "there exists")
    - 1.9.1.3 Boolean algebra and truth tables
    - 1.9.1.4 Conditional statements; equivalence of statements (including converse, contrapositive, and inverse)
    - 1.9.1.5 Inference schemes (e.g., modus ponens, modus tollens)
    - 1.9.1.6 Direct deductive proofs
    - 1.9.1.7 Indirect proofs and proof by contradiction
    - 1.9.1.8 Proof by mathematical induction
    - 1.9.1.9 Consistency and independence of axiom systems
  - 1.9.2 Structuring and abstracting
    - 1.9.2.1 Sets, set notation and set combinations
    - 1.9.2.2 Equivalence relations, partitions and classes
    - 1.9.2.3 Groups
    - 1.9.2.4 Fields
    - 1.9.2.5 Linear (vector) spaces
    - 1.9.2.6 Subgroups, subspaces, etc.
    - 1.9.2.7 Other axiomatic systems (e.g. finite geometries)
    - 1.9.2.8 Isomorphism
    - 1.9.2.9 Homomorphism
- 1.10 Other Content
  - 1.10.1 Informatics (operation of computers, flow charts, learning)
  - 1.10.2 History and nature of mathematics
  - 1.10.3 Special applications of mathematics (kinematics, Newtonian)
  - 1.10.4 Problem solving heuristics
  - 1.10.5 Non-mathematical science content
  - 1.10.6 Non-mathematical content other than science



Table 2: Indicators of General Topic Content of Science Textbooks

Topic	Framework codes	Variables			
		Unweighted Scope	IGP weighted scope	PE weighted scope	IGPPE weighted scope
1 Earth features	1.1, 1.1.1, 1.1.1.1, 1.1.1.2, 1.1.1.3, 1.1.1.4, 1.1.1.5, 1.1.1.6	etsa1, etsa1y1-6	etsb1, etsb1y1-6	etsc1, etsc1y1-6	etsd1, etsd1y1-6
2 Earth process	1.1.2, 1.1.2.1, 1.1.2.2, 1.1.2.3, 1.1.2.4	etsa2, etsa2y1-6	etsb2, etsb2y1-6	etsc2, etsc2y1-6	etsd2, etsd2y1-6
3 Earth and the universe	1.1.3, 1.1.3.1, 1.1.3.2, 1.1.3.3	etsa3, etsa3y1-6	etsb3, etsb3y1-6	etsc3, etsc3y1-6	etsd3, etsd3y1-6
4 Plants, animals, and their life cycles	1.2, 1.2.1, 1.2.1.1, 1.2.1.1.1, 1.2.1.1.2, 1.2.1.2, 1.2.1.2.1, 1.2.1.2.2, 1.2.1.3, 1.2.3, 1.2.3.1, 1.2.3.1.1, 1.2.3.1.2	etsa4, etsa4y1-6	etsb4, etsb4y1-6	etsc4, etsc4y1-6	etsd4, etsd4y1-6
5 Organs	1.2.1.4, 1.2.1.4.1, 1.2.1.4.2, 1.2.1.4.3	etsa5, etsa5y1-6	etsb5, etsb5y1-6	etsc5, etsc5y1-6	etsd5, etsd5y1-6
6 Biochemistry/microbiology	1.2.1.5, 1.2.1.5.1, 1.2.1.5.2, 1.2.1.5.3, 1.2.2.3, 1.2.3.3, 1.2.3.3.1, 1.2.3.3.2, 1.2.3.5, 1.2.3.5.1, 1.2.3.5.2, 1.2.3.5.3	etsa6, etsa6y1-6	etsb6, etsb6y1-6	etsc6, etsc6y1-6	etsd6, etsd6y1-6
7 Biosystems	1.2.2, 1.2.2.1, 1.2.2.1.1, 1.2.2.1.2, 1.2.2.2, 1.2.2.2.1, 1.2.2.2.2, 1.2.3.2	etsa7, etsa7y1-6	etsb7, etsb7y1-6	etsc7, etsc7y1-6	etsd7, etsd7y1-6
8 Evolution	1.1.3.4, 1.2.3.4, 1.2.3.4.1, 1.2.3.4.2, 1.2.3.4.3	etsa8, etsa8y1-6	etsb8, etsb8y1-6	etsc8, etsc8y1-6	etsd8, etsd8y1-6
9 Environments & ecology	1.2.4, 1.2.4.1, 1.2.4.2, 1.2.4.3, 1.2.4.3.1, 1.2.4.3.2, 1.2.4.4, 1.2.4.4.1, 1.2.4.4.2, 1.2.4.4.3, 1.2.4.5	etsa9, etsa9y1-6	etsb9, etsb9y1-6	etsc9, etsc9y1-6	etsd9, etsd9y1-6
10 Nutrition & disease	1.2.5, 1.2.5.1, 1.2.5.2, 1.2.5.2.1, 1.2.5.2.2	etsa10, etsa10y1-6	etsb10, etsb10y1-6	etsc10, etsc10y1-6	etsd10, etsd10y1-6
11 Matter	1.3, 1.3.1, 1.3.1.1, 1.3.1.1.1, 1.3.1.1.2, 1.3.1.2, 1.3.1.2.1, 1.3.1.2.2	etsa11, etsa11y1-6	etsb11, etsb11y1-6	etsc11, etsc11y1-6	etsd11, etsd11y1-6
12 Chemical properties	1.3.1.3, 1.3.1.3.1, 1.3.1.3.2, 1.3.1.3.3, 1.3.1.3.4, 1.3.1.3.5, 1.3.5, 1.3.5.1, 1.3.5.1.1, 1.3.5.1.2	etsa12, etsa12y1-6	etsb12, etsb12y1-6	etsc12, etsc12y1-6	etsd12, etsd12y1-6
13 Structure of matter & physical changes	1.3.2, 1.3.2.1, 1.3.2.1.1, 1.3.2.1.2, 1.3.2.1.3, 1.3.2.1.4, 1.3.2.2, 1.3.4, 1.3.4.1, 1.3.4.1.1, 1.3.4.1.2	etsa13, etsa13y1-6	etsb13, etsb13y1-6	etsc13, etsc13y1-6	etsd13, etsd13y1-6
14 Forces, energy, & transformations	1.3.3, 1.3.3.1, 1.3.3.1.1, 1.3.3.1.2, 1.3.3.3, 1.3.3.5.3, 1.3.6, 1.3.6.1, 1.3.6.1.1, 1.3.6.1.2, 1.3.6.1.3, 1.3.6.5	etsa14, etsa14y1-6	etsb14, etsb14y1-6	etsc14, etsc14y1-6	etsd14, etsd14y1-6
15 Light, sound, heat, electricity, & magnetism	1.3.2, 1.3.3.2.1, 1.3.3.2.2, 1.3.3.4, 1.3.3.5, 1.3.3.5.1, 1.3.3.5.2, 1.3.3.6, 1.3.3.6.1, 1.3.3.6.2, 1.3.3.7, 1.3.3.7.1, 1.3.3.7.2	etsa15, etsa15y1-6	etsb15, etsb15y1-6	etsc15, etsc15y1-6	etsd15, etsd15y1-6
16 Matter & transformations of matter	1.3.2.3, 1.3.2.3.1, 1.3.2.3.2, 1.3.2.3.3, 1.3.2.3.4, 1.3.2.3.5, 1.3.4.2, 1.3.4.2.1, 1.3.4.2.2, 1.3.4.3	etsa16, etsa16y1-6	etsb16, etsb16y1-6	etsc16, etsc16y1-6	etsd16, etsd16y1-6
17 Nuclear physics	1.1.3.5, 1.3.4.4, 1.3.4.4.1, 1.3.4.4.2, 1.3.6.4, 1.3.6.4.1, 1.3.6.4.2	etsa17, etsa17y1-6	etsb17, etsb17y1-6	etsc17, etsc17y1-6	etsd17, etsd17y1-6
18 Chemical changes	1.3.5.2, 1.3.5.2.1, 1.3.5.2.2, 1.3.5.2.3, 1.3.5.3, 1.3.5.3.1, 1.3.5.3.2, 1.3.5.4, 1.3.5.4.1, 1.3.5.4.2, 1.3.5.4.3, 1.3.5.5, 1.3.5.5.1, 1.3.5.5.2, 1.3.5.5.3, 1.3.5.5.4, 1.3.5.5.5, 1.3.5.5.6, 1.3.5.5.7	etsa18, etsa18y1-6	etsb18, etsb18y1-6	etsc18, etsc18y1-6	etsd18, etsd18y1-6
19 Motion	1.3.6.2, 1.3.6.2.1, 1.3.6.2.2, 1.3.6.2.3, 1.3.6.3, 1.3.6.3.1, 1.3.6.3.2, 1.4, 1.4.1, 1.4.2, 1.4.2.1, 1.4.2.2, 1.4.3, 1.4.3.1, 1.4.3.2	etsa19, etsa19y1-6	etsb19, etsb19y1-6	etsc19, etsc19y1-6	etsd19, etsd19y1-6
20 Science, technology, & math	1.5	etsa20, etsa20y1-6	etsb20, etsb20y1-6	etsc20, etsc20y1-6	etsd20, etsd20y1-6
21 History of science & technology	1.6, 1.6.1, 1.6.2, 1.6.3, 1.6.4, 1.6.5, 1.6.6	etsa21, etsa21y1-6	etsb21, etsb21y1-6	etsc21, etsc21y1-6	etsd21, etsd21y1-6
22 Environments & resources	1.7, 1.7.1, 1.7.2	etsa22, etsa22y1-6	etsb22, etsb22y1-6	etsc22, etsc22y1-6	etsd22, etsd22y1-6
23 Nature of science	1.8, 1.8.1, 1.8.2	etsa23, etsa23y1-6	etsb23, etsb23y1-6	etsc23, etsc23y1-6	etsd23, etsd23y1-6
24 Science & other disciplines	2.1, 2.1.1, 2.1.2, 2.1.3	etsa24, etsa24y1-6	etsb24, etsb24y1-6	etsc24, etsc24y1-6	etsd24, etsd24y1-6
25 Understanding	2.2, 2.2.1, 2.2.2, 2.2.3	etsa25, etsa25y1-6	etsb25, etsb25y1-6	etsc25, etsc25y1-6	etsd25, etsd25y1-6
26 Analyzing & solving problems	2.3, 2.3.1, 2.3.2, 2.3.3, 2.3.4, 2.3.5	etsa26, etsa26y1-6	etsb26, etsb26y1-6	etsc26, etsc26y1-6	etsd26, etsd26y1-6
27 Using tools & procedures	2.4, 2.4.1, 2.4.2, 2.4.3, 2.4.4, 2.4.5	etsa27, etsa27y1-6	etsb27, etsb27y1-6	etsc27, etsc27y1-6	etsd27, etsd27y1-6
28 Investigating	2.5, 2.5.1, 2.5.2	etsa28, etsa28y1-6	etsb28, etsb28y1-6	etsc28, etsc28y1-6	etsd28, etsd28y1-6
29 Communicating		etsa29, etsa29y1-6	etsb29, etsb29y1-6	etsc29, etsc29y1-6	etsd29, etsd29y1-6

## **Table 2.A Science Framework Codes & Descriptions**

- 1.1 Earth Sciences
  - 1.1.1 Earth Features
    - 1.1.1.1 Earth's composition (earth's crust, mantle, and core; distribution of metals, minerals)
    - 1.1.1.2 Landforms (mountains, valleys, continents)
    - 1.1.1.3 Bodies of water (oceans, lakes, ponds, bottom of ocean, rivers)
    - 1.1.1.4 Atmosphere (layers of atmosphere [ionosphere, stratosphere, etc.])
    - 1.1.1.5 Rocks, soil (soil types, soil formation, pH of soil, minerals, classes of rocks, specific rocks and their uses)
    - 1.1.1.6 Ice forms (glaciers, icebergs, Antarctic)
  - 1.1.2 Earth Processes
    - 1.1.2.1 Weather & climate (weather maps, weather forecasts, hurricanes, seasons of the year)
    - 1.1.2.2 Physical cycles (rock cycle, water cycle); chemical cycles (nitrogen, carbon, carbon dioxide, oxygen, etc.)
    - 1.1.2.3 Building & breaking (plate tectonics, earthquakes, volcanoes, erosion)
    - 1.1.2.4 Earth's history (geologic timetable, formation of fossils, fossil fuels, and mineral resources)
  - 1.1.3 Earth and the Universe
    - 1.1.3.1 Earth, sun, moon in the solar system (earth/sun/moon system, earthshine, eclipses, features of sun and moon, night/day, tides, north/south hemisphere, seasons)
    - 1.1.3.2 Planets in the solar system (planets' features, order of planets in solar system, comets, asteroids)
    - 1.1.3.3 Beyond the solar system (stellar evolution, types and features of stars, black holes, galaxies, active galaxies, quasars, Milky Way, meteors)
    - 1.1.3.4 Evolution of the universe (origin/history/future of universe)
    - 1.1.3.5 Motion and location of celestial bodies (constellations, celestial coordinates, apparent motion of celestial objects, sky maps, planispheres)
- 1.2 Life Sciences
  - 1.2.1 Diversity, Organization, Structure of Living Things
    - 1.2.1.1 Plants, fungi (types)
      - 1.2.1.1.1 Green plants, nonvascular and vascular (algae, mosses, ferns, seed-producers)
      - 1.2.1.1.2 Fungi (molds, yeasts and mushrooms)
    - 1.2.1.2 Animals (types)
      - 1.2.1.2.1 Invertebrates (coelenterates, worms [flat and round], insects, spiders)
      - 1.2.1.2.2 Vertebrates (fishes, amphibians, reptiles, birds, mammals)
    - 1.2.1.3 Other organisms (types of microorganisms — bacteria, viruses, archaea)
    - 1.2.1.4 Systems, organs, tissues
      - 1.2.1.4.1 The complementarity of structure and function
      - 1.2.1.4.2 Systems (circulatory, respiratory, movement)

- 1.2.1.4.3 Organs (plant leaves, roots, eyes, ears), tissues
- 1.2.1.5 Cells
- 1.2.1.5.1 Cell structure (membranes, nucleus, mitochondria, vacuoles) and basic function
- 1.2.1.5.2 Types of cells (animal, plant, microorganism), diversity of cells
- 1.2.1.5.3 Chemistry of cells (enzymes); cell reproduction; cell communication and regulation, cell water relations
- 1.2.2 Life Processes & Systems Enabling Life Functions
- 1.2.2.1 Energy handling, biochemistry of systems
- 1.2.2.1.1 Energy handling (energy capture, storage and transfer, transformation — photosynthesis, respiration, biosynthesis [protein, carbohydrate, fat, etc.]
- 1.2.2.1.2 Biochemistry of systems (e.g., digestive, excretive, nervous)
- 1.2.2.2 Sensing and responding
- 1.2.2.2.1 Biofeedback in systems, homeostasis, sensory systems, responses to stimuli (e.g., nervous system and brain)
- 1.2.2.2.2 Adaptation
- 1.2.2.3 Biochemical processes in cells (regulation of cell functions, translation, metabolism, protein synthesis, enzymes)
- 1.2.3 Life Spirals, Genetic Continuity, Diversity
- 1.2.3.1 Life cycles
- 1.2.3.1.1 Life cycles of plants, insects, etc. (growth, development, aging, death); reproduction, dispersal, succession
- 1.2.3.1.2 Cell division, cell differentiation
- 1.2.3.2 Reproduction (plant/animal reproduction, asexual/sexual reproduction)
- 1.2.3.3 Variation and inheritance
- 1.2.3.3.1 Meiosis, Mendelian/non-Mendelian genetics, molecular genetics, quantitative inheritance
- 1.2.3.3.2 Population genetics, biotechnology and application of genetics
- 1.2.3.4 Evolution, speciation, diversity
- 1.2.3.4.1 Variation as a natural phenomenon, importance of diversity
- 1.2.3.4.2 Evidence for evolution, effects of evolution, processes of evolution (e.g., adaptation, natural selection, extinction); mechanisms of evolution: Darwinism, Lamarckism; implication of the theory of evolution
- 1.2.3.4.3 Nature of species, domestication
- 1.2.3.5 Biochemistry of genetics (concept of the gene)
- 1.2.3.5.1 DNA, the hereditary substance; structure of DNA; replication mechanism DNA → DNA; transformation of DNA replication mechanism DNA → RNA
- 1.2.3.5.2 Gene expression, mutation, the Operon model in bacteria
- 1.2.3.5.3 Genetic engineering
- 1.2.4 Interactions of Living Things
- 1.2.4.1 Biomes & ecosystems (tundra, deserts, rain forest, savannah, wetlands, tide pools)
- 1.2.4.2 Habitats & niches (biotopes, habitats of endangered species, niches of

- species)
- 1.2.4.3 Interdependence of life
  - 1.2.4.3.1 Food webs/chains, adaptations to various habitat conditions
  - 1.2.4.3.2 Competition among organisms, mutual interactions: symbiosis, commensalism, parasitism
- 1.2.4.4 Animal behavior
  - 1.2.4.4.1 Territorialism; social groupings (beehive, herds), mating behavior and selection
  - 1.2.4.4.2 Migration of birds, fishes, butterflies, caribou
  - 1.2.4.4.3 Rearing of young, learned behavior
- 1.2.4.5 Needs of living things (for growth and development)
- 1.2.5 Human Biology & Health
  - 1.2.5.1 Nutrition (foods, vitamins and minerals, etc.; balanced diets)
  - 1.2.5.2 Disease and health
    - 1.2.5.2.1 Prevention of disease, maintaining good health, importance of exercise
    - 1.2.5.2.2 Types and causes of disease, remedies
- 1.3 Physical Sciences
  - 1.3.1 Matter
    - 1.3.1.1 Classification of matter
      - 1.3.1.1.1 Homogeneous and heterogeneous materials, elements, compounds, mixtures
      - 1.3.1.1.2 Solutions, suspensions, colloids
    - 1.3.1.2 Physical properties
      - 1.3.1.2.1 Weight, mass, volume, density, hardness, malleability, shape, color
      - 1.3.1.2.2 States of matter — gases, liquids, solids
    - 1.3.1.3 Chemical properties
      - 1.3.1.3.1 Periodic table
      - 1.3.1.3.2 Acids, bases, salts; pH scale
      - 1.3.1.3.3 Chemical reactivity
      - 1.3.1.3.4 Atomic spectra
      - 1.3.1.3.5 Organic/inorganic
  - 1.3.2 Structure of Matter
    - 1.3.2.1 Atoms, ions, molecules (as the basis for different substances)
      - 1.3.2.1.1 Elementary atomic theory (including atomic mass / atomic number), oxidation state
        - 1.3.2.1.2 Periodicity, metals and nonmetals
        - 1.3.2.1.3 Ionic and covalent compounds
        - 1.3.2.1.4 Formulas, equations, nomenclature; stoichiometry; molecular and formula weight; mole concept
      - 1.3.2.2 Macromolecules, crystals, amorphous (polymers, shape/function of biological molecules, crystal structure, bonding in crystalline solids, glass)
    - 1.3.2.3 Subatomic particles
      - 1.3.2.3.1 Electrons, protons, neutrons
      - 1.3.2.3.2 Isotopes
      - 1.3.2.3.3 Properties of quantum objects; quantum numbers and orbital energies

- 1.3.2.3.4 Electromagnetic radiation and matter
- 1.3.2.3.5 Electron configuration and periodicity
- 1.3.3 Energy & Physical Processes
  - 1.3.3.1 Energy types, conversions, sources
    - 1.3.3.1.1 Work energy and power, efficiency; simple machines
    - 1.3.3.1.2 Energy types (potential and kinetic [in the gravitational field], chemical, nuclear, fossil fuels, hydroelectric), conversions (changing one form of energy to another), sources
  - 1.3.3.2 Heat and temperature (temperature scales, heat as a form of energy, heat versus temperature)
    - 1.3.3.2.1 Heat and energy, changes of state; thermal expansion; kinetic-molecular theory
    - 1.3.3.2.2 Thermal equilibrium [conduction, convection, radiation]; thermodynamics
  - 1.3.3.3 Wave phenomena (wave properties [e.g., frequency, length, velocity], types [e.g., IR, UV], interactions [superposition], movement [simple harmonic, transverse, longitudinal, surface])
  - 1.3.3.4 Sound & vibration (transmission of sound, acoustics, harmonics); including standing waves in strings and pipes, Doppler effect
  - 1.3.3.5 Light
    - 1.3.3.5.1 Reflection, refraction, diffraction (electromagnetic spectrum)
    - 1.3.3.5.2 Optics
    - 1.3.3.5.3 Nature of light, quantum theory of light, intensity, luminosity
  - 1.3.3.6 Electricity
    - 1.3.3.6.1 Electric charge, Coulomb's law, conductors, insulators, static electricity, electrical fields, alternating/direct current
    - 1.3.3.6.2 AC/DC circuits, capacitors, resistors, electronics, semi-conductors
  - 1.3.3.7 Magnetism
    - 1.3.3.7.1 Magnetic materials, fields, forces, properties
    - 1.3.3.7.2 Induction, charges in electric and magnetic fields, electromagnetism
- 1.3.4 Physical Transformations
  - 1.3.4.1 Physical changes
    - 1.3.4.1.1 Changes in states of matter [gases, liquids, solids], gas laws, phase changes and phase diagrams
    - 1.3.4.1.2 Mixing, solutions, colligative properties
  - 1.3.4.2 Explanations of physical changes (general explanations for boiling, freezing, dissolving, etc.)
    - 1.3.4.2.1 Dynamic equilibrium
    - 1.3.4.2.2 Inter-particle forces, dispersion and flocculation of colloids
  - 1.3.4.3 Kinetic-molecular theory (gases, liquids, solids)
  - 1.3.4.4 Quantum theory & fundamental particles (quarks, quasars)
    - 1.3.4.4.1 Quantum nature of light, photoelectric effect
    - 1.3.4.4.2 Line spectra, matter waves, uncertainty principle
- 1.3.5 Chemical Transformations
  - 1.3.5.1 Chemical changes
    - 1.3.5.1.1 Definition of chemical change, evidence of chemical change

- 1.3.5.1.2 Types of reactions (addition/combination [acid-base, ionic], decomposition, substitution, oxidation-reduction [including oxidation state]); coordination chemistry
- 1.3.5.2 Explanations of chemical changes
  - 1.3.5.2.1 Ionization energy, electron affinity, electronegativity
  - 1.3.5.2.2 Ionic and covalent bonding
  - 1.3.5.2.3 Molecular shape; periodic trends of reactivity, electron configurations
- 1.3.5.3 Rate of change and equilibria (reagent concentration, reaction conditions)
  - 1.3.5.3.1 Reaction rates and reaction mechanisms (rate laws, catalysis)
  - 1.3.5.3.2 Equilibrium expressions, dynamic equilibrium
- 1.3.5.4 Energy and chemical change (activation energy)
  - 1.3.5.4.1 Calorimetry, exothermic and endothermic reactions
  - 1.3.5.4.2 First law of thermodynamics, enthalpy
  - 1.3.5.4.3 Second law of thermodynamics, entropy
- 1.3.5.5 Organic & biochemical changes (types of organic compounds [hydrocarbons, organic oxygen & nitrogen compounds], organic reactions [types {addition, substitution} and mechanisms], biochemistry)
- 1.3.5.6 Nuclear chemistry (a and b particles, grays and neutrons, isotopes, mass/energy conversion, mass defect and nuclear binding energy, n/p ratios and nuclear transformations, half-life, fission, fusion, biological effects of radiation)
- 1.3.5.7 Electrochemistry (electrolysis, electrochemical cells/batteries, free energy and cell potentials, practical electrochemistry, corrosion [oxidation-reduction reactions])
- 1.3.6 Forces & Motion
  - 1.3.6.1 Types of forces
    - 1.3.6.1.1 Gravitational, electromagnetic, frictional, centripetal, nuclear
    - 1.3.6.1.2 Static equilibrium
    - 1.3.6.1.3 Pressure
  - 1.3.6.2 Time, space and motion
    - 1.3.6.2.1 Measurement of time, space and mass
    - 1.3.6.2.2 Types of motion (linear, projectile, circular); describing motion (constant velocity, acceleration, momentum)
    - 1.3.6.2.3 Frames of reference for motion
  - 1.3.6.3 Dynamics of motion
    - 1.3.6.3.1 Laws of motion, momentum and collisions
    - 1.3.6.3.2 Balanced and unbalanced forces, buoyancy, action/reaction
  - 1.3.6.4 Relativity theory
    - 1.3.6.4.1 Speed of light; relativistic effects at speeds near the speed of light (time dilation, length contraction, combination velocities)
    - 1.3.6.4.2 Mass/energy / velocity relationship
  - 1.3.6.5 Air / fluid behavior (density, pressure, Archimedes' principle, liquid flow, continuity equation, hydraulics, Bernoulli theorem, pneumatics)
- 1.4 Science, Technology, & Mathematics
  - 1.4.1 Nature or Conceptions of Technology (identifying needs and opportunities,

- generating a design, planning and making, evaluating)
- 1.4.2 Interactions of Science, Mathematics, & Technology
  - 1.4.2.1 Mathematics, technology influence on science (information about contributions of mathematics and technology to development of scientific thought and the practice of science, e.g., new mathematics and technology make it possible for science to investigate)
  - 1.4.2.2 Science applications in mathematics, technology (information about contributions of science to development and practice of mathematics and technology, e.g., development of calculus and classical mechanics, industrial processes, types of simple machines)
- 1.4.3 Interactions of Science, Technology and Society
  - 1.4.3.1 Influence of science, technology on society (social, economic, ethical impacts of scientific and technological advances, e.g., influence of scientific ideas on social thought, such as social Darwinism; effects of computers on lifestyles)
  - 1.4.3.2 Influence of society on science, technology (information about influence of society on the directions and progress of science and technology, e.g., controversies over research in genetic engineering, use of animals in research)
- 1.5 History of Science & Technology (famous scientists, classic experiments, historical development of scientific ideas, industrial revolution, classic inventions)
- 1.6 Environmental & Resource Issues Related to Science
  - 1.6.1 Pollution — Causes and Treatment (acid rain, thermal pollution, global warming, water and sewage treatment)
  - 1.6.2 Land, Water, Sea Resource Conservation (rain forest, old growth forests, water supplies)
  - 1.6.3 Material & Energy Resource Conservation (fossil fuels versus alternative energy sources, recycling [aluminum, plastic, glass])
  - 1.6.4 World Population (population statistics, trends; effects of increasing world population, e.g., world hunger, epidemic diseases)
  - 1.6.5 Food Production, Storage (agricultural methods, food supply and demand, distribution methods)
  - 1.6.6 Effects of Natural Disasters (environmental damages of hurricanes / typhoons, volcanoes, drought)
- 1.7 Nature of Science
  - 1.7.1 Nature of Scientific Knowledge (scientific methods, knowledge subject to verification, knowledge subject to change)
  - 1.7.2 The Scientific Enterprise (canons of ethics and decision making, professional communication, the scientific community, personnel and processes in large-scale research efforts)
- 1.8 Science & Other Disciplines
  - 1.8.1 Science & Mathematics (explicit mathematics instruction in the science curriculum)
  - 1.8.2 Science and Other Disciplines (science curriculum incorporates language arts, social studies, or the arts, e.g., chemistry of painting, using art or music to

- represent or illustrate science concepts, studying the role of science in other cultures, writing)
- 2.1 Understanding
    - 2.1.1 Simple information (information such as vocabulary, facts, equations, simple concepts; examples include defining, describing, naming, quoting, reciting, etc)
    - 2.1.2 Complex information (information involving the integration of bits of simple information; examples include differentiating, comparing, contrasting, synthesizing)
    - 2.1.3 Thematic information (information about concepts with broad applicability that organize and structure knowledge with a discipline or among disciplines; examples include energy, evolution, patterns, change, systems, etc.)
  - 2.2 Theorizing, analyzing, and solving problems
    - 2.2.1 Abstracting and deducing scientific principles (when presented with facts or scientific data or when deducing a scientific principle)
    - 2.2.2 Applying scientific principles to solve quantitative problems (e.g., using physical laws such as  $f = ma$  to solve quantitative problems);
    - 2.2.3 Applying scientific principles to develop explanations (using gas laws to explain changes in gas temperature, pressure, and volume; using ecological principles to predict effect of reducing a population's habitat)
    - 2.2.4 Constructing, interpreting, and applying models (using or creating models that represent systems, objects, events, or ideas; drawing a model of the solar system; making an analogy between human thinking and computer logic)
    - 2.2.5 Making decisions (using scientific skills and knowledge to make decisions regarding personal, local or societal issues)
  - 2.3 Using tools, routine procedures, and science processes
    - 2.3.1 Using apparatus, equipment, and computers (calibrating an eye dropper, reading a meniscus, using pH paper, folding filter paper, preparing a microscope slide, operating a computer, running a computer program)
    - 2.3.2 Conducting routine experimental operations (measuring the volume of an irregular-shaped solid by displacement of water, conducting a titration, culturing bacteria)
    - 2.3.3 Gathering data (observing, measuring, etc.; perceiving characteristics, similarities, differences, and changes through use of the senses; comparing objects or events to standards of length, area, volume, mass, temperature, force, or time)
    - 2.3.4 Organizing and representing data (classifying, constructing graphs, tables, and diagrams; organizing materials, events, and phenomena into logical groupings; making graphs of data)
    - 2.3.5 Interpreting data (extrapolating or interpolating data from a table or graph, identifying patterns or trends in data)
  - 2.4 Investigating the natural world
    - 2.4.1 Identifying questions to investigate (observing water droplets on outside



- surface of a drinking glass and forming questions about where the liquid came from; reading about fish dying in local lakes and forming questions about the cause)
- 2.4.2 Designing investigations (developing hypotheses, developing or choosing procedures, selecting materials and equipment)
  - 2.4.3 Conducting investigations (executing procedures and recording data)
  - 2.4.4 Interpreting investigational data (organizing data, analyzing data, using data to address investigation's hypotheses or questions)
  - 2.4.5 Formulating conclusions from investigational data (using data to make conclusions about the questions or hypotheses of the investigation)
- 2.5 Communicating
- 2.5.1 Accessing and processing information (finding information, using a library, listening to others for information)
  - 2.5.2 Sharing information (reporting work to others, in written or oral form; communicating in a group to solve a scientific problem)

## Education Data - Math Curriculum Component - Summary

### Education Data - Math Curriculum Component - Summary

<b>aid</b>		Str 8	Respondent Identifier NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	10316654	
1	0.0%	10506342	
1	0.0%	10606128	
1	0.0%	11715820	
1	0.0%	12578037	
8395	99.9%	12614270-99719278	NOTE: Range of values omitted from display
1	0.0%	99719378	
1	0.0%	99719930	
1	0.0%	99719933	
1	0.0%	99719937	
1	0.0%	99886996	

<b>etmnc</b>		Num 1	Number of math courses overall
Frequency	Percent	Value	Label
63	0.7%	1	1
473	5.6%	2	2
1857	22.1%	3	3
3455	41.1%	4	4
1487	17.7%	5	5
696	8.3%	6	6
235	2.8%	7	7
107	1.3%	8	8
19	0.2%	9	9
8	0.1%	10	10
5	0.1%	11	11

<b>etmncy1</b>		Num 1	Number of math courses, year 1
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Frequency	Percent	Value	Label
148	1.8%	0	0
7275	86.6%	1	1
926	11.0%	2	2
48	0.6%	3	3
8	0.1%	4	4

<b>etmncy2</b>		Num 1	Number of math courses, year 2
Frequency	Percent	Value	Label
241	2.9%	0	0
6640	79.0%	1	1
1430	17.0%	2	2
87	1.0%	3	3
6	0.1%	4	4
1	0.0%	6	6

<b>etmncy3</b>		Num 1	Number of math courses, year 3
Frequency	Percent	Value	Label
889	10.6%	0	0
6100	72.6%	1	1
1314	15.6%	2	2
90	1.1%	3	3
12	0.1%	4	4

<b>etmncy4</b>		Num 1	Number of math courses, year 4
Frequency	Percent	Value	Label
3075	36.6%	0	0
4411	52.5%	1	1
788	9.4%	2	2
119	1.4%	3	3
12	0.1%	4	4

<b>etmncy5</b>		Num 1	Number of math courses, year 5
Frequency	Percent	Value	Label
8210	97.7%	0	0

149	1.8%	1	1
40	0.5%	2	2
5	0.1%	3	3
1	0.0%	5	5

<b>etmncy6</b>		Num 1	Number of math courses, year 6
Frequency	Percent	Value	Label
8382	99.7%	0	0
14	0.2%	1	1
5	0.1%	2	2
3	0.0%	3	3
1	0.0%	4	4

<b>etmncb</b>		Num 1	Number of math courses with coded books overall
Frequency	Percent	Value	Label
1099	13.1%	1	1
1826	21.7%	2	2
2667	31.7%	3	3
1908	22.7%	4	4
690	8.2%	5	5
166	2.0%	6	6
41	0.5%	7	7
5	0.1%	8	8
3	0.0%	9	9

<b>etmncy1</b>		Num 2	Number of math courses with coded books, year 1
Frequency	Percent	Value	Label
5316	63.2%	1	1
490	5.8%	2	2
20	0.2%	3	3
148	1.8%	9991	Student did not take courses in specified subjects in given year
2431	28.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etmncy2</b>		Num 2	Number of math courses with coded books, year 2
Frequency	Percent	Value	Label

5640	67.1%	1	1
944	11.2%	2	2
31	0.4%	3	3
1	0.0%	4	4
241	2.9%	9991	Student did not take courses in specified subjects in given year
1548	18.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmncby3</b>			
		Num 2	Number of math courses with coded books, year 3
Frequency	Percent	Value	Label
5494	65.4%	1	1
705	8.4%	2	2
23	0.3%	3	3
1	0.0%	4	4
889	10.6%	9991	Student did not take courses in specified subjects in given year
1293	15.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmncby4</b>			
		Num 2	Number of math courses with coded books, year 4
Frequency	Percent	Value	Label
3443	41.0%	1	1
295	3.5%	2	2
8	0.1%	3	3
3075	36.6%	9991	Student did not take courses in specified subjects in given year
1584	18.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmncby5</b>			
		Num 2	Number of math courses with coded books, year 5
Frequency	Percent	Value	Label
114	1.4%	1	1
15	0.2%	2	2
1	0.0%	3	3
8210	97.7%	9991	Student did not take courses in specified subjects in given year
65	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmncby6</b>			
		Num 2	Number of math courses with coded books, year 6
Frequency	Percent	Value	Label
13	0.2%	1	1

1	0.0%	2	2
1	0.0%	3	3
1	0.0%	4	4
8382	99.7%	9991	Student did not take courses in specified subjects in given year
7	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etmat</b>		Num 8	Unweighted scope in math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3	0.0%	.24929609183279	.24929609183279
2	0.0%	.41701583801588	.41701583801588
1	0.0%	.43055375474814	.43055375474814
1	0.0%	.45161273633167	.45161273633167
9	0.1%	.49222648652847	.49222648652847
8344	99.3%	.50275597732024-1.4020873069096	NOTE: Range of values omitted from display
1	0.0%	1.40603586595651	1.40603586595651
1	0.0%	1.41054850486726	1.41054850486726
1	0.0%	1.4115513135141	1.4115513135141
23	0.3%	1.42784695402516	1.42784695402516
19	0.2%	1.45291717019603	1.45291717019603

<b>etmaty1</b>		Num 8	Unweighted scope in math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3	0.0%	.24929609183279	.24929609183279
1	0.0%	.25305662425842	.25305662425842
19	0.2%	.49222648652847	.49222648652847
39	0.5%	.55540343127905	.55540343127905
38	0.5%	.55841185721956	.55841185721956
5674	67.5%	.65392938083055-1.34436313417618	NOTE: Range of values omitted from display
26	0.3%	1.39325005570937	1.39325005570937
1	0.0%	1.41054850486726	1.41054850486726
25	0.3%	1.42784695402516	1.42784695402516
148	1.8%	9991	Student did not take courses in specified subjects in given year

2431	28.9%	9992	Student took courses, but curriculum information not available for these courses
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<b>etmaty2</b>		Num 8	Unweighted scope in math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.24553555940716	.24553555940716
6	0.1%	.24929609183279	.24929609183279
15	0.2%	.25305662425842	.25305662425842
4	0.0%	.49222648652847	.49222648652847
6	0.1%	.53133602375502	.53133602375502
6440	76.6%	.55540343127905-1.39325005570937	NOTE: Range of values omitted from display
50	0.6%	1.41054850486726	1.41054850486726
93	1.1%	1.42784695402516	1.42784695402516
1	0.0%	1.48049440798398	1.48049440798398
241	2.9%	9991	Student did not take courses in specified subjects in given year
1548	18.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmaty3</b>		Num 8	Unweighted scope in math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	.24553555940716	.24553555940716
1	0.0%	.24929609183279	.24929609183279
15	0.2%	.25305662425842	.25305662425842
1	0.0%	.44710009742091	.44710009742091
10	0.1%	.49222648652847	.49222648652847
5979	71.1%	.53133602375502-1.39325005570937	NOTE: Range of values omitted from display
60	0.7%	1.41054850486726	1.41054850486726
148	1.8%	1.42784695402516	1.42784695402516
4	0.0%	1.48049440798398	1.48049440798398
889	10.6%	9991	Student did not take courses in specified subjects in given year
1293	15.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmaty4</b>		Num 8	Unweighted scope in math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
3	0.0%	.24553555940716	.24553555940716
1	0.0%	.24929609183279	.24929609183279
16	0.2%	.25305662425842	.25305662425842
6	0.1%	.44710009742091	.44710009742091
7	0.1%	.49222648652847	.49222648652847
3598	42.8%	.50275597732024-1.41054850486726	NOTE: Range of values omitted from display
19	0.2%	1.42784695402516	1.42784695402516
41	0.5%	1.48049440798398	1.48049440798398
55	0.7%	1.95732991955383	1.95732991955383
3075	36.6%	9991	Student did not take courses in specified subjects in given year
1584	18.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmaty5</b>		Num 8	Unweighted scope in math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.24929609183279	.24929609183279
1	0.0%	.44710009742091	.44710009742091
1	0.0%	.49222648652847	.49222648652847
1	0.0%	.53133602375502	.53133602375502
1	0.0%	.55540343127905	.55540343127905
111	1.3%	.5711976674667-1.35564473145307	NOTE: Range of values omitted from display
7	0.1%	1.39325005570937	1.39325005570937
6	0.1%	1.48049440798398	1.48049440798398
1	0.0%	1.95732991955383	1.95732991955383
8210	97.7%	9991	Student did not take courses in specified subjects in given year
65	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmaty6</b>		Num 8	Unweighted scope in math, year 6
Frequency	Percent	Value	Label
1	0.0%	.24553555940716	.24553555940716
1	0.0%	.49222648652847	.49222648652847
1	0.0%	.67047572350332	.67047572350332



1	0.0%	.95966066703425	.95966066703425
1	0.0%	.96003672027682	.96003672027682
1	0.0%	.98410412780085	.98410412780085
1	0.0%	.99162519265211	.99162519265211
1	0.0%	1.00967574829513	1.00967574829513
1	0.0%	1.04878528552168	1.04878528552168
1	0.0%	1.09842431353999	1.09842431353999
1	0.0%	1.17188004692063	1.17188004692063
1	0.0%	1.21424871224939	1.21424871224939
2	0.0%	1.2232739900709	1.2232739900709
1	0.0%	1.25486246244619	1.25486246244619
1	0.0%	1.39325005570937	1.39325005570937
8382	99.7%	9991	Student did not take courses in specified subjects in given year
7	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etmbt</b>		Num 8	IGP weighted scope in math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3	0.0%	.464950598747	.464950598747
9	0.1%	.55925623010487	.55925623010487
2	0.0%	.55948214639691	.55948214639691
1	0.0%	.56000210976644	.56000210976644
6	0.1%	.56156199987501	.56156199987501
8355	99.4%	.58449127307848-1.44835918191853	NOTE: Range of values omitted from display
1	0.0%	1.45364357861617	1.45364357861617
1	0.0%	1.46738033493098	1.46738033493098
7	0.1%	1.47284180175951	1.47284180175951
1	0.0%	1.4876196998742	1.4876196998742
19	0.2%	1.56699870040351	1.56699870040351

<b>etmbty1</b>		Num 8	IGP weighted scope in math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.45836465860637	.45836465860637
3	0.0%	.464950598747	.464950598747

19	0.2%	.55925623010487	.55925623010487
39	0.5%	.56156199987501	.56156199987501
1	0.0%	.63851331726643	.63851331726643
5713	68.0%	.65505362078588-1.39425551257189	NOTE: Range of values omitted from display
25	0.3%	1.40524183020491	1.40524183020491
1	0.0%	1.42402225413597	1.42402225413597
24	0.3%	1.44280267806703	1.44280267806703
148	1.8%	9991	Student did not take courses in specified subjects in given year
2431	28.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etmbty2</b>		Num 8	IGP weighted scope in math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	.45836465860637	.45836465860637
6	0.1%	.464950598747	.464950598747
1	0.0%	.47153653888762	.47153653888762
4	0.0%	.55925623010487	.55925623010487
13	0.2%	.56156199987501	.56156199987501
6404	76.2%	.58821780912855-1.42402225413597	NOTE: Range of values omitted from display
3	0.0%	1.42850810741545	1.42850810741545
169	2.0%	1.44280267806703	1.44280267806703
1	0.0%	1.56197006378081	1.56197006378081
241	2.9%	9991	Student did not take courses in specified subjects in given year
1548	18.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmbty3</b>		Num 8	IGP weighted scope in math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	.45836465860637	.45836465860637
1	0.0%	.464950598747	.464950598747
5	0.1%	.47153653888762	.47153653888762
10	0.1%	.55925623010487	.55925623010487
5	0.1%	.56156199987501	.56156199987501
5854	69.6%	.58821780912855-1.42850810741545	NOTE: Range of values omitted from display

327	3.9%	1.44280267806703	1.44280267806703
2	0.0%	1.5499238691159	1.5499238691159
4	0.0%	1.56197006378081	1.56197006378081
889	10.6%	9991	Student did not take courses in specified subjects in given year
1293	15.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmbty4</b>		Num 8	IGP weighted scope in math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
16	0.2%	.45836465860637	.45836465860637
1	0.0%	.464950598747	.464950598747
3	0.0%	.47153653888762	.47153653888762
7	0.1%	.55925623010487	.55925623010487
2	0.0%	.56156199987501	.56156199987501
3580	42.6%	.58821780912855-1.46052764580982	NOTE: Range of values omitted from display
41	0.5%	1.5499238691159	1.5499238691159
41	0.5%	1.56197006378081	1.56197006378081
55	0.7%	2.15890978054092	2.15890978054092
3075	36.6%	9991	Student did not take courses in specified subjects in given year
1584	18.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmbty5</b>		Num 8	IGP weighted scope in math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.464950598747	.464950598747
1	0.0%	.55925623010487	.55925623010487
1	0.0%	.56156199987501	.56156199987501
1	0.0%	.58821780912855	.58821780912855
1	0.0%	.5962177577925299	.5962177577925299
116	1.4%	.69886980213272-1.44280267806703	NOTE: Range of values omitted from display
2	0.0%	1.5499238691159	1.5499238691159
6	0.1%	1.56197006378081	1.56197006378081
1	0.0%	2.15890978054092	2.15890978054092
8210	97.7%	9991	Student did not take courses in specified subjects in given year

65	0.8%	9992	Student took courses, but curriculum information not available for these courses
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<b>etmbty6</b>		Num 8	IGP weighted scope in math, year 6
Frequency	Percent	Value	Label
1	0.0%	.47153653888762	.47153653888762
1	0.0%	.55925623010487	.55925623010487
1	0.0%	.7036553825458	.7036553825458
1	0.0%	.87115343697952	.87115343697952
1	0.0%	.97616614957578	.97616614957578
1	0.0%	1.00235334920901	1.00235334920901
1	0.0%	1.00476107790425	1.00476107790425
1	0.0%	1.03591558376221	1.03591558376221
1	0.0%	1.04217207334892	1.04217207334892
1	0.0%	1.06829051212487	1.06829051212487
1	0.0%	1.07030993828444	1.07030993828444
2	0.0%	1.10044018743815	1.10044018743815
1	0.0%	1.12632908465667	1.12632908465667
1	0.0%	1.30469806258008	1.30469806258008
1	0.0%	1.44280267806703	1.44280267806703
8382	99.7%	9991	Student did not take courses in specified subjects in given year
7	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etmct</b>		Num 8	PE weighted scope in math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3	0.0%	.56450077137614	.56450077137614
1	0.0%	.60383545488936	.60383545488936
3	0.0%	.60801318757157	.60801318757157
1	0.0%	.64438088796843	.64438088796843
2	0.0%	.65201551386721	.65201551386721
8360	99.5%	.65284108976648-1.47485739351497	NOTE: Range of values omitted from display
4	0.0%	1.48053507909655	1.48053507909655
19	0.2%	1.50320830398777	1.50320830398777
9	0.1%	1.50523007172265	1.50523007172265

1	0.0%	1.52764452274011	1.52764452274011
2	0.0%	1.57264437239105	1.57264437239105

<b>etmcty1</b>		Num 8	PE weighted scope in math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3	0.0%	.56450077137614	.56450077137614
1	0.0%	.56692227050783	.56692227050783
38	0.5%	.60801318757157	.60801318757157
39	0.5%	.65531781746428	.65531781746428
1	0.0%	.6897894110125	.6897894110125
5514	65.6%	.69468660745002-1.44448471530729	NOTE: Range of values omitted from display
39	0.5%	1.48053507909655	1.48053507909655
138	1.6%	1.50523007172265	1.50523007172265
53	0.6%	1.57264437239105	1.57264437239105
148	1.8%	9991	Student did not take courses in specified subjects in given year
2431	28.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etmcty2</b>		Num 8	PE weighted scope in math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.56207927224445	.56207927224445
6	0.1%	.56450077137614	.56450077137614
15	0.2%	.56692227050783	.56692227050783
70	0.8%	.60801318757157	.60801318757157
1	0.0%	.64559163753427	.64559163753427
6093	72.5%	.65531781746428-1.48053507909655	NOTE: Range of values omitted from display
323	3.8%	1.50523007172265	1.50523007172265
4	0.0%	1.53893722205685	1.53893722205685
103	1.2%	1.57264437239105	1.57264437239105
241	2.9%	9991	Student did not take courses in specified subjects in given year
1548	18.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmcty3</b>		Num 8	PE weighted scope in math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
5	0.1%	.56207927224445	.56207927224445
1	0.0%	.56450077137614	.56450077137614
15	0.2%	.56692227050783	.56692227050783
12	0.1%	.60801318757157	.60801318757157
5	0.1%	.65531781746428	.65531781746428
5966	71.0%	.65748746382311-1.50060732729182	NOTE: Range of values omitted from display
191	2.3%	1.50523007172265	1.50523007172265
26	0.3%	1.57264437239105	1.57264437239105
2	0.0%	1.66821528819551	1.66821528819551
889	10.6%	9991	Student did not take courses in specified subjects in given year
1293	15.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmcty4</b>		Num 8	PE weighted scope in math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3	0.0%	.56207927224445	.56207927224445
1	0.0%	.56450077137614	.56450077137614
16	0.2%	.56692227050783	.56692227050783
2	0.0%	.64317013840258	.64317013840258
2	0.0%	.64559163753427	.64559163753427
3620	43.1%	.65531781746428-1.54820248084479	NOTE: Range of values omitted from display
6	0.1%	1.57264437239105	1.57264437239105
41	0.5%	1.66821528819551	1.66821528819551
55	0.7%	2.34451676955871	2.34451676955871
3075	36.6%	9991	Student did not take courses in specified subjects in given year
1584	18.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmcty5</b>		Num 8	PE weighted scope in math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.56450077137614	.56450077137614
1	0.0%	.65531781746428	.65531781746428
1	0.0%	.68737898810668	.68737898810668

1	0.0%	.69468660745002	.69468660745002
1	0.0%	.70700894935202	.70700894935202
112	1.3%	.70724451165175-1.48053507909655	NOTE: Range of values omitted from display
10	0.1%	1.50523007172265	1.50523007172265
2	0.0%	1.66821528819551	1.66821528819551
1	0.0%	2.34451676955871	2.34451676955871
8210	97.7%	9991	Student did not take courses in specified subjects in given year
65	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmcty6</b>		Num 8	PE weighted scope in math, year 6
Frequency	Percent	Value	Label
1	0.0%	.56207927224445	.56207927224445
1	0.0%	.69468660745002	.69468660745002
1	0.0%	.7344816314435	.7344816314435
1	0.0%	.8137491101851601	.8137491101851601
1	0.0%	.91833095570114	.91833095570114
1	0.0%	.93184041746181	.93184041746181
1	0.0%	.93565703134417	.93565703134417
1	0.0%	.97736444793689	.97736444793689
1	0.0%	.98717379415662	.98717379415662
1	0.0%	1.04008850124875	1.04008850124875
1	0.0%	1.06399816137793	1.06399816137793
1	0.0%	1.089239559676	1.089239559676
1	0.0%	1.14108382682848	1.14108382682848
1	0.0%	1.31744201907356	1.31744201907356
2	0.0%	1.50523007172265	1.50523007172265
8382	99.7%	9991	Student did not take courses in specified subjects in given year
7	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etmdt</b>		Num 8	IGP*PE weighted scope in math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3	0.0%	.64654147486423	.64654147486423
6	0.1%	.66517754459746	.66517754459746

1	0.0%	.6789134709113001	.6789134709113001
6	0.1%	.69280841325722	.69280841325722
1	0.0%	.69338038131655	.69338038131655
8362	99.5%	.69447743712001-1.47764301731067	NOTE: Range of values omitted from display
1	0.0%	1.48544320500246	1.48544320500246
1	0.0%	1.51082474308715	1.51082474308715
4	0.0%	1.5140133762053	1.5140133762053
1	0.0%	1.61549102720168	1.61549102720168
19	0.2%	1.61605313449842	1.61605313449842

<b>etmdty1</b>		Num 8	IGP*PE weighted scope in math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.64321138482676	.64321138482676
3	0.0%	.64654147486423	.64654147486423
39	0.5%	.66517754459746	.66517754459746
38	0.5%	.69447743712001	.69447743712001
19	0.2%	.70856943244832	.70856943244832
5665	67.4%	.71893845680625-1.32147812976974	NOTE: Range of values omitted from display
1	0.0%	1.32900601519984	1.32900601519984
21	0.2%	1.37291147811498	1.37291147811498
39	0.5%	1.5140133762053	1.5140133762053
148	1.8%	9991	Student did not take courses in specified subjects in given year
2431	28.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etmdty2</b>		Num 8	IGP*PE weighted scope in math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	.64321138482676	.64321138482676
6	0.1%	.64654147486423	.64654147486423
1	0.0%	.6498715649016999	.6498715649016999
13	0.2%	.66517754459746	.66517754459746
1	0.0%	.66853340999049	.66853340999049
6519	77.6%	.69280841325722-1.34880193068176	NOTE: Range of values omitted from display



2	0.0%	1.36483291692566	1.36483291692566
4	0.0%	1.37291147811498	1.37291147811498
55	0.7%	1.5140133762053	1.5140133762053
241	2.9%	9991	Student did not take courses in specified subjects in given year
1548	18.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmdty3</b>		Num 8	IGP*PE weighted scope in math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	.64321138482676	.64321138482676
1	0.0%	.64654147486423	.64654147486423
5	0.1%	.6498715649016999	.6498715649016999
5	0.1%	.66517754459746	.66517754459746
10	0.1%	.69280841325722	.69280841325722
6177	73.5%	.69447743712001-1.5140133762053	NOTE: Range of values omitted from display
7	0.1%	1.54192801939099	1.54192801939099
1	0.0%	1.58445865981762	1.58445865981762
2	0.0%	1.8140234236748	1.8140234236748
889	10.6%	9991	Student did not take courses in specified subjects in given year
1293	15.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmdty4</b>		Num 8	IGP*PE weighted scope in math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
16	0.2%	.64321138482676	.64321138482676
1	0.0%	.64654147486423	.64654147486423
3	0.0%	.6498715649016999	.6498715649016999
2	0.0%	.66517754459746	.66517754459746
9	0.1%	.69280841325722	.69280841325722
3618	43.0%	.7079553769208899-1.58445865981762	NOTE: Range of values omitted from display
1	0.0%	1.71022972156768	1.71022972156768
41	0.5%	1.8140234236748	1.8140234236748
55	0.7%	2.58892084700428	2.58892084700428
3075	36.6%	9991	Student did not take courses in specified subjects in given year

1584	18.8%	9992	Student took courses, but curriculum information not available for these courses
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<b>etmdty5</b>		Num 8	IGP*PE weighted scope in math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.64654147486423	.64654147486423
1	0.0%	.66517754459746	.66517754459746
1	0.0%	.69280841325722	.69280841325722
1	0.0%	.70856943244832	.70856943244832
2	0.0%	.74389146489433	.74389146489433
120	1.4%	.76158999740489-1.32900601519984	NOTE: Range of values omitted from display
1	0.0%	1.5140133762053	1.5140133762053
2	0.0%	1.8140234236748	1.8140234236748
1	0.0%	2.58892084700428	2.58892084700428
8210	97.7%	9991	Student did not take courses in specified subjects in given year
65	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmdty6</b>		Num 8	IGP*PE weighted scope in math, year 6
Frequency	Percent	Value	Label
1	0.0%	.6498715649016999	.6498715649016999
1	0.0%	.70856943244832	.70856943244832
1	0.0%	.76158999740489	.76158999740489
1	0.0%	.8081601193976899	.8081601193976899
1	0.0%	.90439312779228	.90439312779228
1	0.0%	.92615194350009	.92615194350009
1	0.0%	.94167882200037	.94167882200037
1	0.0%	1.0037608689999	1.0037608689999
1	0.0%	1.05686321232886	1.05686321232886
1	0.0%	1.05831640452858	1.05831640452858
1	0.0%	1.08602895821704	1.08602895821704
1	0.0%	1.13042342695954	1.13042342695954
1	0.0%	1.13501782850496	1.13501782850496
1	0.0%	1.19035528877328	1.19035528877328

2	0.0%	1.32147812976974	1.32147812976974
8382	99.7%	9991	Student did not take courses in specified subjects in given year
7	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etmigp</b>		Num 8	Average IGP in math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6	0.1%	5.11703189768476	5.11703189768476
1	0.0%	5.18581522171417	5.18581522171417
18	0.2%	5.27863962830342	5.27863962830342
1	0.0%	5.4345185524643	5.4345185524643
1	0.0%	5.533501987762	5.533501987762
8368	99.6%	5.57732034237201-9.989086196105831	NOTE: Range of values omitted from display
1	0.0%	10.0119408394275	10.0119408394275
2	0.0%	10.077668851536	10.077668851536
1	0.0%	10.2641169692849	10.2641169692849
1	0.0%	10.3020014365668	10.3020014365668
5	0.1%	10.3478335850401	10.3478335850401

<b>etmigpy1</b>		Num 8	Average IGP in math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
39	0.5%	5.11703189768476	5.11703189768476
1	0.0%	5.40343166558371	5.40343166558371
10	0.1%	5.57732034237201	5.57732034237201
19	0.2%	5.84308712121212	5.84308712121212
2	0.0%	5.95185715078962	5.95185715078962
5691	67.7%	6.38555505891602-9.52150655431811	NOTE: Range of values omitted from display
15	0.2%	9.531977523775771	9.531977523775771
3	0.0%	9.6342549671588	9.6342549671588
46	0.5%	9.807504118032011	9.807504118032011
148	1.8%	9991	Student did not take courses in specified subjects in given year
2431	28.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etmigpy2</b>		Num 8	Average IGP in math, year 2
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
13	0.2%	5.11703189768476	5.11703189768476
1	0.0%	5.14305497020657	5.14305497020657
3	0.0%	5.27863962830342	5.27863962830342
3	0.0%	5.57732034237201	5.57732034237201
5	0.1%	5.63909989170604	5.63909989170604
6568	78.1%	5.84308712121212-9.869107599700641	NOTE: Range of values omitted from display
21	0.2%	9.871147077104141	9.871147077104141
1	0.0%	9.905217015486601	9.905217015486601
1	0.0%	10.3478335850401	10.3478335850401
241	2.9%	9991	Student did not take courses in specified subjects in given year
1548	18.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmigpy3</b>			Num 8	Average IGP in math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
5	0.1%	5.11703189768476	5.11703189768476	
12	0.1%	5.27863962830342	5.27863962830342	
10	0.1%	5.32338186977299	5.32338186977299	
1	0.0%	5.57732034237201	5.57732034237201	
10	0.1%	5.63909989170604	5.63909989170604	
6174	73.5%	5.75706902160264-10.3478335850401	NOTE: Range of values omitted from display	
2	0.0%	10.4208945105868	10.4208945105868	
2	0.0%	10.7297269170177	10.7297269170177	
7	0.1%	11.0950440402217	11.0950440402217	
889	10.6%	9991	Student did not take courses in specified subjects in given year	
1293	15.4%	9992	Student took courses, but curriculum information not available for these courses	

<b>etmigpy4</b>			Num 8	Average IGP in math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
2	0.0%	5.11703189768476	5.11703189768476	
4	0.0%	5.27863962830342	5.27863962830342	

5	0.1%	5.32338186977299	5.32338186977299
3	0.0%	5.63909989170604	5.63909989170604
1	0.0%	5.75706902160264	5.75706902160264
3573	42.5%	5.84308712121212-10.9006263154143	NOTE: Range of values omitted from display
55	0.7%	10.979462872044	10.979462872044
17	0.2%	10.997835177818	10.997835177818
86	1.0%	11.0950440402217	11.0950440402217
3075	36.6%	9991	Student did not take courses in specified subjects in given year
1584	18.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmigpy5</b>		Num 8	Average IGP in math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	5.11703189768476	5.11703189768476
1	0.0%	5.27863962830342	5.27863962830342
1	0.0%	5.63909989170604	5.63909989170604
1	0.0%	5.75706902160264	5.75706902160264
1	0.0%	5.84308712121212	5.84308712121212
120	1.4%	6.06787844891871-10.1201749188915	NOTE: Range of values omitted from display
2	0.0%	10.3478335850401	10.3478335850401
2	0.0%	10.7297269170177	10.7297269170177
1	0.0%	10.979462872044	10.979462872044
8210	97.7%	9991	Student did not take courses in specified subjects in given year
65	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmigpy6</b>		Num 8	Average IGP in math, year 6
Frequency	Percent	Value	Label
1	0.0%	5.84308712121212	5.84308712121212
1	0.0%	6.53446377555956	6.53446377555956
1	0.0%	6.62706564895947	6.62706564895947
1	0.0%	6.66518883677887	6.66518883677887
1	0.0%	7.316295781893	7.316295781893
2	0.0%	7.4932661541954	7.4932661541954

1	0.0%	7.72071438505796	7.72071438505796
1	0.0%	7.81326961380951	7.81326961380951
1	0.0%	7.91412672590726	7.91412672590726
1	0.0%	8.50563670352204	8.50563670352204
1	0.0%	8.57670737391358	8.57670737391358
1	0.0%	9.32571221213473	9.32571221213473
1	0.0%	9.379525004102261	9.379525004102261
1	0.0%	9.49215396608971	9.49215396608971
1	0.0%	9.910834601290951	9.910834601290951
8382	99.7%	9991	Student did not take courses in specified subjects in given year
7	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etmpe</b>		Num 8	Average PE level in math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	1	1
3	0.0%	1.02872503840245	1.02872503840245
12	0.1%	1.0905824398725	1.0905824398725
3	0.0%	1.11392405063291	1.11392405063291
1	0.0%	1.13663768893525	1.13663768893525
8336	99.2%	1.15053680433009-3.67289567279193	NOTE: Range of values omitted from display
1	0.0%	3.69601635884844	3.69601635884844
1	0.0%	3.72002035489277	3.72002035489277
10	0.1%	3.90458015267175	3.90458015267175
2	0.0%	3.97131869106352	3.97131869106352
18	0.2%	4	4

<b>etmpey1</b>		Num 8	Average PE level in math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
48	0.6%	1	1
118	1.4%	1.0905824398725	1.0905824398725
38	0.5%	1.11392405063291	1.11392405063291
11	0.1%	1.18160609868848	1.18160609868848
25	0.3%	1.19038707609392	1.19038707609392

5430	64.6%	1.19493416623827-3.48745256502512	NOTE: Range of values omitted from display
102	1.2%	3.67289567279193	3.67289567279193
1	0.0%	3.69601635884844	3.69601635884844
53	0.6%	3.97131869106352	3.97131869106352
148	1.8%	9991	Student did not take courses in specified subjects in given year
2431	28.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etmpey2</b>		Num 8	Average PE level in math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	1	1
1	0.0%	1.01124146903347	1.01124146903347
21	0.2%	1.02872503840245	1.02872503840245
1	0.0%	1.05917797988436	1.05917797988436
1	0.0%	1.08963092136627	1.08963092136627
6466	76.9%	1.0905824398725-3.72938562804432	NOTE: Range of values omitted from display
5	0.1%	3.90458015267175	3.90458015267175
103	1.2%	3.97131869106352	3.97131869106352
3	0.0%	4	4
241	2.9%	9991	Student did not take courses in specified subjects in given year
1548	18.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmpey3</b>		Num 8	Average PE level in math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7	0.1%	1	1
4	0.0%	1.01124146903347	1.01124146903347
63	0.7%	1.02872503840245	1.02872503840245
26	0.3%	1.08963092136627	1.08963092136627
36	0.4%	1.0905824398725	1.0905824398725
6039	71.9%	1.11392405063291-3.67289567279193	NOTE: Range of values omitted from display
10	0.1%	3.90458015267175	3.90458015267175
26	0.3%	3.97131869106352	3.97131869106352
12	0.1%	4	4

889	10.6%	9991	Student did not take courses in specified subjects in given year
1293	15.4%	9992	Student took courses, but curriculum information not available for these courses

<b>etmpey4</b>		Num 8	Average PE level in math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
10	0.1%	1	1
41	0.5%	1.01124146903347	1.01124146903347
97	1.2%	1.02872503840245	1.02872503840245
1	0.0%	1.05917797988436	1.05917797988436
9	0.1%	1.08963092136627	1.08963092136627
3575	42.5%	1.0905824398725-3.84191378695121	NOTE: Range of values omitted from display
3	0.0%	3.90458015267175	3.90458015267175
6	0.1%	3.97131869106352	3.97131869106352
4	0.0%	4	4
3075	36.6%	9991	Student did not take courses in specified subjects in given year
1584	18.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmpey5</b>		Num 8	Average PE level in math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2	0.0%	1	1
6	0.1%	1.01124146903347	1.01124146903347
1	0.0%	1.0905824398725	1.0905824398725
1	0.0%	1.16827803113869	1.16827803113869
2	0.0%	1.19493416623827	1.19493416623827
115	1.4%	1.23219976643216-3.62715187921261	NOTE: Range of values omitted from display
1	0.0%	3.84191378695121	3.84191378695121
1	0.0%	3.90458015267175	3.90458015267175
1	0.0%	4	4
8210	97.7%	9991	Student did not take courses in specified subjects in given year
65	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etmpey6</b>		Num 8	Average PE level in math, year 6
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Frequency	Percent	Value	Label
1	0.0%	1	1
1	0.0%	1.36486949032612	1.36486949032612
1	0.0%	1.52200875592465	1.52200875592465
1	0.0%	1.96837012764666	1.96837012764666
1	0.0%	2.02374314920238	2.02374314920238
1	0.0%	2.10795454545454	2.10795454545454
1	0.0%	2.14457273886568	2.14457273886568
1	0.0%	2.15421799331087	2.15421799331087
1	0.0%	2.1730085887783	2.1730085887783
1	0.0%	2.21461984300839	2.21461984300839
1	0.0%	2.36285546306052	2.36285546306052
1	0.0%	2.60134504378167	2.60134504378167
1	0.0%	2.66894190472326	2.66894190472326
1	0.0%	2.77776503229198	2.77776503229198
2	0.0%	3.48745256502512	3.48745256502512
8382	99.7%	9991	Student did not take courses in specified subjects in given year
7	0.1%	9992	Student took courses, but curriculum information not available for these courses

## Education Data - Math Curriculum Component - Auxiliary

### Education Data - Math Curriculum Component - Auxiliary

<b>aid</b>		Str 8	Respondent Identifier NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	10316654	
1	0.0%	10506342	
1	0.0%	10606128	
1	0.0%	11715820	
1	0.0%	12578037	
8395	99.9%	12614270-99719278	NOTE: Range of values omitted from display
1	0.0%	99719378	
1	0.0%	99719930	
1	0.0%	99719933	
1	0.0%	99719937	
1	0.0%	99886996	

<b>etma1</b>		Num 8	Unweighted scope in Algebra- pre-equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
138	1.6%	0	0
2	0.0%	.00026189087243	.00026189087243
2	0.0%	.00043349155368	.00043349155368
3	0.0%	.00046977840372	.00046977840372
1	0.0%	.00048255740585	.00048255740585
8252	98.2%	.00064340987447-.11388353345895	NOTE: Range of values omitted from display
1	0.0%	.11569915311612	.11569915311612
1	0.0%	.11899622505007	.11899622505007
3	0.0%	.13177313946361	.13177313946361
1	0.0%	.14306546115925	.14306546115925
1	0.0%	.19565771153133	.19565771153133

<b>etma2</b>		Num 8	Unweighted scope in Algebra- basic equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
78	0.9%	0	0
3	0.0%	.00340700875587	.00340700875587
20	0.2%	.00551960344582	.00551960344582
1	0.0%	.00648380734635	.00648380734635
2	0.0%	.00810258605994	.00810258605994
8252	98.2%	.0088356306522-.38392658571287	NOTE: Range of values omitted from display
2	0.0%	.39650083477959	.39650083477959
1	0.0%	.39832890084496	.39832890084496
11	0.1%	.43412666794269	.43412666794269
21	0.2%	.44153584624122	.44153584624122
14	0.2%	.4506118377794	.4506118377794

<b>etma3</b>		Num 8	Unweighted scope in Algebra- advanced equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
97	1.2%	0	0
2	0.0%	.00109578905127	.00109578905127
1	0.0%	.00183182009269	.00183182009269
5	0.1%	.00184463138678	.00184463138678
12	0.1%	.00244738271139	.00244738271139
8247	98.1%	.0025157326092-.42479916828501	NOTE: Range of values omitted from display
1	0.0%	.43046728203889	.43046728203889
22	0.3%	.4392271391833	.4392271391833
2	0.0%	.4735965408561	.4735965408561
2	0.0%	.52190191814614	.52190191814614
14	0.2%	.5423353442017	.5423353442017

<b>etma4</b>		Num 8	Unweighted scope in Algebra- number patterns overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2015	24.0%	0	0
22	0.3%	.00005282630699	.00005282630699

1	0.0%	.00006339156839	.00006339156839
36	0.4%	.00007923946049	.00007923946049
27	0.3%	.00010565261398	.00010565261398
6287	74.8%	.00012678313678-.02388819151165	NOTE: Range of values omitted from display
7	0.1%	.02691761030996	.02691761030996
3	0.0%	.02807542550452	.02807542550452
3	0.0%	.02994702910827	.02994702910827
2	0.0%	.03158485369259	.03158485369259
2	0.0%	.04211313825679	.04211313825679

<b>etma5</b>		Num 8	Unweighted scope in Algebra- basic function overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
179	2.1%	0	0
1	0.0%	.00014376904375	.00014376904375
3	0.0%	.00021565356562	.00021565356562
2	0.0%	.00043130713125	.00043130713125
2	0.0%	.00146699843031	.00146699843031
8137	96.8%	.00168106034255-.19107024550303	NOTE: Range of values omitted from display
13	0.2%	.19633895695678	.19633895695678
23	0.3%	.2069082946904	.2069082946904
3	0.0%	.20779002683599	.20779002683599
1	0.0%	.2096724590343	.2096724590343
41	0.5%	.2124366233782	.2124366233782

<b>etma6</b>		Num 8	Unweighted scope in Algebra- advanced function overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
916	10.9%	0	0
2	0.0%	.00015112641296	.00015112641296
10	0.1%	.00020150188395	.00020150188395
11	0.1%	.00030225282593	.00030225282593
2	0.0%	.00031072797011	.00031072797011
7445	88.6%	.00032393887656-.08631376482608	NOTE: Range of values omitted from display
13	0.2%	.09114023340553	.09114023340553

1	0.0%	.09130262686851	.09130262686851
2	0.0%	.09424147586695	.09424147586695
2	0.0%	.1045802392765	.1045802392765
1	0.0%	.13236413813713	.13236413813713

<b>etma7</b>		Num 8	Unweighted scope in Algebra- basic number overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
394	4.7%	0	0
1	0.0%	.00030845764064	.00030845764064
5	0.1%	.0003855720508	.0003855720508
10	0.1%	.000397832345	.000397832345
6	0.1%	.00051409606773	.00051409606773
7948	94.6%	.0005967485175-.07717413294356	NOTE: Range of values omitted from display
3	0.0%	.07731916869128	.07731916869128
22	0.3%	.08010054847886	.08010054847886
1	0.0%	.08345104281675	.08345104281675
3	0.0%	.08461935452456	.08461935452456
12	0.1%	.09571479106769	.09571479106769

<b>etma8</b>		Num 8	Unweighted scope in Algebra- advanced number overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
75	0.9%	0	0
2	0.0%	.00051472789958	.00051472789958
1	0.0%	.0008138305257	.0008138305257
1	0.0%	.00147020061277	.00147020061277
20	0.2%	.00174209546878	.00174209546878
8277	98.5%	.00296922081185-.17757660549082	NOTE: Range of values omitted from display
10	0.1%	.196797006897	.196797006897
1	0.0%	.21601740830318	.21601740830318
1	0.0%	.22562760900626	.22562760900626
2	0.0%	.23091548667812	.23091548667812
15	0.2%	.25445821111553	.25445821111553

<b>etma9</b>		Num 8	Unweighted scope in Geometry- 2-D overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
58	0.7%	0	0
1	0.0%	.00160023574352	.00160023574352
1	0.0%	.00202589647647	.00202589647647
2	0.0%	.00213364765803	.00213364765803
2	0.0%	.0023599469222	.0023599469222
8326	99.1%	.00303884471471-.5218508865649	NOTE: Range of values omitted from display
2	0.0%	.52941768850684	.52941768850684
1	0.0%	.53950293072485	.53950293072485
3	0.0%	.5698177045632	.5698177045632
7	0.1%	.61021772061955	.61021772061955
2	0.0%	.6299960948271101	.6299960948271101

<b>etma10</b>		Num 8	Unweighted scope in Geometry- points, lines, shapes in their perimeters, areas and volume overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1341	16.0%	0	0
1	0.0%	.00026107875469	.00026107875469
2	0.0%	.00034810500625	.00034810500625
6	0.1%	.0003753179887	.0003753179887
1	0.0%	.00041185287219	.00041185287219
7030	83.6%	.00048568953691-.09278942983497	NOTE: Range of values omitted from display
7	0.1%	.09313597459428	.09313597459428
1	0.0%	.09813328004475	.09813328004475
2	0.0%	.10542626955815	.10542626955815
12	0.1%	.10771108511223	.10771108511223
2	0.0%	.1329947403824	.1329947403824

<b>etma11</b>		Num 8	Unweighted scope in Geometry- conic sections and their equations, and equations for lines and planes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
58	0.7%	0	0

1	0.0%	.00195704101967	.00195704101967
2	0.0%	.00260938802623	.00260938802623
9	0.1%	.00326286496751	.00326286496751
4	0.0%	.00391408203934	.00391408203934
8308	98.8%	.00521877605246-.19239191664467	NOTE: Range of values omitted from display
15	0.2%	.19378311015248	.19378311015248
3	0.0%	.20498225096834	.20498225096834
1	0.0%	.22162355455123	.22162355455123
1	0.0%	.2679339225867	.2679339225867
3	0.0%	.31430500019065	.31430500019065

<b>etma12</b>		Num 8	Unweighted scope in Geometry- transformation, congruence and similarity overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
440	5.2%	0	0
2	0.0%	.00037544146157	.00037544146157
10	0.1%	.00041723856339	.00041723856339
1	0.0%	.00050058861543	.00050058861543
1	0.0%	.00075088292315	.00075088292315
7919	94.2%	.00083447712679-.17531257062107	NOTE: Range of values omitted from display
7	0.1%	.17557387351782	.17557387351782
2	0.0%	.17599378304728	.17599378304728
1	0.0%	.18869713751364	.18869713751364
20	0.2%	.2224275241798	.2224275241798
2	0.0%	.23438021835411	.23438021835411

<b>etma13</b>		Num 8	Unweighted scope in Numbers and arithmetic- whole numbers overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
702	8.4%	0	0
1	0.0%	.00018309724605	.00018309724605
10	0.1%	.00021971669526	.00021971669526
56	0.7%	.00027464586908	.00027464586908
1	0.0%	.00029947517413	.00029947517413

7344	87.4%	.00034938770315-.08573748591286	NOTE: Range of values omitted from display
1	0.0%	.08608645503864	.08608645503864
1	0.0%	.0862574939152	.0862574939152
54	0.6%	.0875013540189	.0875013540189
217	2.6%	.10242281251113	.10242281251113
18	0.2%	.13944820293205	.13944820293205

<b>etma14</b>		Num 8	Unweighted scope in Fractions overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
258	3.1%	0	0
1	0.0%	.00011759374398	.00011759374398
10	0.1%	.00014376904375	.00014376904375
3	0.0%	.00017803487847	.00017803487847
24	0.3%	.00019169205833	.00019169205833
8059	95.9%	.00023518748796-.2830492840761	NOTE: Range of values omitted from display
1	0.0%	.32178186942665	.32178186942665
10	0.1%	.38663213931489	.38663213931489
18	0.2%	.41974577575315	.41974577575315
20	0.2%	.5090546995158201	.5090546995158201
1	0.0%	.50997584746118	.50997584746118

<b>etma15</b>		Num 8	Unweighted scope in Number theory overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2627	31.3%	0	0
3	0.0%	.00005767288136	.00005767288136
3	0.0%	.00006488199153	.00006488199153
20	0.2%	.00008650932204	.00008650932204
1	0.0%	.00010381118645	.00010381118645
5677	67.5%	.00012976398306-.03634164314466	NOTE: Range of values omitted from display
13	0.2%	.03716499601518	.03716499601518
3	0.0%	.03998529693237	.03998529693237
1	0.0%	.04308080782878	.04308080782878
54	0.6%	.05331372924316	.05331372924316



3	0.0%	.06462121174318	.06462121174318
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<b>etma16</b>		Num 8	Unweighted scope in Discrete math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1505	17.9%	0	0
2	0.0%	.00014476743988	.00014476743988
6	0.1%	.00021715115983	.00021715115983
1	0.0%	.00026626368811	.00026626368811
46	0.5%	.00028953487977	.00028953487977
6832	81.3%	.00032689372654-.03345234663516	NOTE: Range of values omitted from display
1	0.0%	.03376727657615	.03376727657615
1	0.0%	.03575706360743	.03575706360743
6	0.1%	.03840026248987	.03840026248987
2	0.0%	.03914273655967	.03914273655967
3	0.0%	.04393697254159	.04393697254159

<b>etma17</b>		Num 8	Unweighted scope in Estimation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
401	4.8%	0	0
22	0.3%	.00003435715575	.00003435715575
1	0.0%	.0000412285869	.0000412285869
21	0.2%	.00005153573363	.00005153573363
3	0.0%	.0000687143115	.0000687143115
7911	94.1%	.00007034695308-.04405342001012	NOTE: Range of values omitted from display
4	0.0%	.04508987797073	.04508987797073
1	0.0%	.04560810695104	.04560810695104
22	0.3%	.04716279389195	.04716279389195
6	0.1%	.04978904955738	.04978904955738
13	0.2%	.05801985289701	.05801985289701

<b>etma18</b>		Num 8	Unweighted scope in Measurement overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
751	8.9%	0	0

1	0.0%	.00006584738659	.00006584738659
4	0.0%	.00007901686391	.00007901686391
24	0.3%	.00009877107989	.00009877107989
1	0.0%	.00010624999476	.00010624999476
7602	90.4%	.00011288123416-.07340694957177	NOTE: Range of values omitted from display
6	0.1%	.07554383815271	.07554383815271
3	0.0%	.0931255336148	.0931255336148
2	0.0%	.09334914967527	.09334914967527
1	0.0%	.09420548653532	.09420548653532
10	0.1%	.18132371671176	.18132371671176

<b>etma19</b>		Num 8	Unweighted scope in Perimeter, area, and volume overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
240	2.9%	0	0
2	0.0%	.00017765214969	.00017765214969
1	0.0%	.00080512930915	.00080512930915
7	0.1%	.00107350574553	.00107350574553
2	0.0%	.00113804595776	.00113804595776
8135	96.8%	.00124478930238-.12468990619811	NOTE: Range of values omitted from display
2	0.0%	.12532283526402	.12532283526402
1	0.0%	.12991931833612	.12991931833612
1	0.0%	.15256595704624	.15256595704624
12	0.1%	.16642077730779	.16642077730779
2	0.0%	.18091116731707	.18091116731707

<b>etma20</b>		Num 8	Unweighted scope in Probability- proportionality concepts overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
413	4.9%	0	0
1	0.0%	.00005248830848	.00005248830848
7	0.1%	.00006606247278	.00006606247278
11	0.1%	.00006998441131	.00006998441131
1	0.0%	.00008808329705	.00008808329705
7938	94.4%	.00009017614277-.05386439282857	NOTE: Range of values omitted from display

2	0.0%	.05458913051241	.05458913051241
1	0.0%	.0566785544055	.0566785544055
3	0.0%	.05993186191614	.05993186191614
10	0.1%	.08852566893846	.08852566893846
18	0.2%	.1125007140289	.1125007140289

<b>etma21</b>		Num 8	Unweighted scope in Probability- proportionality problems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
407	4.8%	0	0
2	0.0%	.00014954353697	.00014954353697
1	0.0%	.00022431530545	.00022431530545
1	0.0%	.00040348798459	.00040348798459
1	0.0%	.00042897686357	.00042897686357
7972	94.8%	.00053965504101-.04524014512757	NOTE: Range of values omitted from display
12	0.1%	.0457396700104	.0457396700104
3	0.0%	.04655578587692	.04655578587692
2	0.0%	.04726598455697	.04726598455697
1	0.0%	.04914273832084	.04914273832084
3	0.0%	.05671124048425	.05671124048425

<b>etma22</b>		Num 8	Unweighted scope in Probability- linear interpolation and extrapolation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4696	55.9%	0	0
6	0.1%	.000022202021	.000022202021
31	0.4%	.00002960269466	.00002960269466
20	0.2%	.000044404042	.000044404042
2	0.0%	.00005074747657	.00005074747657
3601	42.8%	.00005920538933-.00554106326053	NOTE: Range of values omitted from display
23	0.3%	.00560658483014	.00560658483014
9	0.1%	.00614124975605	.00614124975605
1	0.0%	.0062336961681	.0062336961681
2	0.0%	.0068646981343	.0068646981343

14	0.2%	.0083115948908	.0083115948908
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<b>etma23</b>		Num 8	Unweighted scope in Trigonometry overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
714	8.5%	0	0
1	0.0%	.00070040838177	.00070040838177
5	0.1%	.00145231249108	.00145231249108
1	0.0%	.00166855116516	.00166855116516
1	0.0%	.00184553582252	.00184553582252
7619	90.6%	.00199561649858-.13582745672216	NOTE: Range of values omitted from display
1	0.0%	.13844721777547	.13844721777547
19	0.2%	.14003030481043	.14003030481043
1	0.0%	.15020785893848	.15020785893848
41	0.5%	.1646009417486	.1646009417486
2	0.0%	.16864869775758	.16864869775758

<b>etma24</b>		Num 8	Unweighted scope in Statistics- data representation and analysis overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
456	5.4%	0	0
3	0.0%	.00006745489809	.00006745489809
13	0.2%	.00008431862261	.00008431862261
38	0.5%	.00011242483015	.00011242483015
13	0.2%	.00013490979618	.00013490979618
7842	93.3%	.0001445462102-.13768621661722	NOTE: Range of values omitted from display
23	0.3%	.13967589680195	.13967589680195
1	0.0%	.15105782403194	.15105782403194
1	0.0%	.16097592916361	.16097592916361
2	0.0%	.21015970791575	.21015970791575
13	0.2%	.30184412116415	.30184412116415

<b>etma25</b>		Num 8	Unweighted scope in Statistics- uncertainty and probability overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
411	4.9%	0	0

1	0.0%	.00056791414203	.00056791414203
2	0.0%	.00085187121305	.00085187121305
1	0.0%	.00085782136493	.00085782136493
1	0.0%	.00087155349693	.00087155349693
7968	94.8%	.00102224545566-.13928525519783	NOTE: Range of values omitted from display
2	0.0%	.14777403584254	.14777403584254
1	0.0%	.15039215687375	.15039215687375
1	0.0%	.16674227113582	.16674227113582
13	0.2%	.18993836110831	.18993836110831
4	0.0%	.20052287583167	.20052287583167

<b>etma26</b>		Num 8	Unweighted scope in Calculus- infinite process overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2351	28.0%	0	0
2	0.0%	.0002023229077	.0002023229077
8	0.1%	.00025290363463	.00025290363463
1	0.0%	.00026626368811	.00026626368811
28	0.3%	.00033720484617	.00033720484617
5980	71.1%	.00035501825081-.15784987833241	NOTE: Range of values omitted from display
1	0.0%	.16125777515912	.16125777515912
19	0.2%	.16251131605377	.16251131605377
1	0.0%	.17017056173942	.17017056173942
13	0.2%	.183767927158	.183767927158
1	0.0%	.21240796922766	.21240796922766

<b>etma27</b>		Num 8	Unweighted scope in Calculus- change overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1767	21.0%	0	0
1	0.0%	.00032420080655	.00032420080655
16	0.2%	.00036567612317	.00036567612317
5	0.1%	.00037051520749	.00037051520749
12	0.1%	.00043226774207	.00043226774207
6577	78.3%	.00051872129049-.33614715189927	NOTE: Range of values omitted from display

19	0.2%	.33669891521045	.33669891521045
1	0.0%	.33721670343749	.33721670343749
1	0.0%	.3402203969098	.3402203969098
5	0.1%	.36430126975278	.36430126975278
1	0.0%	.41521898108992	.41521898108992

<b>etma28</b>		Num 8	Unweighted scope in Validation and structuring overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1113	13.2%	0	0
1	0.0%	.00001177328094	.00001177328094
10	0.1%	.00006660404247	.00006660404247
14	0.2%	.00008880538996	.00008880538996
5	0.1%	.00026641616988	.00026641616988
7231	86.0%	.0003238565992-.12870108763865	NOTE: Range of values omitted from display
10	0.1%	.12971404286736	.12971404286736
10	0.1%	.13173995332477	.13173995332477
2	0.0%	.13295549959922	.13295549959922
4	0.0%	.13376586378218	.13376586378218
5	0.1%	.13477881901089	.13477881901089

<b>etma29</b>		Num 8	Unweighted scope in other topics overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
528	6.3%	0	0
8	0.1%	.00026173128355	.00026173128355
1	0.0%	.00033796250139	.00033796250139
32	0.4%	.00034897504474	.00034897504474
1	0.0%	.00034959267509	.00034959267509
7780	92.6%	.00042245312674-.12524706077864	NOTE: Range of values omitted from display
6	0.1%	.13607313494263	.13607313494263
10	0.1%	.14802555487388	.14802555487388
18	0.2%	.15379730483904	.15379730483904
1	0.0%	.16411276342656	.16411276342656
20	0.2%	.30034330122884	.30034330122884

<b>etmb1</b>		Num 8	IGP scope in Algebra- pre-equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
138	1.6%	0	0
2	0.0%	.00030528186209	.00030528186209
2	0.0%	.00033547070977	.00033547070977
3	0.0%	.00041807749407	.00041807749407
1	0.0%	.00042630934011	.00042630934011
8252	98.2%	.00055911784963-.10403260436085	NOTE: Range of values omitted from display
1	0.0%	.10459519337214	.10459519337214
1	0.0%	.10793986320619	.10793986320619
3	0.0%	.11954418740932	.11954418740932
1	0.0%	.12069192775411	.12069192775411
1	0.0%	.17756580842493	.17756580842493

<b>etmb2</b>		Num 8	IGP scope in Algebra- basic equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
78	0.9%	0	0
3	0.0%	.00372009148988	.00372009148988
20	0.2%	.00655352243888	.00655352243888
1	0.0%	.00701898028059	.00701898028059
2	0.0%	.00781749238462	.00781749238462
8248	98.1%	.00793192244575-.39895648212781	NOTE: Range of values omitted from display
1	0.0%	.41180434526083	.41180434526083
6	0.1%	.41848185551899	.41848185551899
11	0.1%	.43704103882344	.43704103882344
21	0.2%	.45034793465987	.45034793465987
14	0.2%	.48369407370817	.48369407370817

<b>etmb3</b>		Num 8	IGP scope in Algebra- advanced equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
97	1.2%	0	0
2	0.0%	.00157792519291	.00157792519291

1	0.0%	.00241660201195	.00241660201195
5	0.1%	.00260171089486	.00260171089486
1	0.0%	.00295310570033	.00295310570033
8258	98.3%	.00338629902931-.46078225202671	NOTE: Range of values omitted from display
1	0.0%	.46151666196126	.46151666196126
22	0.3%	.47504968609964	.47504968609964
2	0.0%	.50856624995518	.50856624995518
2	0.0%	.56139295014798	.56139295014798
14	0.2%	.57559937766627	.57559937766627

<b>etmb4</b>		Num 8	IGP scope in Algebra- number patterns overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2015	24.0%	0	0
22	0.3%	.00006354079028	.00006354079028
1	0.0%	.00007624894834	.00007624894834
36	0.4%	.00009531118542	.00009531118542
27	0.3%	.00012708158057	.00012708158057
6287	74.8%	.00015249789668-.02877649766211	NOTE: Range of values omitted from display
3	0.0%	.03317898437617	.03317898437617
7	0.1%	.03414501825701	.03414501825701
2	0.0%	.03732635742319	.03732635742319
3	0.0%	.03951353885191	.03951353885191
2	0.0%	.04976847656426	.04976847656426

<b>etmb5</b>		Num 8	IGP scope in Algebra- basic function overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
179	2.1%	0	0
1	0.0%	.00012405548434	.00012405548434
3	0.0%	.00018608322651	.00018608322651
2	0.0%	.00037216645303	.00037216645303
2	0.0%	.00147423478156	.00147423478156
8137	96.8%	.00186679477915-.20817822649211	NOTE: Range of values omitted from display
13	0.2%	.21141001567054	.21141001567054



23	0.3%	.21236360609648	.21236360609648
1	0.0%	.2183827690256	.2183827690256
41	0.5%	.22440193195473	.22440193195473
3	0.0%	.24050965827374	.24050965827374

<b>etmb6</b>		Num 8	IGP scope in Algebra- advanced function overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
916	10.9%	0	0
2	0.0%	.00021622701546	.00021622701546
2	0.0%	.00028186089711	.00028186089711
10	0.1%	.00028830268728	.00028830268728
3	0.0%	.00037581452948	.00037581452948
7465	88.8%	.00043245403092-.113478767683	NOTE: Range of values omitted from display
1	0.0%	.11568627352471	.11568627352471
1	0.0%	.12068465253477	.12068465253477
2	0.0%	.12175135369992	.12175135369992
2	0.0%	.12354611981112	.12354611981112
1	0.0%	.14210876888675	.14210876888675

<b>etmb7</b>		Num 8	IGP scope in Algebra- basic number overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
394	4.7%	0	0
1	0.0%	.00023428015645	.00023428015645
5	0.1%	.00029285019557	.00029285019557
10	0.1%	.00029791609857	.00029791609857
12	0.1%	.0003078453663	.0003078453663
7961	94.7%	.00039046692743-.07504887921961	NOTE: Range of values omitted from display
3	0.0%	.07811355470485	.07811355470485
1	0.0%	.0784752670651	.0784752670651
5	0.1%	.0810951755342	.0810951755342
1	0.0%	.08231850868005	.08231850868005
12	0.1%	.09072841663043	.09072841663043

<b>etmb8</b>		Num 8	IGP scope in Algebra- advanced number overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
75	0.9%	0	0
2	0.0%	.00063337387674	.00063337387674
1	0.0%	.00093219935219	.00093219935219
20	0.2%	.00137499097822	.00137499097822
1	0.0%	.0015454954564	.0015454954564
8277	98.5%	.00262702524615-.17188423188698	NOTE: Range of values omitted from display
10	0.1%	.18568526326562	.18568526326562
1	0.0%	.20250776588756	.20250776588756
1	0.0%	.21091901719853	.21091901719853
2	0.0%	.23096207403767	.23096207403767
15	0.2%	.23615277113143	.23615277113143

<b>etmb9</b>		Num 8	IGP scope in Geometry- 2-D overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
58	0.7%	0	0
1	0.0%	.00163240440927	.00163240440927
1	0.0%	.00217511405904	.00217511405904
2	0.0%	.00217653921236	.00217653921236
2	0.0%	.00244807218141	.00244807218141
8312	98.9%	.00326267108857-.42401935433651	NOTE: Range of values omitted from display
2	0.0%	.43613586386615	.43613586386615
3	0.0%	.46382822537407	.46382822537407
15	0.2%	.46596942696225	.46596942696225
7	0.1%	.49152058688198	.49152058688198
2	0.0%	.5383664411220001	.5383664411220001

<b>etmb10</b>		Num 8	IGP scope in Geometry- points, lines, shapes in their perimeters, areas and volume overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1341	16.0%	0	0
1	0.0%	.00025260398565	.00025260398565

2	0.0%	.0003368053142	.0003368053142
11	0.1%	.0005052079713	.0005052079713
6	0.1%	.00052622471943	.00052622471943
7031	83.7%	.00054617761067-.07378654878453	NOTE: Range of values omitted from display
7	0.1%	.07928094012248	.07928094012248
2	0.0%	.08813922715498	.08813922715498
1	0.0%	.09133447422032	.09133447422032
1	0.0%	.09269709092926	.09269709092926
2	0.0%	.11037474323425	.11037474323425

<b>etmb11</b>		Num 8	IGP scope in Geometry- conic sections and their equations, and equations for lines and planes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
58	0.7%	0	0
1	0.0%	.00233610399521	.00233610399521
2	0.0%	.00311480532695	.00311480532695
4	0.0%	.00467220799042	.00467220799042
2	0.0%	.00474246256991	.00474246256991
8313	98.9%	.00537023023738-.20462319688168	NOTE: Range of values omitted from display
1	0.0%	.20649209096177	.20649209096177
19	0.2%	.20716091124374	.20716091124374
1	0.0%	.23913038848049	.23913038848049
1	0.0%	.25625203171144	.25625203171144
3	0.0%	.34706659850722	.34706659850722

<b>etmb12</b>		Num 8	IGP scope in Geometry- transformation, congruence and similarity overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
440	5.2%	0	0
2	0.0%	.00019215728465	.00019215728465
10	0.1%	.00023000007807	.00023000007807
1	0.0%	.00025620971287	.00025620971287
1	0.0%	.00038431456931	.00038431456931
7904	94.0%	.00046000015615-.12338317526597	NOTE: Range of values omitted from display

1	0.0%	.12643274587698	.12643274587698
15	0.2%	.12941745142963	.12941745142963
9	0.1%	.13611953036361	.13611953036361
2	0.0%	.15249046335052	.15249046335052
20	0.2%	.16154754284322	.16154754284322

<b>etmb13</b>		Num 8	IGP scope in Numbers and arithmetic- whole numbers overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
702	8.4%	0	0
1	0.0%	.00009677070881	.00009677070881
4	0.0%	.00010309910957	.00010309910957
1	0.0%	.00010687978933	.00010687978933
2	0.0%	.00013746547943	.00013746547943
7598	90.4%	.00014515606321-.03377114508683	NOTE: Range of values omitted from display
9	0.1%	.03571089811861	.03571089811861
13	0.2%	.0360945287876	.0360945287876
3	0.0%	.03761293134451	.03761293134451
54	0.6%	.04216813901525	.04216813901525
18	0.2%	.07615435775676	.07615435775676

<b>etmb14</b>		Num 8	IGP scope in Fractions overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
258	3.1%	0	0
1	0.0%	.000065989343	.000065989343
16	0.2%	.000131978686	.000131978686
10	0.1%	.00017689393138	.00017689393138
24	0.3%	.00023585857517	.00023585857517
8046	95.7%	.00026988155904-.25772283564492	NOTE: Range of values omitted from display
1	0.0%	.28084779876617	.28084779876617
10	0.1%	.3441727606343	.3441727606343
18	0.2%	.36475008921629	.36475008921629
1	0.0%	.43799721538276	.43799721538276
20	0.2%	.51544567128985	.51544567128985

<b>etmb15</b>		Num 8	IGP scope in Number theory overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2627	31.3%	0	0
3	0.0%	.00004285866902	.00004285866902
3	0.0%	.00004821600264	.00004821600264
20	0.2%	.00006428800353	.00006428800353
1	0.0%	.00007714560423	.00007714560423
5682	67.6%	.00009643200529-.03216398174884	NOTE: Range of values omitted from display
5	0.1%	.03266794721138	.03266794721138
1	0.0%	.03426585212151	.03426585212151
6	0.1%	.03861999540262	.03861999540262
54	0.6%	.04046705473841	.04046705473841
3	0.0%	.05139877818227	.05139877818227

<b>etmb16</b>		Num 8	IGP scope in Discrete math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1505	17.9%	0	0
2	0.0%	.00019200202598	.00019200202598
3	0.0%	.00024753445555	.00024753445555
2	0.0%	.00028547648865	.00028547648865
6	0.1%	.00028800303898	.00028800303898
6874	81.8%	.00033004594073-.04125925633433	NOTE: Range of values omitted from display
1	0.0%	.04148076038403	.04148076038403
2	0.0%	.04218571905175	.04218571905175
1	0.0%	.04395805726661	.04395805726661
6	0.1%	.04715557200675	.04715557200675
3	0.0%	.05685618136861	.05685618136861

<b>etmb17</b>		Num 8	IGP scope in Estimation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
401	4.8%	0	0
22	0.3%	.00001220984752	.00001220984752

1	0.0%	.00001465181703	.00001465181703
21	0.2%	.00001831477129	.00001831477129
3	0.0%	.00002441969505	.00002441969505
7923	94.3%	.00002680671395-.03204433183097	NOTE: Range of values omitted from display
4	0.0%	.03221134250897	.03221134250897
1	0.0%	.03229484784797	.03229484784797
22	0.3%	.03254536386497	.03254536386497
1	0.0%	.03320630063978	.03320630063978
6	0.1%	.0424984421962	.0424984421962

<b>etmb18</b>		Num 8	IGP scope in Measurement overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
751	8.9%	0	0
1	0.0%	.00002540661113	.00002540661113
4	0.0%	.00003048793335	.00003048793335
24	0.3%	.00003810991669	.00003810991669
1	0.0%	.0000420611055	.0000420611055
7607	90.5%	.00004355419051-.04807215814297	NOTE: Range of values omitted from display
1	0.0%	.05084388915255	.05084388915255
2	0.0%	.06330426209058	.06330426209058
1	0.0%	.0633108866782	.0633108866782
3	0.0%	.0638839313618	.0638839313618
10	0.1%	.12417708863176	.12417708863176

<b>etmb19</b>		Num 8	IGP scope in Perimeter, area, and volume overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
240	2.9%	0	0
2	0.0%	.00015428364031	.00015428364031
4	0.0%	.00049086605874	.00049086605874
1	0.0%	.00049646060472	.00049646060472
1	0.0%	.00061257932425	.00061257932425
8139	96.8%	.00066194747296-.09381913085192	NOTE: Range of values omitted from display
1	0.0%	.09530141180347	.09530141180347

2	0.0%	.09816771222224	.09816771222224
1	0.0%	.09821312017177	.09821312017177
2	0.0%	.11215201294114	.11215201294114
12	0.1%	.13020052575477	.13020052575477

<b>etmb20</b>		Num 8	IGP scope in Probability- proportionality concepts overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
413	4.9%	0	0
1	0.0%	.00003398364129	.00003398364129
11	0.1%	.00004531152172	.00004531152172
6	0.1%	.00006796728259	.00006796728259
7	0.1%	.00007043185348	.00007043185348
7935	94.4%	.00007137695154-.04065443848248	NOTE: Range of values omitted from display
1	0.0%	.04625710578037	.04625710578037
2	0.0%	.04645347177392	.04645347177392
1	0.0%	.05219732668584	.05219732668584
10	0.1%	.07840670475459	.07840670475459
18	0.2%	.09676327358284	.09676327358284

<b>etmb21</b>		Num 8	IGP scope in Probability- proportionality problems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
407	4.8%	0	0
2	0.0%	.00010391280199	.00010391280199
1	0.0%	.00015586920299	.00015586920299
1	0.0%	.00037345477653	.00037345477653
1	0.0%	.00041356653868	.00041356653868
7962	94.7%	.00043312623795-.03662820830965	NOTE: Range of values omitted from display
22	0.3%	.03713750601222	.03713750601222
1	0.0%	.03851130121812	.03851130121812
2	0.0%	.04129593945119	.04129593945119
3	0.0%	.0418594438376	.0418594438376
3	0.0%	.04961280632913	.04961280632913

<b>etmb22</b>		Num 8	IGP scope in Probability- linear interpolation and extrapolation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4696	55.9%	0	0
6	0.1%	.00002569933947	.00002569933947
31	0.4%	.00003426578596	.00003426578596
20	0.2%	.00005139867895	.00005139867895
2	0.0%	.00005874134737	.00005874134737
3622	43.1%	.00006853157193-.00595066267978	NOTE: Range of values omitted from display
2	0.0%	.00619395318955	.00619395318955
9	0.1%	.00669308940392	.00669308940392
1	0.0%	.00696819733824	.00696819733824
2	0.0%	.00755903619739	.00755903619739
14	0.2%	.00929092978433	.00929092978433

<b>etmb23</b>		Num 8	IGP scope in Trigonometry overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
714	8.5%	0	0
1	0.0%	.00097638711211	.00097638711211
5	0.1%	.00163940183846	.00163940183846
1	0.0%	.00168666999355	.00168666999355
2	0.0%	.00175314576778	.00175314576778
7618	90.6%	.00193957288832-.14480475533939	NOTE: Range of values omitted from display
1	0.0%	.1458882584052	.1458882584052
19	0.2%	.1498700446063	.1498700446063
1	0.0%	.15614245796634	.15614245796634
41	0.5%	.17020130161513	.17020130161513
2	0.0%	.17275674130275	.17275674130275

<b>etmb24</b>		Num 8	IGP scope in Statistics- data representation and analysis overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
456	5.4%	0	0
3	0.0%	.00009190136367	.00009190136367



13	0.2%	.00011487670458	.00011487670458
38	0.5%	.00015316893945	.00015316893945
13	0.2%	.00018380272734	.00018380272734
7839	93.3%	.00019693149358-.11735969458488	NOTE: Range of values omitted from display
4	0.0%	.12220291694142	.12220291694142
23	0.3%	.13633174025601	.13633174025601
1	0.0%	.1833058500112	.1833058500112
2	0.0%	.23682776027403	.23682776027403
13	0.2%	.34587756436315	.34587756436315

<b>etmb25</b>		Num 8	IGP scope in Statistics- uncertainty and probability overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
411	4.9%	0	0
1	0.0%	.00038081544907	.00038081544907
1	0.0%	.00078607080509	.00078607080509
1	0.0%	.00089124964709	.00089124964709
1	0.0%	.00104809440679	.00104809440679
7969	94.8%	.00114244634721-.18514542702308	NOTE: Range of values omitted from display
2	0.0%	.18918918201331	.18918918201331
1	0.0%	.19853594049058	.19853594049058
1	0.0%	.21763406876519	.21763406876519
13	0.2%	.24516945119078	.24516945119078
4	0.0%	.26471458732077	.26471458732077

<b>etmb26</b>		Num 8	IGP scope in Calculus- infinite process overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2351	28.0%	0	0
2	0.0%	.00026421810868	.00026421810868
8	0.1%	.00033027263585	.00033027263585
1	0.0%	.00038506057054	.00038506057054
28	0.3%	.00044036351447	.00044036351447
5998	71.4%	.00051341409406-.1962019991045	NOTE: Range of values omitted from display
1	0.0%	.20115769370705	.20115769370705

1	0.0%	.20498541370631	.20498541370631
1	0.0%	.21710581583222	.21710581583222
13	0.2%	.23665190779609	.23665190779609
1	0.0%	.28146090017553	.28146090017553

<b>etmb27</b>		Num 8	IGP scope in Calculus- change overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1767	21.0%	0	0
1	0.0%	.00027296198625	.00027296198625
5	0.1%	.00031195655571	.00031195655571
12	0.1%	.000363949315	.000363949315
104	1.2%	.000436739178	.000436739178
6501	77.3%	.00047351520975-.39668537708347	NOTE: Range of values omitted from display
1	0.0%	.3991997887486	.3991997887486
7	0.1%	.39961622004026	.39961622004026
1	0.0%	.44856079105299	.44856079105299
5	0.1%	.46894155550399	.46894155550399
1	0.0%	.52701306961839	.52701306961839

<b>etmb28</b>		Num 8	IGP scope in Validation and structuring overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1113	13.2%	0	0
1	0.0%	.00001182391374	.00001182391374
10	0.1%	.00007518408768	.00007518408768
14	0.2%	.00010024545024	.00010024545024
5	0.1%	.00030073635074	.00030073635074
7231	86.0%	.00035785921239-.14763360338689	NOTE: Range of values omitted from display
10	0.1%	.14925094171157	.14925094171157
10	0.1%	.15248561836092	.15248561836092
2	0.0%	.15442642435054	.15442642435054
4	0.0%	.15572029501028	.15572029501028
5	0.1%	.15733763333496	.15733763333496

<b>etmb29</b>		Num 8	IGP scope in other topics overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
528	6.3%	0	0
8	0.1%	.00028506863426	.00028506863426
32	0.4%	.00038009151235	.00038009151235
1	0.0%	.00038016266884	.00038016266884
1	0.0%	.00047520333605	.00047520333605
7805	92.9%	.00057013726853-.14904691201845	NOTE: Range of values omitted from display
2	0.0%	.16136813603864	.16136813603864
1	0.0%	.18153915304347	.18153915304347
1	0.0%	.19308842662208	.19308842662208
20	0.2%	.21828143758007	.21828143758007
6	0.1%	.24205220405796	.24205220405796

<b>etmc1</b>		Num 8	PE scope in Algebra- pre-equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
138	1.6%	0	0
2	0.0%	.00023286841494	.00023286841494
3	0.0%	.00025370618499	.00025370618499
7	0.1%	.00038811402491	.00038811402491
2	0.0%	.00039767684454	.00039767684454
8247	98.1%	.00050741236999-.10931024500387	NOTE: Range of values omitted from display
1	0.0%	.12403949923683	.12403949923683
1	0.0%	.12464456438267	.12464456438267
1	0.0%	.13309020579074	.13309020579074
1	0.0%	.13335260497242	.13335260497242
2	0.0%	.15139965787006	.15139965787006

<b>etmc2</b>		Num 8	PE scope in Algebra- basic equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
78	0.9%	0	0
3	0.0%	.00278262765873	.00278262765873

20	0.2%	.00314702242225	.00314702242225
1	0.0%	.00802316954387	.00802316954387
2	0.0%	.0080737350969	.0080737350969
8116	96.6%	.00838508507454-.3826721298252	NOTE: Range of values omitted from display
11	0.1%	.39469011341381	.39469011341381
54	0.6%	.40002003757292	.40002003757292
28	0.3%	.41639653922958	.41639653922958
78	0.9%	.41730501829474	.41730501829474
14	0.2%	.43412463781661	.43412463781661

<b>etmc3</b>		Num 8	PE scope in Algebra- advanced equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
97	1.2%	0	0
12	0.1%	.0010240777319	.0010240777319
2	0.0%	.00150939506586	.00150939506586
3	0.0%	.00225293191521	.00225293191521
1	0.0%	.00320048799613	.00320048799613
8268	98.4%	.00328590599243-.37769715923639	NOTE: Range of values omitted from display
14	0.2%	.38252909348281	.38252909348281
1	0.0%	.38292495378526	.38292495378526
1	0.0%	.40392151607806	.40392151607806
2	0.0%	.42311443104378	.42311443104378
4	0.0%	.48261472345026	.48261472345026

<b>etmc4</b>		Num 8	PE scope in Algebra- number patterns overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2015	24.0%	0	0
22	0.3%	.00002432688615	.00002432688615
1	0.0%	.00002919226338	.00002919226338
36	0.4%	.00003649032922	.00003649032922
27	0.3%	.0000486537723	.0000486537723
6270	74.6%	.00005838452676-.02586123100964	NOTE: Range of values omitted from display
1	0.0%	.02719883377438	.02719883377438

22	0.3%	.02873920182975	.02873920182975
1	0.0%	.031100108481	.031100108481
7	0.1%	.03577160894092	.03577160894092
3	0.0%	.04665016272151	.04665016272151

<b>etmc5</b>		Num 8	PE scope in Algebra- basic function overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
179	2.1%	0	0
1	0.0%	.00006793042251	.00006793042251
3	0.0%	.00010189563376	.00010189563376
2	0.0%	.00020379126753	.00020379126753
2	0.0%	.0010264904564	.0010264904564
8199	97.5%	.00136865394187-.14130302164679	NOTE: Range of values omitted from display
1	0.0%	.14623527158351	.14623527158351
1	0.0%	.14869246894524	.14869246894524
3	0.0%	.15381998957851	.15381998957851
13	0.2%	.18285966231444	.18285966231444
1	0.0%	.22441630298208	.22441630298208

<b>etmc6</b>		Num 8	PE scope in Algebra- advanced function overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
916	10.9%	0	0
2	0.0%	.00008894192089	.00008894192089
10	0.1%	.00011858922785	.00011858922785
11	0.1%	.00017788384178	.00017788384178
2	0.0%	.00021346061014	.00021346061014
7458	88.7%	.00023249734077-.10658161986903	NOTE: Range of values omitted from display
1	0.0%	.12814349250283	.12814349250283
1	0.0%	.1281673823316	.1281673823316
1	0.0%	.13061236267443	.13061236267443
2	0.0%	.13144558689714	.13144558689714
1	0.0%	.17339978205743	.17339978205743

<b>etmc7</b>		Num 8	PE scope in Algebra- basic number overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
394	4.7%	0	0
1	0.0%	.00016991105809	.00016991105809
10	0.1%	.00018921163655	.00018921163655
5	0.1%	.00021238882262	.00021238882262
17	0.2%	.00022688787568	.00022688787568
7957	94.7%	.00028318509682-.07605422508205	NOTE: Range of values omitted from display
1	0.0%	.07747821098919	.07747821098919
2	0.0%	.07754043672846	.07754043672846
12	0.1%	.08317415461774	.08317415461774
1	0.0%	.08515577014629	.08515577014629
5	0.1%	.09710136701659	.09710136701659

<b>etmc8</b>		Num 8	PE scope in Algebra- advanced number overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
75	0.9%	0	0
2	0.0%	.00017731235435	.00017731235435
1	0.0%	.00066376266626	.00066376266626
20	0.2%	.00176485942454	.00176485942454
1	0.0%	.00208321407578	.00208321407578
8286	98.6%	.00241565398278-.1356556124895	NOTE: Range of values omitted from display
1	0.0%	.13716232472852	.13716232472852
15	0.2%	.15263665736744	.15263665736744
1	0.0%	.16992933482159	.16992933482159
1	0.0%	.18287287722141	.18287287722141
2	0.0%	.33731768896286	.33731768896286

<b>etmc9</b>		Num 8	PE scope in Geometry- 2-D overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
58	0.7%	0	0
1	0.0%	.00247638840842	.00247638840842

1	0.0%	.00293710276057	.00293710276057
2	0.0%	.0039161370141	.0039161370141
1	0.0%	.00405626721283	.00405626721283
8315	98.9%	.00445820296538-.58240062880234	NOTE: Range of values omitted from display
2	0.0%	.59840296605393	.59840296605393
15	0.2%	.61477466679334	.61477466679334
7	0.1%	.61606682741854	.61606682741854
1	0.0%	.62215990510629	.62215990510629
2	0.0%	.89314624611551	.89314624611551

<b>etmc10</b>		Num 8	PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1341	16.0%	0	0
1	0.0%	.00012332745453	.00012332745453
2	0.0%	.00016443660604	.00016443660604
1	0.0%	.00016650406674	.00016650406674
11	0.1%	.00024665490906	.00024665490906
7025	83.6%	.00024975610011-.08498715449794	NOTE: Range of values omitted from display
2	0.0%	.08613401124942	.08613401124942
1	0.0%	.08622510713377	.08622510713377
7	0.1%	.09690815850213	.09690815850213
12	0.1%	.11484534833256	.11484534833256
2	0.0%	.12748073174692	.12748073174692

<b>etmc11</b>		Num 8	PE scope in Geometry- conic sections and their equations, and equations for lines and planes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
58	0.7%	0	0
1	0.0%	.00089799746766	.00089799746766
2	0.0%	.00119732995689	.00119732995689
4	0.0%	.00179599493533	.00179599493533
2	0.0%	.00239465991378	.00239465991378
8313	98.9%	.00280870596004-.19018032246242	NOTE: Range of values omitted from display

1	0.0%	.19429181563073	.19429181563073
1	0.0%	.19615156317041	.19615156317041
1	0.0%	.22371917007597	.22371917007597
19	0.2%	.2303134491228	.2303134491228
3	0.0%	.31666198904674	.31666198904674

<b>etmc12</b>		Num 8	PE scope in Geometry- transformation, congruence and similarity overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
440	5.2%	0	0
2	0.0%	.0001958996261	.0001958996261
1	0.0%	.00026119950147	.00026119950147
10	0.1%	.00037080259861	.00037080259861
1	0.0%	.00039179925221	.00039179925221
7917	94.2%	.000491528957-.15203390182563	NOTE: Range of values omitted from display
2	0.0%	.16221852771836	.16221852771836
9	0.1%	.17338260362224	.17338260362224
1	0.0%	.17634030004036	.17634030004036
2	0.0%	.19920788025101	.19920788025101
20	0.2%	.20003387460635	.20003387460635

<b>etmc13</b>		Num 8	PE scope in Numbers and arithmetic- whole numbers overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
702	8.4%	0	0
1	0.0%	.00007818211291	.00007818211291
10	0.1%	.00009381853549	.00009381853549
56	0.7%	.00011727316937	.00011727316937
27	0.3%	.00015636422582	.00015636422582
7579	90.2%	.00023454633874-.0652400128804	NOTE: Range of values omitted from display
1	0.0%	.07041613983756	.07041613983756
9	0.1%	.07271427652104	.07271427652104
1	0.0%	.076512956892	.076512956892
1	0.0%	.08371845690968	.08371845690968
18	0.2%	.20913990766746	.20913990766746



<b>etmc14</b>		Num 8	PE scope in Fractions overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
258	3.1%	0	0
3	0.0%	.00013810224471	.00013810224471
1	0.0%	.00014092188274	.00014092188274
7	0.1%	.00018413632628	.00018413632628
2	0.0%	.00022096359154	.00022096359154
8079	96.1%	.00024155281708-.42785529688373	NOTE: Range of values omitted from display
6	0.1%	.43536598979299	.43536598979299
20	0.2%	.53329734807945	.53329734807945
10	0.1%	.57791704795692	.57791704795692
18	0.2%	.62952114791753	.62952114791753
1	0.0%	.80338371256541	.80338371256541

<b>etmc15</b>		Num 8	PE scope in Number theory overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2627	31.3%	0	0
3	0.0%	.00010898871446	.00010898871446
3	0.0%	.00012261230377	.00012261230377
2	0.0%	.00013726626884	.00013726626884
20	0.2%	.0001634830717	.0001634830717
5609	66.7%	.00019617968604-.0293203215866	NOTE: Range of values omitted from display
78	0.9%	.0293633467461	.0293633467461
1	0.0%	.03158755529976	.03158755529976
54	0.6%	.03181240150647	.03181240150647
3	0.0%	.03357465781786	.03357465781786
5	0.1%	.03385478901292	.03385478901292

<b>etmc16</b>		Num 8	PE scope in Discrete math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1505	17.9%	0	0
2	0.0%	.00006840216155	.00006840216155

6	0.1%	.00010260324233	.00010260324233
46	0.5%	.00013680432311	.00013680432311
1	0.0%	.00014379704128	.00014379704128
6834	81.3%	.00018545214587-.04450472242749	NOTE: Range of values omitted from display
1	0.0%	.04486506688957	.04486506688957
1	0.0%	.04638877074688	.04638877074688
2	0.0%	.0466843308023	.0466843308023
1	0.0%	.0494496915861	.0494496915861
6	0.1%	.05258977211841	.05258977211841

<b>etmc17</b>		Num 8	PE scope in Estimation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
401	4.8%	0	0
22	0.3%	.00003164342404	.00003164342404
1	0.0%	.00003797210885	.00003797210885
21	0.2%	.00004746513607	.00004746513607
3	0.0%	.00006328684809	.00006328684809
7908	94.1%	.00007376771947-.05264279329743	NOTE: Range of values omitted from display
6	0.1%	.05530757948344	.05530757948344
22	0.3%	.05564077259213	.05564077259213
2	0.0%	.05645614955247	.05645614955247
6	0.1%	.06920682424373	.06920682424373
13	0.2%	.07883203539529	.07883203539529

<b>etmc18</b>		Num 8	PE scope in Measurement overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
751	8.9%	0	0
1	0.0%	.0000327199751	.0000327199751
4	0.0%	.00003926397012	.00003926397012
24	0.3%	.00004907996266	.00004907996266
1	0.0%	.00005609138589	.00005609138589
7606	90.5%	.00006543995021-.09121863268032	NOTE: Range of values omitted from display
2	0.0%	.09171480610597	.09171480610597

3	0.0%	.13262202438558	.13262202438558
2	0.0%	.13525436616414	.13525436616414
1	0.0%	.1361682848815	.1361682848815
10	0.1%	.26233406034681	.26233406034681

<b>etmc19</b>		Num 8	PE scope in Perimeter, area, and volume overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
240	2.9%	0	0
2	0.0%	.00006863313442	.00006863313442
1	0.0%	.00054423657922	.00054423657922
7	0.1%	.0007256487723	.0007256487723
2	0.0%	.00077271402254	.00077271402254
8144	96.9%	.00108847315845-.16979652848169	NOTE: Range of values omitted from display
2	0.0%	.17350829897209	.17350829897209
1	0.0%	.17508605545234	.17508605545234
3	0.0%	.20705012767613	.20705012767613
1	0.0%	.22816483965934	.22816483965934
2	0.0%	.24927955164256	.24927955164256

<b>etmc20</b>		Num 8	PE scope in Probability- proportionality concepts overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
413	4.9%	0	0
7	0.1%	.00003042223365	.00003042223365
1	0.0%	.0000405629782	.0000405629782
3	0.0%	.0000472805723	.0000472805723
14	0.2%	.0000608444673	.0000608444673
7934	94.4%	.00007092085845-.07205028032129	NOTE: Range of values omitted from display
1	0.0%	.07725983618161	.07725983618161
3	0.0%	.07726932976661	.07726932976661
1	0.0%	.07971275582455	.07971275582455
10	0.1%	.13232343630817	.13232343630817
18	0.2%	.16872493477735	.16872493477735

<b>etmc21</b>		Num 8	PE scope in Probability- proportionality problems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
407	4.8%	0	0
2	0.0%	.00008370699312	.00008370699312
1	0.0%	.00012556048968	.00012556048968
1	0.0%	.0003502240588	.0003502240588
1	0.0%	.00052533608821	.00052533608821
7973	94.9%	.00062930288398-.05394496916223	NOTE: Range of values omitted from display
3	0.0%	.0566846245106	.0566846245106
9	0.1%	.05775448026765	.05775448026765
2	0.0%	.06275794235722	.06275794235722
3	0.0%	.06379754804192	.06379754804192
3	0.0%	.08038388874719	.08038388874719

<b>etmc22</b>		Num 8	PE scope in Probability- linear interpolation and extrapolation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4696	55.9%	0	0
6	0.1%	.00002206464408	.00002206464408
31	0.4%	.00002941952544	.00002941952544
20	0.2%	.00004412928816	.00004412928816
2	0.0%	.00005043347219	.00005043347219
3543	42.2%	.00005883905088-.00546738258859	NOTE: Range of values omitted from display
1	0.0%	.00579785475059	.00579785475059
3	0.0%	.00598776202487	.00598776202487
78	0.9%	.00646431887321	.00646431887321
2	0.0%	.00674641988531	.00674641988531
23	0.3%	.00702852089742	.00702852089742

<b>etmc23</b>		Num 8	PE scope in Trigonometry overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
714	8.5%	0	0
1	0.0%	.00036615878106	.00036615878106

1	0.0%	.00077924352087	.00077924352087
1	0.0%	.001072030232	.001072030232
1	0.0%	.00113508620973	.00113508620973
7622	90.7%	.001225177408-.1258082999717	NOTE: Range of values omitted from display
3	0.0%	.13085620845432	.13085620845432
1	0.0%	.13512746544179	.13512746544179
1	0.0%	.13726309393552	.13726309393552
41	0.5%	.14657378253008	.14657378253008
19	0.2%	.19505525596255	.19505525596255

<b>etmc24</b>		Num 8	PE scope in Statistics- data representation and analysis overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
456	5.4%	0	0
3	0.0%	.00010197961265	.00010197961265
13	0.2%	.00012747451582	.00012747451582
38	0.5%	.00016996602109	.00016996602109
2	0.0%	.00017664328297	.00017664328297
7851	93.4%	.00020395922531-.12800722941319	NOTE: Range of values omitted from display
23	0.3%	.14280238033244	.14280238033244
1	0.0%	.16836502188936	.16836502188936
3	0.0%	.17135869700514	.17135869700514
2	0.0%	.22274089451316	.22274089451316
13	0.2%	.3224862466186	.3224862466186

<b>etmc25</b>		Num 8	PE scope in Statistics- uncertainty and probability overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
411	4.9%	0	0
1	0.0%	.00023992249058	.00023992249058
2	0.0%	.00035988373587	.00035988373587
1	0.0%	.00040055508952	.00040055508952
1	0.0%	.00043186048304	.00043186048304
7969	94.8%	.00066803551526-.17047022386022	NOTE: Range of values omitted from display
1	0.0%	.1736875758552	.1736875758552

1	0.0%	.17685922975293	.17685922975293
1	0.0%	.18794691751575	.18794691751575
13	0.2%	.22169610906438	.22169610906438
4	0.0%	.23581230633724	.23581230633724

<b>etmc26</b>		Num 8	PE scope in Calculus- infinite process overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2351	28.0%	0	0
2	0.0%	.00010053550863	.00010053550863
8	0.1%	.00012566938579	.00012566938579
1	0.0%	.00014379704128	.00014379704128
28	0.3%	.00016755918106	.00016755918106
5974	71.1%	.00019172938837-.16543458687794	NOTE: Range of values omitted from display
19	0.2%	.1664518728664	.1664518728664
7	0.1%	.16717196081204	.16717196081204
13	0.2%	.1772073672156	.1772073672156
1	0.0%	.20429989365592	.20429989365592
1	0.0%	.26457563376969	.26457563376969

<b>etmc27</b>		Num 8	PE scope in Calculus- change overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1767	21.0%	0	0
2	0.0%	.0003037471837	.0003037471837
6	0.1%	.00040499624493	.00040499624493
1	0.0%	.00050070495262	.00050070495262
5	0.1%	.00057223423157	.00057223423157
6594	78.5%	.0006074943674-.4145551746441	NOTE: Range of values omitted from display
19	0.2%	.41699603877991	.41699603877991
1	0.0%	.41830246806656	.41830246806656
8	0.1%	.41948457911496	.41948457911496
1	0.0%	.4744823944724	.4744823944724
1	0.0%	.53316937470313	.53316937470313

<b>etmc28</b>		Num 8	PE scope in Validation and structuring overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1113	13.2%	0	0
1	0.0%	.0000141304137	.0000141304137
2	0.0%	.00014657853945	.00014657853945
10	0.1%	.00018773604306	.00018773604306
14	0.2%	.00025031472408	.00025031472408
7238	86.1%	.00031556618218-.11296523580436	NOTE: Range of values omitted from display
4	0.0%	.11643289271692	.11643289271692
5	0.1%	.12076746385761	.12076746385761
12	0.1%	.1245378432023	.1245378432023
4	0.0%	.13542584809621	.13542584809621
2	0.0%	.14098295925789	.14098295925789

<b>etmc29</b>		Num 8	PE scope in other topics overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
528	6.3%	0	0
8	0.1%	.00014060008465	.00014060008465
32	0.4%	.00018746677953	.00018746677953
1	0.0%	.00022479496724	.00022479496724
1	0.0%	.00023598858149	.00023598858149
7784	92.6%	.00026702942234-.16942529559145	NOTE: Range of values omitted from display
2	0.0%	.17026675970679	.17026675970679
1	0.0%	.17327528496168	.17327528496168
10	0.1%	.22126068424236	.22126068424236
18	0.2%	.24429291088415	.24429291088415
20	0.2%	.48214463083551	.48214463083551

<b>etmd1</b>		Num 8	IGP*PE scope in Algebra- pre-equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
138	1.6%	0	0
2	0.0%	.00019828892682	.00019828892682

3	0.0%	.00025172096721	.00025172096721
7	0.1%	.0003304815447	.0003304815447
2	0.0%	.00034927001981	.00034927001981
8247	98.1%	.00049572231705-.09737125661189	NOTE: Range of values omitted from display
1	0.0%	.10339675172324	.10339675172324
1	0.0%	.11388713364492	.11388713364492
1	0.0%	.1139312632466	.1139312632466
1	0.0%	.11498403645225	.11498403645225
2	0.0%	.13786391277836	.13786391277836

<b>etmd2</b>		Num 8	IGP*PE scope in Algebra- basic equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
78	0.9%	0	0
3	0.0%	.00284911251707	.00284911251707
20	0.2%	.00417204745095	.00417204745095
1	0.0%	.00688403050538	.00688403050538
3	0.0%	.00787379915245	.00787379915245
8120	96.6%	.00830979660252-.38618395708665	NOTE: Range of values omitted from display
6	0.1%	.38637623162938	.38637623162938
28	0.3%	.38869486940759	.38869486940759
54	0.6%	.3978631756879	.3978631756879
78	0.9%	.43138474579356	.43138474579356
14	0.2%	.43664333191643	.43664333191643

<b>etmd3</b>		Num 8	IGP*PE scope in Algebra- advanced equation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
97	1.2%	0	0
12	0.1%	.00151848751918	.00151848751918
2	0.0%	.00225696828484	.00225696828484
3	0.0%	.00255723068751	.00255723068751
1	0.0%	.0036222381254	.0036222381254
8268	98.4%	.00435622243166-.40283853419837	NOTE: Range of values omitted from display
1	0.0%	.41907999481616	.41907999481616



1	0.0%	.419949828871	.419949828871
14	0.2%	.4228634331997	.4228634331997
2	0.0%	.46730287062885	.46730287062885
4	0.0%	.50465817263349	.50465817263349

<b>etmd4</b>		Num 8	IGP*PE scope in Algebra- number patterns overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2015	24.0%	0	0
22	0.3%	.00002999464993	.00002999464993
1	0.0%	.00003599357992	.00003599357992
36	0.4%	.0000449919749	.0000449919749
27	0.3%	.00005998929987	.00005998929987
6270	74.6%	.00007198715985-.03473671854701	NOTE: Range of values omitted from display
1	0.0%	.03872820062015	.03872820062015
22	0.3%	.04148917157929	.04148917157929
1	0.0%	.04478964053072	.04478964053072
7	0.1%	.04883462871094	.04883462871094
3	0.0%	.06718446079608	.06718446079608

<b>etmd5</b>		Num 8	IGP*PE scope in Algebra- basic function overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
179	2.1%	0	0
1	0.0%	.00006553013701	.00006553013701
3	0.0%	.00009829520552	.00009829520552
2	0.0%	.00019659041105	.00019659041105
2	0.0%	.00101599684467	.00101599684467
8199	97.5%	.00135466245956-.15284664817885	NOTE: Range of values omitted from display
1	0.0%	.15662661868768	.15662661868768
1	0.0%	.15688043792497	.15688043792497
3	0.0%	.17394279479269	.17394279479269
13	0.2%	.18975485579834	.18975485579834
1	0.0%	.22666306341783	.22666306341783

<b>etmd6</b>		Num 8	IGP*PE scope in Algebra- advanced function overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
916	10.9%	0	0
2	0.0%	.00012966108948	.00012966108948
10	0.1%	.00017288145264	.00017288145264
2	0.0%	.00024454105271	.00024454105271
2	0.0%	.00025681791595	.00025681791595
7467	88.8%	.00025932217897-.11532317043546	NOTE: Range of values omitted from display
1	0.0%	.15132033429332	.15132033429332
1	0.0%	.15213358026075	.15213358026075
1	0.0%	.15389495152319	.15389495152319
2	0.0%	.15473387566037	.15473387566037
1	0.0%	.17103367722634	.17103367722634

<b>etmd7</b>		Num 8	IGP*PE scope in Algebra- basic number overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
394	4.7%	0	0
1	0.0%	.00013174327544	.00013174327544
12	0.1%	.00013804431992	.00013804431992
10	0.1%	.00014884777942	.00014884777942
5	0.1%	.0001646790943	.0001646790943
7962	94.7%	.00020948894209-.0780266756697	NOTE: Range of values omitted from display
1	0.0%	.07915665680866	.07915665680866
2	0.0%	.08011206211661	.08011206211661
12	0.1%	.08367658136452	.08367658136452
1	0.0%	.08645709662706	.08645709662706
5	0.1%	.10256331387527	.10256331387527

<b>etmd8</b>		Num 8	IGP*PE scope in Algebra- advanced number overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
75	0.9%	0	0
2	0.0%	.00021120922014	.00021120922014

1	0.0%	.00078949742862	.00078949742862
20	0.2%	.00173604177273	.00173604177273
1	0.0%	.00217618400524	.00217618400524
8286	98.6%	.00229925001846-.15477424487944	NOTE: Range of values omitted from display
15	0.2%	.15931875988273	.15931875988273
1	0.0%	.16130322322484	.16130322322484
1	0.0%	.17391529242193	.17391529242193
1	0.0%	.1812912025598	.1812912025598
2	0.0%	.31880941069538	.31880941069538

<b>etmd9</b>		Num 8	IGP*PE scope in Geometry- 2-D overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
58	0.7%	0	0
1	0.0%	.00200802208562	.00200802208562
1	0.0%	.00284941159033	.00284941159033
2	0.0%	.00312336968742	.00312336968742
5	0.1%	.00344401056328	.00344401056328
8312	98.9%	.00379921545377-.4945984778449	NOTE: Range of values omitted from display
7	0.1%	.50642136458858	.50642136458858
1	0.0%	.50785857220127	.50785857220127
1	0.0%	.51224076463311	.51224076463311
15	0.2%	.5451438607352	.5451438607352
2	0.0%	.73756120878473	.73756120878473

<b>etmd10</b>		Num 8	IGP*PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1341	16.0%	0	0
1	0.0%	.0001221497624	.0001221497624
2	0.0%	.00016286634987	.00016286634987
1	0.0%	.00022063716853	.00022063716853
11	0.1%	.0002442995248	.0002442995248
7023	83.6%	.00032573269974-.06956470380495	NOTE: Range of values omitted from display

4	0.0%	.07031340773859	.07031340773859
1	0.0%	.0789418273476	.0789418273476
12	0.1%	.08145917796931	.08145917796931
7	0.1%	.08372649317043	.08372649317043
2	0.0%	.10547011160789	.10547011160789

<b>etmd11</b>		Num 8	IGP*PE scope in Geometry- conic sections and their equations, and equations for lines and planes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
58	0.7%	0	0
1	0.0%	.00101943515993	.00101943515993
2	0.0%	.00135924687991	.00135924687991
4	0.0%	.00203887031987	.00203887031987
2	0.0%	.00243488613986	.00243488613986
8313	98.9%	.00271849375982-.20155438341758	NOTE: Range of values omitted from display
1	0.0%	.20506517161453	.20506517161453
1	0.0%	.20526326845457	.20526326845457
1	0.0%	.23816502001631	.23816502001631
19	0.2%	.24590224498151	.24590224498151
3	0.0%	.34470151179739	.34470151179739

<b>etmd12</b>		Num 8	IGP*PE scope in Geometry- transformation, congruence and similarity overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
440	5.2%	0	0
2	0.0%	.00010740766786	.00010740766786
1	0.0%	.00014321022382	.00014321022382
1	0.0%	.00021481533573	.00021481533573
10	0.1%	.00026498034267	.00026498034267
7917	94.2%	.00042963067146-.12703053138269	NOTE: Range of values omitted from display
2	0.0%	.12732430220284	.12732430220284
1	0.0%	.12954894207338	.12954894207338
9	0.1%	.1375762939767	.1375762939767
2	0.0%	.1484625546015	.1484625546015

20	0.2%	.17130190502201	.17130190502201
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<b>etmd13</b>			
		Num 8	IGP*PE scope in Numbers and arithmetic- whole numbers overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
702	8.4%	0	0
4	0.0%	.00005041598684	.00005041598684
1	0.0%	.00006701902665	.00006701902665
2	0.0%	.00006722131579	.00006722131579
31	0.4%	.00007409171844	.00007409171844
7624	90.7%	.00007540400934-.03419873687794	NOTE: Range of values omitted from display
20	0.2%	.03447385319667	.03447385319667
1	0.0%	.03487815231461	.03487815231461
1	0.0%	.04239656875276	.04239656875276
1	0.0%	.04927441175108	.04927441175108
18	0.2%	.10641109917621	.10641109917621

<b>etmd14</b>			
		Num 8	IGP*PE scope in Fractions overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
258	3.1%	0	0
1	0.0%	.0000848239693	.0000848239693
16	0.2%	.0001696479386	.0001696479386
3	0.0%	.00019739806322	.00019739806322
3	0.0%	.00022489525241	.00022489525241
8069	96.0%	.00026319741762-.36637955394433	NOTE: Range of values omitted from display
6	0.1%	.40069882212782	.40069882212782
10	0.1%	.48138756489599	.48138756489599
18	0.2%	.50966824567147	.50966824567147
20	0.2%	.58916090469436	.58916090469436
1	0.0%	.6555860865740401	.6555860865740401

<b>etmd15</b>			
		Num 8	IGP*PE scope in Number theory overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2627	31.3%	0	0

3	0.0%	.00008272484123	.00008272484123
3	0.0%	.00009306544638	.00009306544638
2	0.0%	.00009389074148	.00009389074148
20	0.2%	.00012408726185	.00012408726185
5657	67.3%	.00014890471422-.02759820527042	NOTE: Range of values omitted from display
1	0.0%	.02802789998721	.02802789998721
5	0.1%	.02829682947064	.02829682947064
3	0.0%	.02891194741775	.02891194741775
6	0.1%	.0305143600618	.0305143600618
78	0.9%	.03196874054178	.03196874054178

<b>etmd16</b>		Num 8	IGP*PE scope in Discrete math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1505	17.9%	0	0
2	0.0%	.00010142170769	.00010142170769
6	0.1%	.00015213256153	.00015213256153
46	0.5%	.00020284341538	.00020284341538
1	0.0%	.00021146006072	.00021146006072
6810	81.0%	.00024530456882-.05365837016178	NOTE: Range of values omitted from display
2	0.0%	.05458454500939	.05458454500939
13	0.2%	.05502373226436	.05502373226436
1	0.0%	.05714764786746	.05714764786746
13	0.2%	.06041584691561	.06041584691561
6	0.1%	.06085679300258	.06085679300258

<b>etmd17</b>		Num 8	IGP*PE scope in Estimation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
401	4.8%	0	0
22	0.3%	.00001152740155	.00001152740155
1	0.0%	.00001383288186	.00001383288186
21	0.2%	.00001729110233	.00001729110233
3	0.0%	.00002305480311	.00002305480311
7887	93.8%	.0000275937391-.03928525869726	NOTE: Range of values omitted from display

3	0.0%	.03954172499087	.03954172499087
6	0.1%	.0402978911482	.0402978911482
1	0.0%	.04390518288568	.04390518288568
54	0.6%	.05104474885923	.05104474885923
6	0.1%	.05776495545095	.05776495545095

<b>etmd18</b>		Num 8	IGP*PE scope in Measurement overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
751	8.9%	0	0
1	0.0%	.00001326091135	.00001326091135
4	0.0%	.00001591309363	.00001591309363
24	0.3%	.00001989136703	.00001989136703
1	0.0%	.0000227329909	.0000227329909
7606	90.5%	.00002652182271-.05888239714355	NOTE: Range of values omitted from display
2	0.0%	.05897815276003	.05897815276003
3	0.0%	.08608457556397	.08608457556397
1	0.0%	.08674819327207	.08674819327207
2	0.0%	.08689180676292	.08689180676292
10	0.1%	.17009845574975	.17009845574975

<b>etmd19</b>		Num 8	IGP*PE scope in Perimeter, area, and volume overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
240	2.9%	0	0
2	0.0%	.00006063777053	.00006063777053
1	0.0%	.00041902621475	.00041902621475
1	0.0%	.00051835042276	.00051835042276
7	0.1%	.00055870161967	.00055870161967
8135	96.8%	.00069113389702-.10503520640799	NOTE: Range of values omitted from display
1	0.0%	.11404944892366	.11404944892366
12	0.1%	.13469270852517	.13469270852517
3	0.0%	.14287850299471	.14287850299471
1	0.0%	.14623721857526	.14623721857526
2	0.0%	.14959593415582	.14959593415582

<b>etmd20</b>		Num 8	IGP*PE scope in Probability- proportionality concepts overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
413	4.9%	0	0
7	0.1%	.00003324760017	.00003324760017
1	0.0%	.00004433013356	.00004433013356
3	0.0%	.00005305767019	.00005305767019
2	0.0%	.00005451940584	.00005451940584
7947	94.6%	.00005886829241-.05483294582024	NOTE: Range of values omitted from display
2	0.0%	.05891311110029	.05891311110029
1	0.0%	.06463714088176	.06463714088176
1	0.0%	.06629564316774	.06629564316774
10	0.1%	.10966589164049	.10966589164049
18	0.2%	.13520810371386	.13520810371386

<b>etmd21</b>		Num 8	IGP*PE scope in Probability- proportionality problems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
407	4.8%	0	0
2	0.0%	.00006091794994	.00006091794994
1	0.0%	.00009137692491	.00009137692491
1	0.0%	.00035478284481	.00035478284481
1	0.0%	.00053217426722	.00053217426722
7962	94.7%	.00055929598063-.05203114890252	NOTE: Range of values omitted from display
1	0.0%	.05333934869325	.05333934869325
22	0.3%	.05511382399008	.05511382399008
3	0.0%	.06179885114844	.06179885114844
2	0.0%	.06655100775202	.06655100775202
3	0.0%	.08942537527592	.08942537527592

<b>etmd22</b>		Num 8	IGP*PE scope in Probability- linear interpolation and extrapolation overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4696	55.9%	0	0



6	0.1%	.00002682740024	.00002682740024
31	0.4%	.00003576986698	.00003576986698
20	0.2%	.00005365480048	.00005365480048
2	0.0%	.00006131977197	.00006131977197
3543	42.2%	.00007153973397-.00607455997679	NOTE: Range of values omitted from display
3	0.0%	.00614162934132	.00614162934132
1	0.0%	.00626886253457	.00626886253457
78	0.9%	.00665746765014	.00665746765014
2	0.0%	.0067667303517	.0067667303517
23	0.3%	.00687599305326	.00687599305326

<b>etmd23</b>		Num 8	IGP*PE scope in Trigonometry overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
714	8.5%	0	0
1	0.0%	.00049686598148	.00049686598148
1	0.0%	.0009797011818	.0009797011818
1	0.0%	.00122351696883	.00122351696883
1	0.0%	.0013380078286	.0013380078286
7622	90.7%	.00139830510723-.13586498107744	NOTE: Range of values omitted from display
3	0.0%	.13870562811361	.13870562811361
1	0.0%	.14404951699745	.14404951699745
1	0.0%	.14672146143937	.14672146143937
41	0.5%	.15541446481757	.15541446481757
19	0.2%	.19400858847725	.19400858847725

<b>etmd24</b>		Num 8	IGP*PE scope in Statistics- data representation and analysis overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
456	5.4%	0	0
3	0.0%	.00014190875997	.00014190875997
13	0.2%	.00017738594997	.00017738594997
38	0.5%	.00023651459996	.00023651459996
2	0.0%	.00023698301742	.00023698301742
7851	93.4%	.00028381751995-.12561699070266	NOTE: Range of values omitted from display

3	0.0%	.13555136207004	.13555136207004
23	0.3%	.1388994569749	.1388994569749
1	0.0%	.17845455492252	.17845455492252
2	0.0%	.23354139054143	.23354139054143
13	0.2%	.34233146024512	.34233146024512

<b>etmd25</b>		Num 8	IGP*PE scope in Statistics- uncertainty and probability overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
411	4.9%	0	0
1	0.0%	.00017965177012	.00017965177012
1	0.0%	.00038522664582	.00038522664582
2	0.0%	.00053895531037	.00053895531037
2	0.0%	.00057783996873	.00057783996873
7968	94.8%	.00069340796248-.20528632825118	NOTE: Range of values omitted from display
1	0.0%	.21204502311752	.21204502311752
1	0.0%	.21285154948602	.21285154948602
1	0.0%	.22644301854632	.22644301854632
13	0.2%	.26336015581273	.26336015581273
4	0.0%	.28380206598136	.28380206598136

<b>etmd26</b>		Num 8	IGP*PE scope in Calculus- infinite process overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2351	28.0%	0	0
2	0.0%	.00013790792091	.00013790792091
8	0.1%	.00017238490114	.00017238490114
28	0.3%	.00022984653486	.00022984653486
1	0.0%	.00023184175332	.00023184175332
5992	71.3%	.00027581584183-.19826661247602	NOTE: Range of values omitted from display
7	0.1%	.1985413059979	.1985413059979
1	0.0%	.20038773894706	.20038773894706
13	0.2%	.21808009158157	.21808009158157
1	0.0%	.24282746037489	.24282746037489
1	0.0%	.32236178731225	.32236178731225

<b>etmd27</b>		Num 8	IGP*PE scope in Calculus- change overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1767	21.0%	0	0
1	0.0%	.00035495124618	.00035495124618
5	0.1%	.00040565856707	.00040565856707
2	0.0%	.00043528884585	.00043528884585
12	0.1%	.00047326832825	.00047326832825
6588	78.4%	.0005679219939-.47544567551446	NOTE: Range of values omitted from display
19	0.2%	.4784691743837	.4784691743837
1	0.0%	.48001416376196	.48001416376196
8	0.1%	.48200937064592	.48200937064592
1	0.0%	.57645322553772	.57645322553772
1	0.0%	.62358062939541	.62358062939541

<b>etmd28</b>		Num 8	IGP*PE scope in Validation and structuring overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1113	13.2%	0	0
1	0.0%	.00001283629071	.00001283629071
2	0.0%	.00017963317403	.00017963317403
10	0.1%	.00020132795451	.00020132795451
14	0.2%	.00026843727268	.00026843727268
7238	86.1%	.00031270532169-.13200350705384	NOTE: Range of values omitted from display
4	0.0%	.13408228143103	.13408228143103
5	0.1%	.13947681967337	.13947681967337
4	0.0%	.14506068754463	.14506068754463
12	0.1%	.15245638649665	.15245638649665
2	0.0%	.17590608016186	.17590608016186

<b>etmd29</b>		Num 8	IGP*PE scope in other topics overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
528	6.3%	0	0
8	0.1%	.00016849743334	.00016849743334

32	0.4%	.00022466324445	.00022466324445
1	0.0%	.00023129166918	.00023129166918
1	0.0%	.00024314251301	.00024314251301
7780	92.6%	.00026024384405-.13750311401288	NOTE: Range of values omitted from display
18	0.2%	.16620734716568	.16620734716568
1	0.0%	.17722424660522	.17722424660522
6	0.1%	.18328550811141	.18328550811141
10	0.1%	.18802891511567	.18802891511567
20	0.2%	.32699496592239	.32699496592239

<b>etma1y1</b>		Num 8	Unweighted scope in Algebra- pre-equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
803	9.6%	0	0
22	0.3%	.00046977840372	.00046977840372
40	0.5%	.00079425369099	.00079425369099
17	0.2%	.00093955680745	.00093955680745
2	0.0%	.00096511481171	.00096511481171
4204	50.0%	.00135350174237-.09263882927619	NOTE: Range of values omitted from display
701	8.3%	.10045344225899	.10045344225899
3	0.0%	.10197775012617	.10197775012617
34	0.4%	.11300304578013	.11300304578013
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma2y1</b>		Num 8	Unweighted scope in Algebra- basic equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
125	1.5%	0	0
2	0.0%	.00405129302997	.00405129302997
60	0.7%	.00551960344582	.00551960344582
60	0.7%	.00810258605994	.00810258605994
146	1.7%	.00974948708124	.00974948708124
5233	62.3%	.01053510037632-.39650083477959	NOTE: Range of values omitted from display

26	0.3%	.43412666794269	.43412666794269
47	0.6%	.44153584624122	.44153584624122
127	1.5%	.4506118377794	.4506118377794
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma3y1</b>		Num 8	Unweighted scope in Algebra- advanced equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
217	2.6%	0	0
5	0.1%	.00109578905127	.00109578905127
5	0.1%	.00184463138678	.00184463138678
16	0.2%	.00244738271139	.00244738271139
1	0.0%	.0025157326092	.0025157326092
5550	66.0%	.00358798095019-.35059837191861	NOTE: Range of values omitted from display
1	0.0%	.38682308680365	.38682308680365
7	0.1%	.4392271391833	.4392271391833
24	0.3%	.5423353442017	.5423353442017
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma4y1</b>		Num 8	Unweighted scope in Algebra- number patterns, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2558	30.4%	0	0
1	0.0%	.00033837543559	.00033837543559
2	0.0%	.00034681947892	.00034681947892
1	0.0%	.00041630218886	.00041630218886
121	1.4%	.00048578489881	.00048578489881
3103	36.9%	.00067675087118-.02105656912839	NOTE: Range of values omitted from display
20	0.2%	.02388819151165	.02388819151165
15	0.2%	.02994702910827	.02994702910827
5	0.1%	.04211313825679	.04211313825679
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etma5y1</b>		Num 8	Unweighted scope in Algebra- basic function, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
624	7.4%	0	0
2	0.0%	.00014376904375	.00014376904375
3	0.0%	.00021565356562	.00021565356562
3	0.0%	.00032348034844	.00032348034844
146	1.7%	.00043130713125	.00043130713125
5019	59.7%	.00168106034255-.16198718309838	NOTE: Range of values omitted from display
3	0.0%	.19107024550303	.19107024550303
25	0.3%	.2069082946904	.2069082946904
1	0.0%	.29575908466064	.29575908466064
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma6y1</b>		Num 8	Unweighted scope in Algebra- advanced function, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2664	31.7%	0	0
1	0.0%	.00049654254206	.00049654254206
23	0.3%	.00060450565187	.00060450565187
3	0.0%	.00062145594023	.00062145594023
7	0.1%	.00099308508413	.00099308508413
3047	36.3%	.00120901130374-.05606465094271	NOTE: Range of values omitted from display
19	0.2%	.06550625387832	.06550625387832
38	0.5%	.06631631672851	.06631631672851
24	0.3%	.07211477558876	.07211477558876
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma7y1</b>		Num 8	Unweighted scope in Algebra- basic number, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
786	9.4%	0	0
1	0.0%	.0007711441016	.0007711441016
3	0.0%	.00096656666972	.00096656666972
22	0.3%	.00106963383714	.00106963383714
25	0.3%	.0014539253647	.0014539253647
4503	53.6%	.00159064820509-.07306158515344	NOTE: Range of values omitted from display
278	3.3%	.07695403767528	.07695403767528
90	1.1%	.08010054847886	.08010054847886
118	1.4%	.09571479106769	.09571479106769
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma8y1</b>		Num 8	Unweighted scope in Algebra- advanced number, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
493	5.9%	0	0
1	0.0%	.00025736394979	.00025736394979
53	0.6%	.00051472789958	.00051472789958
2	0.0%	.0008138305257	.0008138305257
60	0.7%	.00174209546878	.00174209546878
5164	61.4%	.00192862000362-.15875718161167	NOTE: Range of values omitted from display
2	0.0%	.196797006897	.196797006897
3	0.0%	.23091548667812	.23091548667812
48	0.6%	.25445821111553	.25445821111553
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma9y1</b>		Num 8	Unweighted scope in Geometry- 2-D, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
6	0.1%	.00303884471471	.00303884471471
19	0.2%	.00471989384441	.00471989384441

127	1.5%	.0064009429741	.0064009429741
21	0.2%	.00721723476156	.00721723476156
5429	64.6%	.00831724064606-.53950293072485	NOTE: Range of values omitted from display
22	0.3%	.5698177045632	.5698177045632
144	1.7%	.61021772061955	.61021772061955
53	0.6%	.6299960948271101	.6299960948271101
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma10y1</b>		Num 8	Unweighted scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3163	37.6%	0	0
3	0.0%	.00052215750938	.00052215750938
5	0.1%	.00104431501876	.00104431501876
3	0.0%	.00111098645753	.00111098645753
3	0.0%	.00114113112945	.00114113112945
2427	28.9%	.00123555861657-.09813328004475	NOTE: Range of values omitted from display
146	1.7%	.10542626955815	.10542626955815
16	0.2%	.10771108511223	.10771108511223
60	0.7%	.1329947403824	.1329947403824
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma11y1</b>		Num 8	Unweighted scope in Geometry- conic sections and their equations, and equations for lines and planes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
19	0.2%	.00326286496751	.00326286496751
5	0.1%	.00556109814138	.00556109814138
10	0.1%	.00661625772056	.00661625772056
39	0.5%	.00668213611588	.00668213611588
5678	67.6%	.00669463111003-.18629163664512	NOTE: Range of values omitted from display



1	0.0%	.1867032164316	.1867032164316
48	0.6%	.19378311015248	.19378311015248
21	0.2%	.31430500019065	.31430500019065
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma12y1</b>		Num 8	Unweighted scope in Geometry- transformation, congruence and similarity, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
788	9.4%	0	0
38	0.5%	.00041723856339	.00041723856339
1	0.0%	.00075088292315	.00075088292315
725	8.6%	.00083447712679	.00083447712679
2	0.0%	.00137386506951	.00137386506951
4064	48.4%	.0015017658463-.21119310353048	NOTE: Range of values omitted from display
2	0.0%	.21574963769679	.21574963769679
60	0.7%	.2224275241798	.2224275241798
146	1.7%	.23438021835411	.23438021835411
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma13y1</b>		Num 8	UNWEIGHTED SCOPE IN WHOLE NUM Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
967	11.5%	0	0
3	0.0%	.00090214266148	.00090214266148
4	0.0%	.00104816310945	.00104816310945
1	0.0%	.00106276187639	.00106276187639
1	0.0%	.00108977652838	.00108977652838
4081	48.6%	.00109858347634-.07964914976142	NOTE: Range of values omitted from display
1	0.0%	.07999758711498	.07999758711498
67	0.8%	.0875013540189	.0875013540189
701	8.3%	.10242281251113	.10242281251113

148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma14y1</b>		Num 8	UNWEIGHTED SCOPE IN FRACTIONS Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
507	6.0%	0	0
55	0.7%	.00023518748796	.00023518748796
146	1.7%	.000575076175	.000575076175
21	0.2%	.0006818081649	.0006818081649
3	0.0%	.00097501499868	.00097501499868
5082	60.5%	.00104519556439-.22148329813439	NOTE: Range of values omitted from display
10	0.1%	.24681732605662	.24681732605662
1	0.0%	.25813027529063	.25813027529063
1	0.0%	.5090546995158201	.5090546995158201
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma15y1</b>		Num 8	UNWEIGHTED SCOPE IN NUM THEORY Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2321	27.6%	0	0
1	0.0%	.00017301864408	.00017301864408
24	0.3%	.00025952796613	.00025952796613
144	1.7%	.00051905593226	.00051905593226
1	0.0%	.00090002199054	.00090002199054
3212	38.2%	.001364809519-.03634164314466	NOTE: Range of values omitted from display
41	0.5%	.03716499601518	.03716499601518
67	0.8%	.05331372924316	.05331372924316
15	0.2%	.06462121174318	.06462121174318
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma16y1</b>		Num 8	UNWEIGHTED SCOPE IN DISCRET MATH Y1
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
2919	34.7%	0	0
1	0.0%	.00014476743988	.00014476743988
2	0.0%	.00028953487977	.00028953487977
25	0.3%	.00033989214393	.00033989214393
11	0.1%	.00065378745309	.00065378745309
2797	33.3%	.00067978428786-.03246773404251	NOTE: Range of values omitted from display
39	0.5%	.03265253899179	.03265253899179
1	0.0%	.03840026248987	.03840026248987
31	0.4%	.05363559541115	.05363559541115
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

etma17y1			
		Num 8	UNWEIGHTED SCOPE IN ESTIMATION Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1113	13.2%	0	0
8	0.1%	.00053441161599	.00053441161599
23	0.3%	.00073928285639	.00073928285639
4	0.0%	.00074548157056	.00074548157056
1	0.0%	.00089043081767	.00089043081767
3875	46.1%	.00106882323198-.0397942140057	NOTE: Range of values omitted from display
725	8.6%	.0409440461283	.0409440461283
36	0.4%	.04716279389195	.04716279389195
41	0.5%	.05801985289701	.05801985289701
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

etma18y1			
		Num 8	UNWEIGHTED SCOPE IN MEASUREMENT Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1587	18.9%	0	0
5	0.1%	.00013169477318	.00013169477318

24	0.3%	.00019754215978	.00019754215978
2	0.0%	.00022484966031	.00022484966031
8	0.1%	.00033727449046	.00033727449046
4150	49.4%	.00039508431956-.06551727976869	NOTE: Range of values omitted from display
39	0.5%	.06910957163549	.06910957163549
10	0.1%	.07554383815271	.07554383815271
1	0.0%	.09420548653532	.09420548653532
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma19y1</b>		Num 8	UNWEIGHTED SCOPE IN PERIM AREA Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
446	5.3%	0	0
1	0.0%	.00152121175619	.00152121175619
19	0.2%	.00159369829508	.00159369829508
26	0.3%	.00202900913269	.00202900913269
118	1.4%	.00227609191552	.00227609191552
5146	61.2%	.00255177373402-.12991931833612	NOTE: Range of values omitted from display
1	0.0%	.13194221567113	.13194221567113
16	0.2%	.16642077730779	.16642077730779
53	0.6%	.18091116731707	.18091116731707
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma20y1</b>		Num 8	UNWEIGHTED SCOPE IN PROP CONCEPT Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
415	4.9%	0	0
1	0.0%	.00020995323393	.00020995323393
25	0.3%	.00041990646787	.00041990646787
1	0.0%	.00160764424233	.00160764424233
16	0.2%	.00174599864166	.00174599864166
5345	63.6%	.00183009450074-.03488737755955	NOTE: Range of values omitted from display

1	0.0%	.04029222700124	.04029222700124
1	0.0%	.05386439282857	.05386439282857
21	0.2%	.05993186191614	.05993186191614
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma21y1</b>		Num 8	UNWEIGHTED SCOPE IN PROP PROBLEM Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
275	3.3%	0	0
1	0.0%	.00215862016405	.00215862016405
3	0.0%	.00249861639057	.00249861639057
1	0.0%	.00253264962634	.00253264962634
47	0.6%	.00277746614384	.00277746614384
5453	64.9%	.00297975530061-.04726598455697	NOTE: Range of values omitted from display
38	0.5%	.04768730815698	.04768730815698
2	0.0%	.04914273832084	.04914273832084
6	0.1%	.05286697621203	.05286697621203
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma22y1</b>		Num 8	UNWEIGHTED SCOPE IN LINEAR INTRP Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4335	51.6%	0	0
38	0.5%	.000088808084	.000088808084
5	0.1%	.00011841077867	.00011841077867
46	0.5%	.00017761616801	.00017761616801
1	0.0%	.00023682155735	.00023682155735
1319	15.7%	.00035523233603-.0041557974454	NOTE: Range of values omitted from display
41	0.5%	.00488025200199	.00488025200199
26	0.3%	.00560658483014	.00560658483014
15	0.2%	.0083115948908	.0083115948908
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etma23y1</b>			
		Num 8	UNWEIGHTED SCOPE IN TRIGONOMETRY Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1452	17.3%	0	0
1	0.0%	.00295101984043	.00295101984043
41	0.5%	.00325350133466	.00325350133466
49	0.6%	.0041291716399	.0041291716399
3	0.0%	.00437030777424	.00437030777424
4236	50.4%	.00477100628708-.12134942075441	NOTE: Range of values omitted from display
24	0.3%	.13581477612837	.13581477612837
15	0.2%	.14003030481043	.14003030481043
5	0.1%	.16864869775758	.16864869775758
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma24y1</b>			
		Num 8	UNWEIGHTED SCOPE IN DATA REP Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1048	12.5%	0	0
2	0.0%	.00011242483015	.00011242483015
7	0.1%	.00016863724523	.00016863724523
4	0.0%	.00022484966031	.00022484966031
144	1.7%	.00033727449046	.00033727449046
4592	54.6%	.00040352644709-.13768621661722	NOTE: Range of values omitted from display
2	0.0%	.13885117977218	.13885117977218
26	0.3%	.13967589680195	.13967589680195
1	0.0%	.16442943144666	.16442943144666
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma25y1</b>			
		Num 8	UNWEIGHTED SCOPE IN UNCERTAINTY Y1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1209	14.4%	0	0
1	0.0%	.00085187121305	.00085187121305
5	0.1%	.00171564272986	.00171564272986
3	0.0%	.00253226519896	.00253226519896
60	0.7%	.0026146604908	.0026146604908
4542	54.0%	.00353474262945-.0876984356332	NOTE: Range of values omitted from display
2	0.0%	.0947162295761	.0947162295761
3	0.0%	.10585027229663	.10585027229663
1	0.0%	.13218522098736	.13218522098736
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma26y1</b>		Num 8	UNWEIGHTED SCOPE IN INFINITE PRO Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4338	51.6%	0	0
24	0.3%	.00050580726926	.00050580726926
1	0.0%	.00067440969235	.00067440969235
701	8.3%	.00101161453853	.00101161453853
23	0.3%	.00106505475245	.00106505475245
713	8.5%	.0014539253647-.10424407905562	NOTE: Range of values omitted from display
1	0.0%	.11342804348628	.11342804348628
24	0.3%	.11623747116136	.11623747116136
1	0.0%	.12833516600715	.12833516600715
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma27y1</b>		Num 8	UNWEIGHTED SCOPE IN CHANGE Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3053	36.3%	0	0
25	0.3%	.00109702836953	.00109702836953
3	0.0%	.00127743721049	.00127743721049

2	0.0%	.00129680322623	.00129680322623
1	0.0%	.00149906166548	.00149906166548
2691	32.0%	.00152875020529-.02240126098508	NOTE: Range of values omitted from display
2	0.0%	.02364063135136	.02364063135136
48	0.6%	.02488000171765	.02488000171765
1	0.0%	.02858505720728	.02858505720728
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma28y1</b>		Num 8	UNWEIGHTED SCOPE IN VALIDATION Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2211	26.3%	0	0
38	0.5%	.00083323984315	.00083323984315
72	0.9%	.00097156979762	.00097156979762
1	0.0%	.00124604416565	.00124604416565
4	0.0%	.00145735469643	.00145735469643
3373	40.1%	.0016664796863-.12249885144537	NOTE: Range of values omitted from display
104	1.2%	.12566222195253	.12566222195253
2	0.0%	.12790911600331	.12790911600331
21	0.2%	.13781768469701	.13781768469701
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma29y1</b>		Num 8	UNWEIGHTED SCOPE IN OTHER TOPICS Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1425	17.0%	0	0
9	0.1%	.00069918535018	.00069918535018
3	0.0%	.00084490625349	.00084490625349
15	0.2%	.00104692513422	.00104692513422
19	0.2%	.00139837070036	.00139837070036
4319	51.4%	.00168981250699-.08865695255194	NOTE: Range of values omitted from display
34	0.4%	.12524706077864	.12524706077864



1	0.0%	.16293938395223	.16293938395223
1	0.0%	.30034330122884	.30034330122884
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb1y1</b>		Num 8	IGP scope in Algebra- pre-equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
803	9.6%	0	0
22	0.3%	.00041807749407	.00041807749407
40	0.5%	.00071604750422	.00071604750422
17	0.2%	.00083615498815	.00083615498815
2	0.0%	.00085261868023	.00085261868023
4887	58.1%	.00123819935946-.08091789561579	NOTE: Range of values omitted from display
18	0.2%	.08518654507363	.08518654507363
3	0.0%	.09832547257728	.09832547257728
34	0.4%	.0993961605225	.0993961605225
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb2y1</b>		Num 8	IGP scope in Algebra- basic equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
125	1.5%	0	0
2	0.0%	.00390874619231	.00390874619231
60	0.7%	.00655352243888	.00655352243888
60	0.7%	.00781749238462	.00781749238462
1	0.0%	.0109277264729	.0109277264729
5378	64.0%	.01095351907947-.41848185551899	NOTE: Range of values omitted from display
26	0.3%	.43704103882344	.43704103882344
47	0.6%	.45034793465987	.45034793465987
127	1.5%	.48369407370817	.48369407370817
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmb3y1</b>			
		Num 8	IGP scope in Algebra- advanced equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
217	2.6%	0	0
5	0.1%	.00157792519291	.00157792519291
5	0.1%	.00260171089486	.00260171089486
1	0.0%	.00295310570033	.00295310570033
16	0.2%	.00338629902931	.00338629902931
5550	66.0%	.00376859800662-.38381389792879	NOTE: Range of values omitted from display
1	0.0%	.41315935756307	.41315935756307
7	0.1%	.47504968609964	.47504968609964
24	0.3%	.57559937766627	.57559937766627
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb4y1</b>			
		Num 8	IGP scope in Algebra- number patterns, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2558	30.4%	0	0
2	0.0%	.00034173810116	.00034173810116
1	0.0%	.00048308295527	.00048308295527
1	0.0%	.00049012057978	.00049012057978
121	1.4%	.00062442780938	.00062442780938
3103	36.9%	.00093170287404-.02488423828213	NOTE: Range of values omitted from display
20	0.2%	.02877649766211	.02877649766211
15	0.2%	.03951353885191	.03951353885191
5	0.1%	.04976847656426	.04976847656426
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb5y1</b>			
		Num 8	IGP scope in Algebra- basic function, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
624	7.4%	0	0
2	0.0%	.00012405548434	.00012405548434
3	0.0%	.00018608322651	.00018608322651
3	0.0%	.00027912483977	.00027912483977
146	1.7%	.00037216645303	.00037216645303
5019	59.7%	.00186679477915-.16421417784439	NOTE: Range of values omitted from display
3	0.0%	.20817822649211	.20817822649211
25	0.3%	.21236360609648	.21236360609648
1	0.0%	.31727008625171	.31727008625171
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb6y1</b>		Num 8	IGP scope in Algebra- advanced function, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2664	31.7%	0	0
1	0.0%	.00052724247031	.00052724247031
3	0.0%	.00056372179422	.00056372179422
23	0.3%	.00086490806184	.00086490806184
7	0.1%	.00105448494062	.00105448494062
3047	36.3%	.00112744358844-.06183392950587	NOTE: Range of values omitted from display
24	0.3%	.07681344775817	.07681344775817
19	0.2%	.0843246727897	.0843246727897
38	0.5%	.09092221387399	.09092221387399
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb7y1</b>		Num 8	IGP scope in Algebra- basic number, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
786	9.4%	0	0
16	0.2%	.0003078453663	.0003078453663
1	0.0%	.00058570039114	.00058570039114

2	0.0%	.00079184056542	.00079184056542
3	0.0%	.00092497327194	.00092497327194
4805	57.2%	.0014020932443-.07234869228243	NOTE: Range of values omitted from display
90	1.1%	.07261094997041	.07261094997041
5	0.1%	.0810951755342	.0810951755342
118	1.4%	.09072841663043	.09072841663043
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb8y1</b>		Num 8	IGP scope in Algebra- advanced number, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
493	5.9%	0	0
1	0.0%	.00031668693837	.00031668693837
53	0.6%	.00063337387674	.00063337387674
2	0.0%	.00093219935219	.00093219935219
60	0.7%	.00137499097822	.00137499097822
5164	61.4%	.00193301539766-.16315535033113	NOTE: Range of values omitted from display
2	0.0%	.18568526326562	.18568526326562
3	0.0%	.23096207403767	.23096207403767
48	0.6%	.23615277113143	.23615277113143
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb9y1</b>		Num 8	IGP scope in Geometry- 2-D, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
6	0.1%	.00326267108857	.00326267108857
19	0.2%	.00489614436283	.00489614436283
127	1.5%	.00652961763708	.00652961763708
21	0.2%	.00654662239581	.00654662239581
5386	64.1%	.00692097280702-.46382822537407	NOTE: Range of values omitted from display
65	0.8%	.46596942696225	.46596942696225

144	1.7%	.49152058688198	.49152058688198
53	0.6%	.5383664411220001	.5383664411220001
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb10y1</b>		Num 8	IGP scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3163	37.6%	0	0
3	0.0%	.0005052079713	.0005052079713
3	0.0%	.00064396873791	.00064396873791
5	0.1%	.0010104159426	.0010104159426
3	0.0%	.00113723972755	.00113723972755
2422	28.8%	.00128793747582-.08708782311511	NOTE: Range of values omitted from display
146	1.7%	.08813922715498	.08813922715498
21	0.2%	.09133447422032	.09133447422032
60	0.7%	.11037474323425	.11037474323425
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb11y1</b>		Num 8	IGP scope in Geometry- conic sections and their equations, and equations for lines and planes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
5	0.1%	.00474246256991	.00474246256991
19	0.2%	.00537023023738	.00537023023738
1	0.0%	.00704343927538	.00704343927538
3	0.0%	.00708145665488	.00708145665488
5756	68.5%	.00740649539304-.18514606042735	NOTE: Range of values omitted from display
1	0.0%	.20455668661088	.20455668661088
15	0.2%	.20716091124374	.20716091124374
21	0.2%	.34706659850722	.34706659850722
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmb12y1</b>		Num 8	IGP scope in Geometry- transformation, congruence and similarity, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
788	9.4%	0	0
38	0.5%	.00023000007807	.00023000007807
1	0.0%	.00038431456931	.00038431456931
725	8.6%	.00046000015615	.00046000015615
25	0.3%	.00076862913862	.00076862913862
4005	47.7%	.00186279738421-.14644981534128	NOTE: Range of values omitted from display
146	1.7%	.15249046335052	.15249046335052
38	0.5%	.15936987743594	.15936987743594
60	0.7%	.16154754284322	.16154754284322
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb13y1</b>		Num 8	IGP scope in Numbers and arithmetic- whole numbers, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
967	11.5%	0	0
1	0.0%	.00014515606321	.00014515606321
1	0.0%	.00017917606888	.00017917606888
145	1.7%	.00023591064393	.00023591064393
102	1.2%	.00029031212643	.00029031212643
4523	53.8%	.00032065921106-.03134952826708	NOTE: Range of values omitted from display
1	0.0%	.03483284711775	.03483284711775
19	0.2%	.03571089811861	.03571089811861
67	0.8%	.04216813901525	.04216813901525
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb14y1</b>		Num 8	IGP scope in Fractions, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
507	6.0%	0	0
55	0.7%	.000131978686	.000131978686
21	0.2%	.0004029280913	.0004029280913
2	0.0%	.0004037967663	.0004037967663
3	0.0%	.00068768683351	.00068768683351
5226	62.2%	.00070757572552-.19365913735586	NOTE: Range of values omitted from display
10	0.1%	.20341431942976	.20341431942976
1	0.0%	.25972158322339	.25972158322339
1	0.0%	.51544567128985	.51544567128985
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb15y1</b>		Num 8	IGP scope in Number theory, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2321	27.6%	0	0
1	0.0%	.00012857600706	.00012857600706
24	0.3%	.00019286401059	.00019286401059
144	1.7%	.00038572802119	.00038572802119
1	0.0%	.00070577482069	.00070577482069
3214	38.2%	.00111491774379-.03266794721138	NOTE: Range of values omitted from display
39	0.5%	.03861999540262	.03861999540262
67	0.8%	.04046705473841	.04046705473841
15	0.2%	.05139877818227	.05139877818227
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb16y1</b>		Num 8	IGP scope in Discrete math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2919	34.7%	0	0
1	0.0%	.00019200202598	.00019200202598
2	0.0%	.00038400405197	.00038400405197

25	0.3%	.00046088335236	.00046088335236
11	0.1%	.0004950689111	.0004950689111
2834	33.7%	.0008938598687-.03776481506016	NOTE: Range of values omitted from display
2	0.0%	.04076509639928	.04076509639928
1	0.0%	.04715557200675	.04715557200675
31	0.4%	.06593708589992	.06593708589992
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb17y1</b>		Num 8	IGP scope in Estimation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1113	13.2%	0	0
4	0.0%	.00035038690683	.00035038690683
23	0.3%	.00044644703831	.00044644703831
5	0.1%	.00052558036024	.00052558036024
2	0.0%	.00070077381366	.00070077381366
3851	45.8%	.00076929617593-.02801664020559	NOTE: Range of values omitted from display
725	8.6%	.03154329979697	.03154329979697
67	0.8%	.03171545126886	.03171545126886
36	0.4%	.03254536386497	.03254536386497
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb18y1</b>		Num 8	IGP scope in Measurement, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1587	18.9%	0	0
5	0.1%	.00005081322226	.00005081322226
24	0.3%	.00007621983339	.00007621983339
2	0.0%	.00009050891876	.00009050891876
8	0.1%	.00013576337814	.00013576337814
4145	49.3%	.00015243966679-.03622745761305	NOTE: Range of values omitted from display
15	0.2%	.03832404676814	.03832404676814



39	0.5%	.04807215814297	.04807215814297
1	0.0%	.0633108866782	.0633108866782
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb19y1</b>		Num 8	IGP scope in Perimeter, area, and volume, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
446	5.3%	0	0
8	0.1%	.00099292120944	.00099292120944
1	0.0%	.00150329835066	.00150329835066
19	0.2%	.00187777579332	.00187777579332
2	0.0%	.00194018374644	.00194018374644
5279	62.8%	.00198584241889-.09197013970413	NOTE: Range of values omitted from display
2	0.0%	.09381913085192	.09381913085192
53	0.6%	.11215201294114	.11215201294114
16	0.2%	.13020052575477	.13020052575477
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb20y1</b>		Num 8	IGP scope in Probability- proportionality conceptsY1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
415	4.9%	0	0
1	0.0%	.00013593456518	.00013593456518
25	0.3%	.00027186913037	.00027186913037
1	0.0%	.00053298759705	.00053298759705
16	0.2%	.00071376951546	.00071376951546
5345	63.6%	.00106597519411-.02725086630173	NOTE: Range of values omitted from display
1	0.0%	.02757733863787	.02757733863787
21	0.2%	.04065443848248	.04065443848248
1	0.0%	.04625710578037	.04625710578037
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmb21y1</b>			
		Num 8	IGP scope in Probability- proportionality problems, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
275	3.3%	0	0
1	0.0%	.00149381910613	.00149381910613
3	0.0%	.00182833145011	.00182833145011
1	0.0%	.00211139434502	.00211139434502
1	0.0%	.00211297172164	.00211297172164
5523	65.7%	.00281519246003-.03745398649516	NOTE: Range of values omitted from display
2	0.0%	.03851130121812	.03851130121812
6	0.1%	.04100843339655	.04100843339655
14	0.2%	.04961280632913	.04961280632913
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb22y1</b>			
		Num 8	IGP scope in Probability- linear interpolation and extrapolation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4335	51.6%	0	0
38	0.5%	.0001027973579	.0001027973579
5	0.1%	.00013706314387	.00013706314387
46	0.5%	.00020559471581	.00020559471581
1	0.0%	.00027412628775	.00027412628775
1319	15.7%	.00035114858857-.00464546489216	NOTE: Range of values omitted from display
26	0.3%	.00578152648966	.00578152648966
41	0.5%	.00595066267978	.00595066267978
15	0.2%	.00929092978433	.00929092978433
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb23y1</b>			
		Num 8	IGP scope in Trigonometry, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1452	17.3%	0	0
41	0.5%	.00274645969836	.00274645969836
3	0.0%	.00350629153557	.00350629153557
1	0.0%	.00359777588046	.00359777588046
49	0.6%	.00465216976112	.00465216976112
4236	50.4%	.00578743789614-.13846552446334	NOTE: Range of values omitted from display
24	0.3%	.14208361431756	.14208361431756
15	0.2%	.1498700446063	.1498700446063
5	0.1%	.17275674130275	.17275674130275
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb24y1</b>		Num 8	IGP scope in Statistics- data representation and analysis, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1048	12.5%	0	0
2	0.0%	.00015316893945	.00015316893945
7	0.1%	.00022975340917	.00022975340917
4	0.0%	.0003063378789	.0003063378789
17	0.2%	.00038821481592	.00038821481592
4719	56.1%	.00042386081714-.10889475256985	NOTE: Range of values omitted from display
2	0.0%	.12128585027865	.12128585027865
1	0.0%	.12582463659991	.12582463659991
26	0.3%	.13633174025601	.13633174025601
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb25y1</b>		Num 8	IGP scope in Statistics- uncertainty and probability, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1209	14.4%	0	0
60	0.7%	.00114244634721	.00114244634721
1	0.0%	.00133687447063	.00133687447063

5	0.1%	.00157214161019	.00157214161019
3	0.0%	.0034829417141	.0034829417141
4542	54.0%	.00387714425967-.10828247164502	NOTE: Range of values omitted from display
2	0.0%	.11450701132397	.11450701132397
3	0.0%	.12862566891767	.12862566891767
1	0.0%	.15136061076821	.15136061076821
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb26y1</b>		Num 8	IGP scope in Calculus- infinite process, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4338	51.6%	0	0
24	0.3%	.0006605452717	.0006605452717
1	0.0%	.00088072702894	.00088072702894
701	8.3%	.00132109054341	.00132109054341
23	0.3%	.00154024228219	.00154024228219
713	8.5%	.00223275859018-.13341307036165	NOTE: Range of values omitted from display
24	0.3%	.14165242552675	.14165242552675
1	0.0%	.14303630358127	.14303630358127
1	0.0%	.16248318176904	.16248318176904
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb27y1</b>		Num 8	IGP scope in Calculus- change, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3053	36.3%	0	0
2	0.0%	.001091847945	.001091847945
4	0.0%	.00126129703581	.00126129703581
25	0.3%	.00142054562927	.00142054562927
1	0.0%	.00189966290191	.00189966290191
2690	32.0%	.0019109399613-.02830291819267	NOTE: Range of values omitted from display
2	0.0%	.03100868813046	.03100868813046

1	0.0%	.03355689732468	.03355689732468
48	0.6%	.03371445806825	.03371445806825
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb28y1</b>		Num 8	IGP scope in Validation and structuring, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2211	26.3%	0	0
72	0.9%	.00107357763718	.00107357763718
38	0.5%	.00123427341433	.00123427341433
1	0.0%	.0014811618362	.0014811618362
4	0.0%	.00161036645577	.00161036645577
3373	40.1%	.00177333145926-.14054972954813	NOTE: Range of values omitted from display
104	1.2%	.14278158841285	.14278158841285
2	0.0%	.15094477809625	.15094477809625
21	0.2%	.16218964830899	.16218964830899
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmb29y1</b>		Num 8	IGP scope in other topics, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1425	17.0%	0	0
3	0.0%	.00095040667211	.00095040667211
15	0.2%	.00114027453706	.00114027453706
9	0.1%	.00132556315985	.00132556315985
3	0.0%	.00175047268904	.00175047268904
4335	51.6%	.00190081334423-.0901781190854	NOTE: Range of values omitted from display
1	0.0%	.1224295810403	.1224295810403
34	0.4%	.13255599559939	.13255599559939
1	0.0%	.21828143758007	.21828143758007
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmc1y1</b>			
		Num 8	PE scope in Algebra- pre-equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
803	9.6%	0	0
22	0.3%	.00025370618499	.00025370618499
17	0.2%	.00050741236999	.00050741236999
34	0.4%	.00094012777683	.00094012777683
40	0.5%	.00100943720457	.00100943720457
4855	57.8%	.00116434207473-.10931024500387	NOTE: Range of values omitted from display
18	0.2%	.12403949923683	.12403949923683
34	0.4%	.13309020579074	.13309020579074
3	0.0%	.15139965787006	.15139965787006
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc2y1</b>			
		Num 8	PE scope in Algebra- basic equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
125	1.5%	0	0
60	0.7%	.00314702242225	.00314702242225
2	0.0%	.00439627019292	.00439627019292
146	1.7%	.0080737350969	.0080737350969
60	0.7%	.00879254038584	.00879254038584
4967	59.1%	.00917557483647-.40002003757292	NOTE: Range of values omitted from display
61	0.7%	.41639653922958	.41639653922958
278	3.3%	.41730501829474	.41730501829474
127	1.5%	.43412463781661	.43412463781661
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc3y1</b>			
		Num 8	PE scope in Algebra- advanced equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
217	2.6%	0	0
16	0.2%	.0010240777319	.0010240777319
5	0.1%	.00150939506586	.00150939506586
15	0.2%	.00225293191521	.00225293191521
1	0.0%	.00239182097394	.00239182097394
5508	65.5%	.00320048799613-.36958044475231	NOTE: Range of values omitted from display
1	0.0%	.37657613376302	.37657613376302
24	0.3%	.38252909348281	.38252909348281
39	0.5%	.48261472345026	.48261472345026
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc4y1</b>		Num 8	PE scope in Algebra- number patterns, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2558	30.4%	0	0
1	0.0%	.0002350319442	.0002350319442
34	0.4%	.00047006388841	.00047006388841
2	0.0%	.00065548446655	.00065548446655
5	0.1%	.00094142481423	.00094142481423
3174	37.8%	.00097532248586-.02586123100964	NOTE: Range of values omitted from display
1	0.0%	.02681612849504	.02681612849504
36	0.4%	.02873920182975	.02873920182975
15	0.2%	.04665016272151	.04665016272151
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc5y1</b>		Num 8	PE scope in Algebra- basic function, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
624	7.4%	0	0
2	0.0%	.00006793042251	.00006793042251
3	0.0%	.00010189563376	.00010189563376

3	0.0%	.00015284345064	.00015284345064
146	1.7%	.00020379126753	.00020379126753
5020	59.7%	.00143150467557-.12538553756688	NOTE: Range of values omitted from display
2	0.0%	.12921152667243	.12921152667243
25	0.3%	.13026108855873	.13026108855873
1	0.0%	.19051875197408	.19051875197408
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc6y1</b>		Num 8	PE scope in Algebra- advanced function, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2664	31.7%	0	0
1	0.0%	.00023249734077	.00023249734077
23	0.3%	.00035576768357	.00035576768357
7	0.1%	.00046499468155	.00046499468155
3	0.0%	.00059107560071	.00059107560071
2718	32.3%	.0006799332593-.0438587875199	NOTE: Range of values omitted from display
1	0.0%	.05025699464963	.05025699464963
371	4.4%	.05216171851671	.05216171851671
38	0.5%	.06482211303734	.06482211303734
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc7y1</b>		Num 8	PE scope in Algebra- basic number, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
786	9.4%	0	0
1	0.0%	.00042477764524	.00042477764524
22	0.3%	.00049159033714	.00049159033714
25	0.3%	.00082904510358	.00082904510358
3	0.0%	.00083453465643	.00083453465643
4865	57.9%	.0008778737331-.06162153962048	NOTE: Range of values omitted from display
118	1.4%	.08317415461774	.08317415461774



1	0.0%	.08911900120338	.08911900120338
5	0.1%	.09710136701659	.09710136701659
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc8y1</b>		Num 8	PE scope in Algebra- advanced number, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
493	5.9%	0	0
1	0.0%	.00008865617717	.00008865617717
53	0.6%	.00017731235435	.00017731235435
2	0.0%	.00066376266626	.00066376266626
60	0.7%	.00176485942454	.00176485942454
5064	60.2%	.00254098068032-.12168799208959	NOTE: Range of values omitted from display
102	1.2%	.12587300056096	.12587300056096
48	0.6%	.15263665736744	.15263665736744
3	0.0%	.33731768896286	.33731768896286
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc9y1</b>		Num 8	PE scope in Geometry- 2-D, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
2	0.0%	.00453325652588	.00453325652588
6	0.1%	.00608440081925	.00608440081925
725	8.6%	.00793569045773	.00793569045773
1	0.0%	.00826232814676	.00826232814676
4889	58.2%	.00891640593077-.61477466679334	NOTE: Range of values omitted from display
144	1.7%	.61606682741854	.61606682741854
1	0.0%	.64766071785683	.64766071785683
53	0.6%	.89314624611551	.89314624611551
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmc10y1</b>		Num 8	PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3163	37.6%	0	0
3	0.0%	.00024665490906	.00024665490906
5	0.1%	.00049330981813	.00049330981813
26	0.3%	.00049951220023	.00049951220023
168	2.0%	.00065955723425	.00065955723425
2383	28.4%	.00131777328452-.09690815850213	NOTE: Range of values omitted from display
2	0.0%	.1090582010923	.1090582010923
16	0.2%	.11484534833256	.11484534833256
60	0.7%	.12748073174692	.12748073174692
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc11y1</b>		Num 8	PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
19	0.2%	.00280870596004	.00280870596004
5	0.1%	.00281939864414	.00281939864414
1	0.0%	.00320569425741	.00320569425741
127	1.5%	.00359198987067	.00359198987067
5602	66.7%	.00380519734036-.18775448848531	NOTE: Range of values omitted from display
31	0.4%	.18934857481682	.18934857481682
15	0.2%	.2303134491228	.2303134491228
21	0.2%	.31666198904674	.31666198904674
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc12y1</b>		Num 8	PE scope in Geometry- transformation, congruence and similarity, year
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			1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
788	9.4%	0	0
38	0.5%	.00037080259861	.00037080259861
1	0.0%	.00039179925221	.00039179925221
2	0.0%	.0007372934355	.0007372934355
725	8.6%	.00074160519723	.00074160519723
4028	47.9%	.00078359850443-.19044154204327	NOTE: Range of values omitted from display
146	1.7%	.19920788025101	.19920788025101
60	0.7%	.20003387460635	.20003387460635
38	0.5%	.20119418375255	.20119418375255
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc13y1</b>			Num 8 PE scope in Numbers and arithmetic- whole numbers, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
967	11.5%	0	0
1	0.0%	.00046909267748	.00046909267748
3	0.0%	.00061253966073	.00061253966073
2	0.0%	.00073475495805	.00073475495805
1	0.0%	.00076111855499	.00076111855499
4765	56.7%	.00094024024029-.05915365157368	NOTE: Range of values omitted from display
1	0.0%	.06080958521606	.06080958521606
67	0.8%	.0652400128804	.0652400128804
19	0.2%	.07271427652104	.07271427652104
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc14y1</b>			Num 8 PE scope in Fractions, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
507	6.0%	0	0

55	0.7%	.00028184376548	.00028184376548
21	0.2%	.00040126227226	.00040126227226
1	0.0%	.00052302558408	.00052302558408
1	0.0%	.00072465845126	.00072465845126
5238	62.3%	.00080252454453-.26843899009998	NOTE: Range of values omitted from display
1	0.0%	.27835333388161	.27835333388161
1	0.0%	.2917106740945	.2917106740945
1	0.0%	.53329734807945	.53329734807945
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc15y1</b>		Num 8	PE scope in Number theory, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2321	27.6%	0	0
1	0.0%	.0003269661434	.0003269661434
24	0.3%	.0004904492151	.0004904492151
1	0.0%	.00061188340066	.00061188340066
7	0.1%	.00088788110567	.00088788110567
3385	40.3%	.0009808984302-.0293633467461	NOTE: Range of values omitted from display
67	0.8%	.03181240150647	.03181240150647
15	0.2%	.03357465781786	.03357465781786
5	0.1%	.03385478901292	.03385478901292
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc16y1</b>		Num 8	PE scope in Discrete math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2919	34.7%	0	0
1	0.0%	.00006840216155	.00006840216155
2	0.0%	.00013680432311	.00013680432311
25	0.3%	.00019381044207	.00019381044207
3	0.0%	.00038078146114	.00038078146114

2740	32.6%	.00038762088414-.04312632286149	NOTE: Range of values omitted from display
104	1.2%	.04371838955336	.04371838955336
1	0.0%	.05258977211841	.05258977211841
31	0.4%	.07417453737915	.07417453737915
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc17y1</b>		Num 8	PE scope in Estimation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1113	13.2%	0	0
4	0.0%	.00035861680425	.00035861680425
23	0.3%	.00039925341744	.00039925341744
5	0.1%	.00053792520638	.00053792520638
1	0.0%	.00056036645486	.00056036645486
4564	54.3%	.0007172336085-.04871567753012	NOTE: Range of values omitted from display
39	0.5%	.05530757948344	.05530757948344
36	0.4%	.05564077259213	.05564077259213
41	0.5%	.07883203539529	.07883203539529
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc18y1</b>		Num 8	PE scope in Measurement, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1587	18.9%	0	0
5	0.1%	.00006543995021	.00006543995021
24	0.3%	.00009815992532	.00009815992532
2	0.0%	.00016996602109	.00016996602109
701	8.3%	.00019631985064	.00019631985064
3490	41.5%	.00025494903164-.06362351625542	NOTE: Range of values omitted from display
1	0.0%	.07065758482972	.07065758482972
15	0.2%	.07589615074777	.07589615074777
1	0.0%	.1361682848815	.1361682848815

148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc19y1</b>		Num 8	PE scope in Perimeter, area, and volume, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
446	5.3%	0	0
118	1.4%	.00154542804508	.00154542804508
1	0.0%	.0020940454867	.0020940454867
1	0.0%	.0021769463169	.0021769463169
2	0.0%	.00244339034106	.00244339034106
5190	61.7%	.00255795585548-.15910401934044	NOTE: Range of values omitted from display
1	0.0%	.17069199447128	.17069199447128
14	0.2%	.20705012767613	.20705012767613
53	0.6%	.24927955164256	.24927955164256
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc20y1</b>		Num 8	PE scope in Probability- proportionality concepts Y1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
415	4.9%	0	0
1	0.0%	.00043820157587	.00043820157587
1	0.0%	.00073767511463	.00073767511463
25	0.3%	.00087640315175	.00087640315175
2	0.0%	.00094919026697	.00094919026697
5359	63.8%	.00127308590924-.03503170605663	NOTE: Range of values omitted from display
1	0.0%	.04452322705051	.04452322705051
21	0.2%	.07726932976661	.07726932976661
1	0.0%	.07971275582455	.07971275582455
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc21y1</b>		Num 8	PE scope in Probability- proportionality problems, year 1
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
275	3.3%	0	0
2	0.0%	.00232693254741	.00232693254741
3	0.0%	.00263461231919	.00263461231919
26	0.3%	.00271332662611	.00271332662611
8	0.1%	.00342542027033	.00342542027033
5458	64.9%	.00368690385107-.06300603787842	NOTE: Range of values omitted from display
2	0.0%	.0630689183586	.0630689183586
38	0.5%	.06827767434392	.06827767434392
14	0.2%	.08038388874719	.08038388874719
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc22y1</b>		Num 8	PE scope in Probability- linear interpolation and extrapolation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4335	51.6%	0	0
38	0.5%	.00008825857633	.00008825857633
5	0.1%	.00011767810177	.00011767810177
46	0.5%	.00017651715266	.00017651715266
1	0.0%	.00023535620355	.00023535620355
1082	12.9%	.00030783283427-.00390624427976	NOTE: Range of values omitted from display
15	0.2%	.00446492650537	.00446492650537
278	3.3%	.00646431887321	.00646431887321
26	0.3%	.00702852089742	.00702852089742
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc23y1</b>		Num 8	PE scope in Trigonometry, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1452	17.3%	0	0
5	0.1%	.00225228423313	.00225228423313

1	0.0%	.00227017241946	.00227017241946
1	0.0%	.00237390241106	.00237390241106
2	0.0%	.00280786432652	.00280786432652
4318	51.4%	.00314060379779-.12248547244814	NOTE: Range of values omitted from display
1	0.0%	.13085620845432	.13085620845432
31	0.4%	.13904635152866	.13904635152866
15	0.2%	.19505525596255	.19505525596255
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc24y1</b>		Num 8	PE scope in Statistics- data representation and analysis, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1048	12.5%	0	0
2	0.0%	.00016996602109	.00016996602109
7	0.1%	.00025494903164	.00025494903164
4	0.0%	.00033993204219	.00033993204219
3	0.0%	.00035328656594	.00035328656594
4714	56.1%	.00050741236999-.11763851111956	NOTE: Range of values omitted from display
1	0.0%	.1206275481777	.1206275481777
26	0.3%	.14280238033244	.14280238033244
21	0.2%	.17135869700514	.17135869700514
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc25y1</b>		Num 8	PE scope in Statistics- uncertainty and probability, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1209	14.4%	0	0
1	0.0%	.00035988373587	.00035988373587
60	0.7%	.00120166526857	.00120166526857
5	0.1%	.00163249736837	.00163249736837
2	0.0%	.00193690366482	.00193690366482
4441	52.8%	.00267214206106-.09561843296109	NOTE: Range of values omitted from display



3	0.0%	.09857512016872	.09857512016872
104	1.2%	.11056306378578	.11056306378578
1	0.0%	.13834720514731	.13834720514731
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc26y1</b>		Num 8	PE scope in Calculus- infinite process, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4338	51.6%	0	0
24	0.3%	.00025133877159	.00025133877159
1	0.0%	.00033511836213	.00033511836213
701	8.3%	.00050267754319	.00050267754319
23	0.3%	.00057518816513	.00057518816513
696	8.3%	.00082904510358-.10050649814875	NOTE: Range of values omitted from display
39	0.5%	.10297443037566	.10297443037566
3	0.0%	.11434044511948	.11434044511948
1	0.0%	.17730417988194	.17730417988194
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc27y1</b>		Num 8	PE scope in Calculus- change, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3053	36.3%	0	0
3	0.0%	.0006074943674	.0006074943674
133	1.6%	.00121498873481	.00121498873481
1	0.0%	.00147790986012	.00147790986012
1	0.0%	.00175322211251	.00175322211251
2607	31.0%	.00200281981049-.02497164344577	NOTE: Range of values omitted from display
3	0.0%	.02615408991971	.02615408991971
24	0.3%	.02728471924493	.02728471924493
1	0.0%	.04120449250777	.04120449250777
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmc28y1</b>			
		Num 8	PE scope in Validation and structuring, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2211	26.3%	0	0
38	0.5%	.00036615684184	.00036615684184
4	0.0%	.00073231368369	.00073231368369
1	0.0%	.00126128981958	.00126128981958
47	0.6%	.00146462736739	.00146462736739
3419	40.7%	.00207225680826-.1337711772797	NOTE: Range of values omitted from display
44	0.5%	.13542584809621	.13542584809621
2	0.0%	.13820440367705	.13820440367705
60	0.7%	.14098295925789	.14098295925789
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmc29y1</b>			
		Num 8	PE scope in other topics, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1425	17.0%	0	0
3	0.0%	.00056198741811	.00056198741811
15	0.2%	.0005624003386	.0005624003386
3	0.0%	.00080108826704	.00080108826704
144	1.7%	.00112397483622	.00112397483622
4233	50.4%	.00138892801586-.11552109374653	NOTE: Range of values omitted from display
1	0.0%	.13209970125525	.13209970125525
1	0.0%	.25274901537131	.25274901537131
1	0.0%	.48214463083551	.48214463083551
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd1y1</b>			
		Num 8	IGP*PE scope in Algebra- pre-equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
803	9.6%	0	0
22	0.3%	.00025172096721	.00025172096721
17	0.2%	.00050344193442	.00050344193442
34	0.4%	.00091186299039	.00091186299039
40	0.5%	.00093108766207	.00093108766207
4855	57.8%	.0009914446341-.09232788359769	NOTE: Range of values omitted from display
18	0.2%	.1139312632466	.1139312632466
34	0.4%	.11498403645225	.11498403645225
3	0.0%	.13786391277836	.13786391277836
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd2y1</b>		Num 8	IGP*PE scope in Algebra- basic equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
125	1.5%	0	0
60	0.7%	.00417204745095	.00417204745095
2	0.0%	.00440711237902	.00440711237902
60	0.7%	.00881422475804	.00881422475804
146	1.7%	.01022356371305	.01022356371305
4961	59.0%	.01265805240616-.38869486940759	NOTE: Range of values omitted from display
67	0.8%	.3978631756879	.3978631756879
278	3.3%	.43138474579356	.43138474579356
127	1.5%	.43664333191643	.43664333191643
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd3y1</b>		Num 8	IGP*PE scope in Algebra- advanced equation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
217	2.6%	0	0
16	0.2%	.00151848751918	.00151848751918
5	0.1%	.00225696828484	.00225696828484

1	0.0%	.00254679274337	.00254679274337
15	0.2%	.00255723068751	.00255723068751
5508	65.5%	.00348877480781-.40283853419837	NOTE: Range of values omitted from display
1	0.0%	.41469561013584	.41469561013584
24	0.3%	.4228634331997	.4228634331997
39	0.5%	.50465817263349	.50465817263349
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd4y1</b>		Num 8	IGP*PE scope in Algebra- number patterns, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2558	30.4%	0	0
1	0.0%	.00036094576703	.00036094576703
34	0.4%	.00072189153406	.00072189153406
2	0.0%	.00072206866828	.00072206866828
5	0.1%	.0012546968728	.0012546968728
3174	37.8%	.00126852906195-.03596722966101	NOTE: Range of values omitted from display
1	0.0%	.03598698410254	.03598698410254
36	0.4%	.04148917157929	.04148917157929
15	0.2%	.06718446079608	.06718446079608
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd5y1</b>		Num 8	IGP*PE scope in Algebra- basic function, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
624	7.4%	0	0
2	0.0%	.00006553013701	.00006553013701
3	0.0%	.00009829520552	.00009829520552
3	0.0%	.00014744280829	.00014744280829
146	1.7%	.00019659041105	.00019659041105
4984	59.3%	.00094295650565-.13712621883043	NOTE: Range of values omitted from display
38	0.5%	.14035447580466	.14035447580466

25	0.3%	.1441338034609	.1441338034609
1	0.0%	.20753111378072	.20753111378072
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd6y1</b>		Num 8	IGP*PE scope in Algebra- advanced function, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2664	31.7%	0	0
1	0.0%	.00024454105271	.00024454105271
1	0.0%	.00045260937111	.00045260937111
7	0.1%	.00048908210543	.00048908210543
3	0.0%	.0005136358319	.0005136358319
2740	32.6%	.00051864435794-.05241571720978	NOTE: Range of values omitted from display
1	0.0%	.05789812245036	.05789812245036
371	4.4%	.06197448473538	.06197448473538
38	0.5%	.07793221161548	.07793221161548
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd7y1</b>		Num 8	IGP*PE scope in Algebra- basic number, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
786	9.4%	0	0
16	0.2%	.00013804431992	.00013804431992
1	0.0%	.0003293581886	.0003293581886
2	0.0%	.00053673906446	.00053673906446
22	0.3%	.00066144515364	.00066144515364
4875	58.0%	.00066920613912-.06845830065354	NOTE: Range of values omitted from display
118	1.4%	.08367658136452	.08367658136452
1	0.0%	.09201812715214	.09201812715214
5	0.1%	.10256331387527	.10256331387527
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmd8y1</b>		Num 8	IGP*PE scope in Algebra- advanced number, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
493	5.9%	0	0
1	0.0%	.00010560461007	.00010560461007
53	0.6%	.00021120922014	.00021120922014
2	0.0%	.00078949742862	.00078949742862
60	0.7%	.00173604177273	.00173604177273
5164	61.4%	.00290165912244-.11814813869143	NOTE: Range of values omitted from display
2	0.0%	.12440512722823	.12440512722823
48	0.6%	.15931875988273	.15931875988273
3	0.0%	.31880941069538	.31880941069538
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd9y1</b>		Num 8	IGP*PE scope in Geometry- 2-D, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
2	0.0%	.00312336968742	.00312336968742
6	0.1%	.00594838556913	.00594838556913
725	8.6%	.00704870591511	.00704870591511
1	0.0%	.00714896810129	.00714896810129
4968	59.1%	.00744975465983-.53156788434485	NOTE: Range of values omitted from display
1	0.0%	.54095468444576	.54095468444576
65	0.8%	.5451438607352	.5451438607352
53	0.6%	.73756120878473	.73756120878473
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd10y1</b>		Num 8	IGP*PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
3163	37.6%	0	0
3	0.0%	.0002442995248	.0002442995248
5	0.1%	.00048859904961	.00048859904961
168	2.0%	.00056646512758	.00056646512758
26	0.3%	.00066191150561	.00066191150561
2398	28.5%	.00079682848353-.08417735804777	NOTE: Range of values omitted from display
1	0.0%	.08620833310196	.08620833310196
2	0.0%	.09983383308934	.09983383308934
60	0.7%	.10547011160789	.10547011160789
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd11y1</b>			
		Num 8	IGP*PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
5	0.1%	.00243488613986	.00243488613986
1	0.0%	.0032563133898	.0032563133898
19	0.2%	.00405170975047	.00405170975047
127	1.5%	.00407774063974	.00407774063974
5632	67.0%	.00445985752604-.19327471223532	NOTE: Range of values omitted from display
1	0.0%	.20368008406439	.20368008406439
15	0.2%	.24590224498151	.24590224498151
21	0.2%	.34470151179739	.34470151179739
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd12y1</b>			
		Num 8	IGP*PE scope in Geometry- transformation, congruence and similarity, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
788	9.4%	0	0
1	0.0%	.00021481533573	.00021481533573

38	0.5%	.00026498034267	.00026498034267
25	0.3%	.00042963067146	.00042963067146
725	8.6%	.00052996068535	.00052996068535
4005	47.7%	.00096540648364-.1375762939767	NOTE: Range of values omitted from display
38	0.5%	.14837690452697	.14837690452697
146	1.7%	.1484625546015	.1484625546015
60	0.7%	.17130190502201	.17130190502201
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd13y1</b>		Num 8	IGP*PE scope in Numbers and arithmetic- whole numbers, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
967	11.5%	0	0
1	0.0%	.00010788041451	.00010788041451
3	0.0%	.00014818343688	.00014818343688
3	0.0%	.00019021336143	.00019021336143
1	0.0%	.00020475847851	.00020475847851
4764	56.7%	.00021576082903-.02643825232761	NOTE: Range of values omitted from display
19	0.2%	.03238795286252	.03238795286252
67	0.8%	.03272815029744	.03272815029744
1	0.0%	.03447385319667	.03447385319667
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd14y1</b>		Num 8	IGP*PE scope in Fractions, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
507	6.0%	0	0
55	0.7%	.0001696479386	.0001696479386
21	0.2%	.00024161687285	.00024161687285
1	0.0%	.00037717447592	.00037717447592
2	0.0%	.00048323374571	.00048323374571
5237	62.3%	.00049429488032-.23480650253209	NOTE: Range of values omitted from display



1	0.0%	.24260545003026	.24260545003026
1	0.0%	.29562369319224	.29562369319224
1	0.0%	.58916090469436	.58916090469436
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd15y1</b>		Num 8	IGP*PE scope in Number theory, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2321	27.6%	0	0
1	0.0%	.0002481745237	.0002481745237
24	0.3%	.00037226178555	.00037226178555
1	0.0%	.0005150376119	.0005150376119
7	0.1%	.00066890918405	.00066890918405
3140	37.4%	.00074452357111-.02829682947064	NOTE: Range of values omitted from display
15	0.2%	.02891194741775	.02891194741775
39	0.5%	.0305143600618	.0305143600618
278	3.3%	.03196874054178	.03196874054178
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd16y1</b>		Num 8	IGP*PE scope in Discrete math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2919	34.7%	0	0
1	0.0%	.00010142170769	.00010142170769
2	0.0%	.00020284341538	.00020284341538
25	0.3%	.00028208779825	.00028208779825
3	0.0%	.00052008941477	.00052008941477
2760	32.8%	.0005641755965-.05502373226436	NOTE: Range of values omitted from display
84	1.0%	.06041584691561	.06041584691561
1	0.0%	.06085679300258	.06085679300258
31	0.4%	.08572147180119	.08572147180119
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmd17y1</b>		Num 8	IGP*PE scope in Estimation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1113	13.2%	0	0
4	0.0%	.00016580963267	.00016580963267
5	0.1%	.00024871444901	.00024871444901
23	0.3%	.00026880203284	.00026880203284
2	0.0%	.00033161926535	.00033161926535
4537	54.0%	.00043000351666-.03609434534242	NOTE: Range of values omitted from display
36	0.4%	.03799488734375	.03799488734375
39	0.5%	.0402978911482	.0402978911482
67	0.8%	.05104474885923	.05104474885923
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd18y1</b>		Num 8	IGP*PE scope in Measurement, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1587	18.9%	0	0
5	0.1%	.00002652182271	.00002652182271
24	0.3%	.00003978273407	.00003978273407
2	0.0%	.00006987931362	.00006987931362
701	8.3%	.00007956546815	.00007956546815
3452	41.1%	.00010481897043-.03429946431679	NOTE: Range of values omitted from display
39	0.5%	.04496117705077	.04496117705077
15	0.2%	.04973228567498	.04973228567498
1	0.0%	.08674819327207	.08674819327207
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd19y1</b>		Num 8	IGP*PE scope in Perimeter, area, and volume, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
446	5.3%	0	0
8	0.1%	.00103670084553	.00103670084553
34	0.4%	.00109648816419	.00109648816419
118	1.4%	.00150869183277	.00150869183277
1	0.0%	.00167610485902	.00167610485902
5136	61.1%	.00184177400716-.11554000253833	NOTE: Range of values omitted from display
16	0.2%	.13469270852517	.13469270852517
14	0.2%	.14287850299471	.14287850299471
53	0.6%	.14959593415582	.14959593415582
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd20y1</b>		Num 8	IGP*PE scope in Probability- proportionality conceptsY1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
415	4.9%	0	0
1	0.0%	.00023258651899	.00023258651899
1	0.0%	.00030392633108	.00030392633108
127	1.5%	.00046517303798	.00046517303798
25	0.3%	.00060785266217	.00060785266217
5234	62.3%	.00089934556068-.02590373973394	NOTE: Range of values omitted from display
1	0.0%	.03019526931633	.03019526931633
21	0.2%	.05223020807257	.05223020807257
1	0.0%	.06463714088176	.06463714088176
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd21y1</b>		Num 8	IGP*PE scope in Probability- proportionality problems, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
275	3.3%	0	0
2	0.0%	.00176986591715	.00176986591715
3	0.0%	.00190095431675	.00190095431675

1	0.0%	.00252838096362	.00252838096362
8	0.1%	.00256151885033	.00256151885033
5483	65.2%	.00309151861407-.04939042000964	NOTE: Range of values omitted from display
2	0.0%	.05021834488042	.05021834488042
38	0.5%	.05403674382053	.05403674382053
14	0.2%	.08942537527592	.08942537527592
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd22y1</b>		Num 8	IGP*PE scope in Probability- linear interpolation and extrapolation, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4335	51.6%	0	0
38	0.5%	.00010730960096	.00010730960096
5	0.1%	.00014307946795	.00014307946795
46	0.5%	.00021461920192	.00021461920192
7	0.1%	.00027092009263	.00027092009263
1076	12.8%	.0002861589359-.00467290191743	NOTE: Range of values omitted from display
15	0.2%	.00549165230344	.00549165230344
278	3.3%	.00665746765014	.00665746765014
26	0.3%	.00687599305326	.00687599305326
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd23y1</b>		Num 8	IGP*PE scope in Trigonometry, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1452	17.3%	0	0
1	0.0%	.00267601565721	.00267601565721
1	0.0%	.00272424221034	.00272424221034
5	0.1%	.00295425804285	.00295425804285
2	0.0%	.00347045211416	.00347045211416
4318	51.4%	.00363383255-.13586498107744	NOTE: Range of values omitted from display

1	0.0%	.13870562811361	.13870562811361
31	0.4%	.15422978632646	.15422978632646
15	0.2%	.19400858847725	.19400858847725
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd24y1</b>		Num 8	IGP*PE scope in Statistics- data representation and analysis, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1048	12.5%	0	0
2	0.0%	.00023651459996	.00023651459996
7	0.1%	.00035477189994	.00035477189994
17	0.2%	.00046748179625	.00046748179625
4	0.0%	.00047302919992	.00047302919992
4699	55.9%	.00047396603484-.10233775711875	NOTE: Range of values omitted from display
2	0.0%	.1103973934129	.1103973934129
21	0.2%	.13555136207004	.13555136207004
26	0.3%	.1388994569749	.1388994569749
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd25y1</b>		Num 8	IGP*PE scope in Statistics- uncertainty and probability, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1209	14.4%	0	0
60	0.7%	.00053895531037	.00053895531037
1	0.0%	.00057783996873	.00057783996873
5	0.1%	.00179115323962	.00179115323962
278	3.3%	.00190354409476	.00190354409476
4167	49.6%	.00191386145627-.11890937283743	NOTE: Range of values omitted from display
1	0.0%	.12058603753417	.12058603753417
104	1.2%	.13930230370223	.13930230370223
1	0.0%	.16151816596978	.16151816596978
148	1.8%	9991	Student did not take course in specified subject in given year

2431	28.9%	9992	Student took course, but curriculum information not available for this course
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<b>etmd26y1</b>			
		Num 8	IGP*PE scope in Calculus- infinite process, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4338	51.6%	0	0
24	0.3%	.00034476980229	.00034476980229
1	0.0%	.00045969306972	.00045969306972
701	8.3%	.00068953960458	.00068953960458
23	0.3%	.00092736701331	.00092736701331
704	8.4%	.00136657996324-.1223053824327	NOTE: Range of values omitted from display
31	0.4%	.12231425368368	.12231425368368
3	0.0%	.14241714770526	.14241714770526
1	0.0%	.21821307997096	.21821307997096
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd27y1</b>			
		Num 8	IGP*PE scope in Calculus- change, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3053	36.3%	0	0
3	0.0%	.0008705776917	.0008705776917
2	0.0%	.00141980498475	.00141980498475
133	1.6%	.0017411553834	.0017411553834
1	0.0%	.00185858279121	.00185858279121
2604	31.0%	.00205043555713-.03194572601221	NOTE: Range of values omitted from display
5	0.1%	.03229072250839	.03229072250839
24	0.3%	.03620607484399	.03620607484399
1	0.0%	.05087661353381	.05087661353381
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd28y1</b>			
		Num 8	IGP*PE scope in Validation and structuring, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
2211	26.3%	0	0
38	0.5%	.00050908486448	.00050908486448
4	0.0%	.00101816972896	.00101816972896
1	0.0%	.00153478717097	.00153478717097
4	0.0%	.0017431805718	.0017431805718
3485	41.5%	.00203633945792-.15245638649665	NOTE: Range of values omitted from display
21	0.2%	.15566043440041	.15566043440041
2	0.0%	.16048338385325	.16048338385325
60	0.7%	.17590608016186	.17590608016186
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etmd29y1</b>		Num 8	IGP*PE scope in other topics, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1425	17.0%	0	0
3	0.0%	.00060785628254	.00060785628254
15	0.2%	.00067398973336	.00067398973336
3	0.0%	.00069387500754	.00069387500754
144	1.7%	.00121571256508	.00121571256508
4200	50.0%	.00138775001508-.11766173327385	NOTE: Range of values omitted from display
34	0.4%	.11916339777701	.11916339777701
1	0.0%	.1761095294899	.1761095294899
1	0.0%	.32699496592239	.32699496592239
148	1.8%	9991	Student did not take course in specified subject in given year
2431	28.9%	9992	Student took course, but curriculum information not available for this course

<b>etma1y2</b>		Num 8	Unweighted scope in Algebra- pre-equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1362	16.2%	0	0
29	0.3%	.00046977840372	.00046977840372
1	0.0%	.0007224859228	.0007224859228

74	0.9%	.00079425369099	.00079425369099
7	0.1%	.00093955680745	.00093955680745
5097	60.6%	.00096511481171-.10045344225899	NOTE: Range of values omitted from display
10	0.1%	.11300304578013	.11300304578013
1	0.0%	.11980701667166	.11980701667166
35	0.4%	.19565771153133	.19565771153133
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma2y2</b>		Num 8	Unweighted scope in Algebra- basic equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
487	5.8%	0	0
21	0.2%	.00340700875587	.00340700875587
2	0.0%	.00405129302997	.00405129302997
164	2.0%	.00551960344582	.00551960344582
21	0.2%	.0070857018727	.0070857018727
5874	69.9%	.00810258605994-.39650083477959	NOTE: Range of values omitted from display
16	0.2%	.43412666794269	.43412666794269
12	0.1%	.44153584624122	.44153584624122
19	0.2%	.4506118377794	.4506118377794
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma3y2</b>		Num 8	Unweighted scope in Algebra- advanced equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
572	6.8%	0	0
3	0.0%	.00148219350256	.00148219350256
9	0.1%	.00184463138678	.00184463138678
55	0.7%	.00244738271139	.00244738271139
1	0.0%	.0025157326092	.0025157326092
5805	69.1%	.00345454543132-.41242015472454	NOTE: Range of values omitted from display
1	0.0%	.43917222861837	.43917222861837



1	0.0%	.4392271391833	.4392271391833
169	2.0%	.5423353442017	.5423353442017
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma4y2</b>		Num 8	Unweighted scope in Algebra- number patterns, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3226	38.4%	0	0
8	0.1%	.00015847892098	.00015847892098
3	0.0%	.00031695784196	.00031695784196
27	0.3%	.00034681947892	.00034681947892
83	1.0%	.00048578489881	.00048578489881
3026	36.0%	.00058126788499-.02105656912839	NOTE: Range of values omitted from display
122	1.5%	.02388819151165	.02388819151165
1	0.0%	.02994702910827	.02994702910827
120	1.4%	.04211313825679	.04211313825679
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma5y2</b>		Num 8	Unweighted scope in Algebra- basic function, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1049	12.5%	0	0
27	0.3%	.00014376904375	.00014376904375
29	0.3%	.00021565356562	.00021565356562
1	0.0%	.00032348034844	.00032348034844
231	2.7%	.00043130713125	.00043130713125
5179	61.6%	.00168106034255-.19439903679776	NOTE: Range of values omitted from display
93	1.1%	.2069082946904	.2069082946904
3	0.0%	.2124366233782	.2124366233782
4	0.0%	.29575908466064	.29575908466064
241	2.9%	9991	Student did not take course in specified subject in given year

1548	18.4%	9992	Student took course, but curriculum information not available for this course
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<b>etma6y2</b>		Num 8	Unweighted scope in Algebra- advanced function, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2999	35.7%	0	0
4	0.0%	.00030225282593	.00030225282593
60	0.7%	.00060450565187	.00060450565187
1	0.0%	.00064787775313	.00064787775313
2	0.0%	.00099308508413	.00099308508413
3370	40.1%	.00120901130374-.06631631672851	NOTE: Range of values omitted from display
169	2.0%	.07211477558876	.07211477558876
10	0.1%	.1045802392765	.1045802392765
1	0.0%	.11517681206556	.11517681206556
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma7y2</b>		Num 8	Unweighted scope in Algebra- basic number, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1598	19.0%	0	0
3	0.0%	.0007711441016	.0007711441016
1	0.0%	.00096656666972	.00096656666972
35	0.4%	.00106963383714	.00106963383714
10	0.1%	.001193497035	.001193497035
4853	57.7%	.00120993193105-.08010054847886	NOTE: Range of values omitted from display
1	0.0%	.08461935452456	.08461935452456
2	0.0%	.08633441437149	.08633441437149
113	1.3%	.09571479106769	.09571479106769
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma8y2</b>		Num 8	Unweighted scope in Algebra- advanced number, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
1021	12.1%	0	0
5	0.1%	.00025736394979	.00025736394979
103	1.2%	.00051472789958	.00051472789958
27	0.3%	.0008138305257	.0008138305257
164	2.0%	.00174209546878	.00174209546878
5276	62.8%	.00192862000362-.15875718161167	NOTE: Range of values omitted from display
1	0.0%	.17024596933609	.17024596933609
5	0.1%	.19603085401287	.19603085401287
14	0.2%	.25445821111553	.25445821111553
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma9y2</b>		Num 8	Unweighted scope in Geometry- 2-D, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
11	0.1%	.00303884471471	.00303884471471
6	0.1%	.00471989384441	.00471989384441
1	0.0%	.00635632423379	.00635632423379
19	0.2%	.0064009429741	.0064009429741
6065	72.2%	.00721723476156-.53950293072485	NOTE: Range of values omitted from display
29	0.3%	.5698177045632	.5698177045632
337	4.0%	.61021772061955	.61021772061955
103	1.2%	.6299960948271101	.6299960948271101
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma10y2</b>		Num 8	Unweighted scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2282	27.2%	0	0
7	0.1%	.00056297698305	.00056297698305

2	0.0%	.00097137907382	.00097137907382
120	1.4%	.00104431501876	.00104431501876
6	0.1%	.0011259539661	.0011259539661
3846	45.8%	.00114113112945-.09813328004475	NOTE: Range of values omitted from display
231	2.7%	.10542626955815	.10542626955815
55	0.7%	.10771108511223	.10771108511223
67	0.8%	.1329947403824	.1329947403824
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma11y2</b>		Num 8	Unweighted scope in Geometry- conic sections and their equations, and equations for lines and planes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
4	0.0%	.00326286496751	.00326286496751
120	1.4%	.00556109814138	.00556109814138
3	0.0%	.00661625772056	.00661625772056
13	0.2%	.00668213611588	.00668213611588
6378	75.9%	.00672166275745-.18629163664512	NOTE: Range of values omitted from display
14	0.2%	.19378311015248	.19378311015248
35	0.4%	.2679339225867	.2679339225867
4	0.0%	.31430500019065	.31430500019065
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma12y2</b>		Num 8	Unweighted scope in Geometry- transformation, congruence and similarity, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
818	9.7%	0	0
11	0.1%	.00041723856339	.00041723856339
50	0.6%	.00075088292315	.00075088292315
455	5.4%	.00083447712679	.00083447712679
93	1.1%	.0015017658463	.0015017658463

4791	57.0%	.0024720437649-.21119310353048	NOTE: Range of values omitted from display
164	2.0%	.2224275241798	.2224275241798
231	2.7%	.23438021835411	.23438021835411
3	0.0%	.25592540187576	.25592540187576
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma13y2</b>		Num 8	Unweighted scope in Numbers and arithmetic- whole numbers, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2150	25.6%	0	0
1	0.0%	.00054929173817	.00054929173817
1	0.0%	.00088037552904	.00088037552904
2	0.0%	.00090214266148	.00090214266148
16	0.2%	.00104816310945	.00104816310945
4101	48.8%	.00106276187639-.0875013540189	NOTE: Range of values omitted from display
1	0.0%	.09612490163293	.09612490163293
341	4.1%	.10242281251113	.10242281251113
3	0.0%	.13944820293205	.13944820293205
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma14y2</b>		Num 8	Unweighted scope in Fractions, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1462	17.4%	0	0
1	0.0%	.00023518748796	.00023518748796
20	0.2%	.00035606975695	.00035606975695
1	0.0%	.0004087586505	.0004087586505
231	2.7%	.000575076175	.000575076175
4884	58.1%	.0006818081649-.27139981267707	NOTE: Range of values omitted from display
5	0.1%	.38663213931489	.38663213931489
3	0.0%	.41974577575315	.41974577575315
9	0.1%	.5090546995158201	.5090546995158201

241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma15y2</b>		Num 8	Unweighted scope in Number theory, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3853	45.8%	0	0
20	0.2%	.00008650932204	.00008650932204
1	0.0%	.00012976398306	.00012976398306
25	0.3%	.00017301864408	.00017301864408
31	0.4%	.00025952796613	.00025952796613
2637	31.4%	.00051905593226-.03634164314466	NOTE: Range of values omitted from display
18	0.2%	.03716499601518	.03716499601518
30	0.4%	.05331372924316	.05331372924316
1	0.0%	.06462121174318	.06462121174318
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma16y2</b>		Num 8	Unweighted scope in Discrete math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2772	33.0%	0	0
27	0.3%	.00028953487977	.00028953487977
2	0.0%	.00033989214393	.00033989214393
1	0.0%	.00043430231966	.00043430231966
6	0.1%	.00053252737622	.00053252737622
3766	44.8%	.00064437777981-.03702267123702	NOTE: Range of values omitted from display
10	0.1%	.03914273655967	.03914273655967
1	0.0%	.04393697254159	.04393697254159
31	0.4%	.05363559541115	.05363559541115
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma17y2</b>		Num 8	Unweighted scope in Estimation, year 2
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
2058	24.5%	0	0
9	0.1%	.00010307146726	.00010307146726
3	0.0%	.00020614293452	.00020614293452
20	0.2%	.00030566229135	.00030566229135
1	0.0%	.00044521540883	.00044521540883
4469	53.2%	.00053441161599-.04405342001012	NOTE: Range of values omitted from display
32	0.4%	.04716279389195	.04716279389195
6	0.1%	.04978904955738	.04978904955738
18	0.2%	.05801985289701	.05801985289701
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

etma18y2			
Num 8			
Unweighted scope in Measurement, year 2			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1974	23.5%	0	0
14	0.2%	.00019754215978	.00019754215978
14	0.2%	.00022484966031	.00022484966031
11	0.1%	.00033727449046	.00033727449046
341	4.1%	.00039508431956	.00039508431956
4241	50.5%	.00044969932062-.06551727976869	NOTE: Range of values omitted from display
13	0.2%	.06910957163549	.06910957163549
3	0.0%	.07554383815271	.07554383815271
5	0.1%	.18132371671176	.18132371671176
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

etma19y2			
Num 8			
Unweighted scope in Perimeter, area, and volume, year 2			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
578	6.9%	0	0
17	0.2%	.00124478930238	.00124478930238

15	0.2%	.00133865521224	.00133865521224
1	0.0%	.00153726916767	.00153726916767
131	1.6%	.00159369829508	.00159369829508
5712	68.0%	.00170909107815-.13194221567113	NOTE: Range of values omitted from display
4	0.0%	.14010242888201	.14010242888201
55	0.7%	.16642077730779	.16642077730779
103	1.2%	.18091116731707	.18091116731707
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma20y2</b>		Num 8	Unweighted scope in Probability- proportionality concepts, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1027	12.2%	0	0
8	0.1%	.00013212494557	.00013212494557
52	0.6%	.00020995323393	.00020995323393
3	0.0%	.00026424989115	.00026424989115
93	1.1%	.00041990646787	.00041990646787
5421	64.5%	.00043649966041-.03488737755955	NOTE: Range of values omitted from display
4	0.0%	.05993186191614	.05993186191614
5	0.1%	.08852566893846	.08852566893846
3	0.0%	.1125007140289	.1125007140289
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma21y2</b>		Num 8	Unweighted scope in Probability- proportionality problems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
989	11.8%	0	0
1	0.0%	.00044863061091	.00044863061091
1	0.0%	.00107931008202	.00107931008202
1	0.0%	.00111858265287	.00111858265287
14	0.2%	.00166574426038	.00166574426038
5562	66.2%	.00215862016405-.04914273832084	NOTE: Range of values omitted from display



44	0.5%	.05286697621203	.05286697621203
3	0.0%	.05445280454661	.05445280454661
1	0.0%	.05671124048425	.05671124048425
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma22y2</b>		Num 8	Unweighted scope in Probability- linear interpolation and extrapolation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5355	63.7%	0	0
1	0.0%	.000044404042	.000044404042
36	0.4%	.000088808084	.000088808084
32	0.4%	.00017761616801	.00017761616801
341	4.1%	.00035523233603	.00035523233603
572	6.8%	.00040110769329-.00488025200199	NOTE: Range of values omitted from display
93	1.1%	.00560658483014	.00560658483014
2	0.0%	.006547866921	.006547866921
184	2.2%	.0083115948908	.0083115948908
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma23y2</b>		Num 8	Unweighted scope in Trigonometry, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.7%	0	0
1	0.0%	.00140081676354	.00140081676354
1	0.0%	.00145231249108	.00145231249108
3	0.0%	.00161621348088	.00161621348088
1	0.0%	.00176265825617	.00176265825617
5331	63.4%	.00325350133466-.14003030481043	NOTE: Range of values omitted from display
3	0.0%	.1646009417486	.1646009417486
120	1.4%	.16864869775758	.16864869775758
5	0.1%	.22029153973319	.22029153973319

241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma24y2</b>		Num 8	Unweighted scope in Statistics- data representation and analysis, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1384	16.5%	0	0
14	0.2%	.00011242483015	.00011242483015
9	0.1%	.00016863724523	.00016863724523
9	0.1%	.00022484966031	.00022484966031
21	0.2%	.00023488920186	.00023488920186
5078	60.4%	.00033727449046-.13553919104596	NOTE: Range of values omitted from display
4	0.0%	.13768621661722	.13768621661722
93	1.1%	.13967589680195	.13967589680195
4	0.0%	.16442943144666	.16442943144666
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma25y2</b>		Num 8	Unweighted scope in Statistics- uncertainty and probability, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1107	13.2%	0	0
6	0.1%	.00156698419524	.00156698419524
3	0.0%	.0017037424261	.0017037424261
1	0.0%	.00181276898717	.00181276898717
1	0.0%	.00253226519896	.00253226519896
5492	65.3%	.0026146604908-.10585027229663	NOTE: Range of values omitted from display
4	0.0%	.13218522098736	.13218522098736
1	0.0%	.17410656899729	.17410656899729
1	0.0%	.20522783135088	.20522783135088
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma26y2</b>		Num 8	Unweighted scope in Calculus- infinite process, year 2
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
4052	48.2%	0	0	
26	0.3%	.00050580726926	.00050580726926	
6	0.1%	.00053252737622	.00053252737622	
341	4.1%	.00101161453853	.00101161453853	
1	0.0%	.0010478963787	.0010478963787	
2185	26.0%	.00106505475245-.13429950303393	NOTE: Range of values omitted from display	
1	0.0%	.14115823870425	.14115823870425	
3	0.0%	.15512788508835	.15512788508835	
1	0.0%	.17209370487574	.17209370487574	
241	2.9%	9991	Student did not take course in specified subject in given year	
1548	18.4%	9992	Student took course, but curriculum information not available for this course	

<b>etma27y2</b>				Num 8	Unweighted scope in Calculus- change, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
3617	43.0%	0	0		
3	0.0%	.00054851418476	.00054851418476		
1	0.0%	.00086453548415	.00086453548415		
93	1.1%	.00109702836953	.00109702836953		
13	0.2%	.00129680322623	.00129680322623		
2886	34.3%	.00149906166548-.05717011441456	NOTE: Range of values omitted from display		
1	0.0%	.21073569208367	.21073569208367		
1	0.0%	.36430126975278	.36430126975278		
1	0.0%	.50316821363051	.50316821363051		
241	2.9%	9991	Student did not take course in specified subject in given year		
1548	18.4%	9992	Student took course, but curriculum information not available for this course		

<b>etma28y2</b>				Num 8	Unweighted scope in Validation and structuring, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
1811	21.5%	0	0		
1	0.0%	.00026641616988	.00026641616988		

1	0.0%	.00062190948903	.00062190948903
36	0.4%	.00083323984315	.00083323984315
18	0.2%	.00097156979762	.00097156979762
4681	55.7%	.00104816310945-.12790911600331	NOTE: Range of values omitted from display
4	0.0%	.13173995332477	.13173995332477
60	0.7%	.13781768469701	.13781768469701
4	0.0%	.19298712103036	.19298712103036
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma29y2</b>		Num 8	Unweighted scope in other topics, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1401	16.7%	0	0
12	0.1%	.00052346256711	.00052346256711
8	0.1%	.00069918535018	.00069918535018
2	0.0%	.00084490625349	.00084490625349
184	2.2%	.00104692513422	.00104692513422
4994	59.4%	.00111390558732-.13607313494263	NOTE: Range of values omitted from display
5	0.1%	.14802555487388	.14802555487388
1	0.0%	.16293938395223	.16293938395223
9	0.1%	.30034330122884	.30034330122884
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb1y2</b>		Num 8	IGP scope in Algebra- pre-equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1362	16.2%	0	0
29	0.3%	.00041807749407	.00041807749407
1	0.0%	.00055911784963	.00055911784963
74	0.9%	.00071604750422	.00071604750422
7	0.1%	.00083615498815	.00083615498815
5097	60.6%	.00083867677444-.09053337690151	NOTE: Range of values omitted from display

10	0.1%	.0993961605225	.0993961605225
1	0.0%	.10451166346601	.10451166346601
35	0.4%	.17756580842493	.17756580842493
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb2y2</b>		Num 8	IGP scope in Algebra- basic equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
487	5.8%	0	0
21	0.2%	.00372009148988	.00372009148988
2	0.0%	.00390874619231	.00390874619231
164	2.0%	.00655352243888	.00655352243888
67	0.8%	.00781749238462	.00781749238462
5828	69.3%	.00938808841137-.41848185551899	NOTE: Range of values omitted from display
16	0.2%	.43704103882344	.43704103882344
12	0.1%	.45034793465987	.45034793465987
19	0.2%	.48369407370817	.48369407370817
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb3y2</b>		Num 8	IGP scope in Algebra- advanced equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
572	6.8%	0	0
3	0.0%	.00197962862926	.00197962862926
9	0.1%	.00260171089486	.00260171089486
1	0.0%	.00295310570033	.00295310570033
55	0.7%	.00338629902931	.00338629902931
5805	69.1%	.00376859800662-.47363260279461	NOTE: Range of values omitted from display
1	0.0%	.47444679114988	.47444679114988
1	0.0%	.47504968609964	.47504968609964
169	2.0%	.57559937766627	.57559937766627
241	2.9%	9991	Student did not take course in specified subject in given year

1548	18.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmb4y2</b>		Num 8	IGP scope in Algebra- number patterns, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3226	38.4%	0	0
8	0.1%	.00019062237085	.00019062237085
27	0.3%	.00034173810116	.00034173810116
3	0.0%	.00038124474171	.00038124474171
83	1.0%	.00062442780938	.00062442780938
3026	36.0%	.00080233448447-.02488423828213	NOTE: Range of values omitted from display
122	1.5%	.02877649766211	.02877649766211
1	0.0%	.03951353885191	.03951353885191
120	1.4%	.04976847656426	.04976847656426
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb5y2</b>		Num 8	IGP scope in Algebra- basic function, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1049	12.5%	0	0
27	0.3%	.00012405548434	.00012405548434
29	0.3%	.00018608322651	.00018608322651
1	0.0%	.00027912483977	.00027912483977
231	2.7%	.00037216645303	.00037216645303
5179	61.6%	.00186679477915-.20978801535526	NOTE: Range of values omitted from display
93	1.1%	.21236360609648	.21236360609648
3	0.0%	.22440193195473	.22440193195473
4	0.0%	.31727008625171	.31727008625171
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb6y2</b>		Num 8	IGP scope in Algebra- advanced function, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
2999	35.7%	0	0
4	0.0%	.00043245403092	.00043245403092
60	0.7%	.00086490806184	.00086490806184
2	0.0%	.00105448494062	.00105448494062
1	0.0%	.00111157917379	.00111157917379
3469	41.3%	.00112744358844-.0843246727897	NOTE: Range of values omitted from display
70	0.8%	.09092221387399	.09092221387399
10	0.1%	.12175135369992	.12175135369992
1	0.0%	.12840124321057	.12840124321057
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb7y2</b>		Num 8	IGP scope in Algebra- basic number, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1598	19.0%	0	0
55	0.7%	.0003078453663	.0003078453663
3	0.0%	.00058570039114	.00058570039114
27	0.3%	.00079184056542	.00079184056542
10	0.1%	.00089374829572	.00089374829572
4799	57.1%	.00092497327194-.07811355470485	NOTE: Range of values omitted from display
9	0.1%	.0810951755342	.0810951755342
2	0.0%	.08114216355876	.08114216355876
113	1.3%	.09072841663043	.09072841663043
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb8y2</b>		Num 8	IGP scope in Algebra- advanced number, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1021	12.1%	0	0
5	0.1%	.00031668693837	.00031668693837
103	1.2%	.00063337387674	.00063337387674

27	0.3%	.00093219935219	.00093219935219
164	2.0%	.00137499097822	.00137499097822
5262	62.6%	.00193301539766-.16177789134972	NOTE: Range of values omitted from display
15	0.2%	.16315535033113	.16315535033113
5	0.1%	.19796060196198	.19796060196198
14	0.2%	.23615277113143	.23615277113143
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb9y2</b>		Num 8	IGP scope in Geometry- 2-D, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
11	0.1%	.00326267108857	.00326267108857
1	0.0%	.0048008797924	.0048008797924
6	0.1%	.00489614436283	.00489614436283
19	0.2%	.00652961763708	.00652961763708
5971	71.0%	.00654662239581-.46382822537407	NOTE: Range of values omitted from display
123	1.5%	.46596942696225	.46596942696225
337	4.0%	.49152058688198	.49152058688198
103	1.2%	.5383664411220001	.5383664411220001
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb10y2</b>		Num 8	IGP scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2282	27.2%	0	0
7	0.1%	.00078933707915	.00078933707915
120	1.4%	.0010104159426	.0010104159426
2	0.0%	.00109235522135	.00109235522135
3	0.0%	.00113723972755	.00113723972755
4070	48.4%	.00120538697645-.08813922715498	NOTE: Range of values omitted from display



30	0.4%	.09133447422032	.09133447422032
35	0.4%	.09269709092926	.09269709092926
67	0.8%	.11037474323425	.11037474323425
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb11y2</b>		Num 8	IGP scope in Geometry- conic sections and their equations, and equations for lines and planes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
120	1.4%	.00474246256991	.00474246256991
4	0.0%	.00537023023738	.00537023023738
3	0.0%	.00740649539304	.00740649539304
1	0.0%	.00740747721823	.00740747721823
6402	76.2%	.00891230663137-.18514606042735	NOTE: Range of values omitted from display
2	0.0%	.20716091124374	.20716091124374
35	0.4%	.25625203171144	.25625203171144
4	0.0%	.34706659850722	.34706659850722
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb12y2</b>		Num 8	IGP scope in Geometry- transformation, congruence and similarity, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
818	9.7%	0	0
11	0.1%	.00023000007807	.00023000007807
50	0.6%	.00038431456931	.00038431456931
455	5.4%	.00046000015615	.00046000015615
93	1.1%	.00076862913862	.00076862913862
4941	58.8%	.0026011644813-.15936987743594	NOTE: Range of values omitted from display
164	2.0%	.16154754284322	.16154754284322
81	1.0%	.17055793610387	.17055793610387
3	0.0%	.18262022450827	.18262022450827

241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb13y2</b>		Num 8	IGP scope in Numbers and arithmetic- whole numbers, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2150	25.6%	0	0
21	0.2%	.00017917606888	.00017917606888
18	0.2%	.00021375957866	.00021375957866
87	1.0%	.00023591064393	.00023591064393
8	0.1%	.00029031212643	.00029031212643
4295	51.1%	.00032065921106-.03134952826708	NOTE: Range of values omitted from display
4	0.0%	.03571089811861	.03571089811861
30	0.4%	.04216813901525	.04216813901525
3	0.0%	.07615435775676	.07615435775676
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb14y2</b>		Num 8	IGP scope in Fractions, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1462	17.4%	0	0
1	0.0%	.000131978686	.000131978686
1	0.0%	.00026226845048	.00026226845048
60	0.7%	.0004029280913	.0004029280913
20	0.2%	.00053976311808	.00053976311808
5055	60.1%	.00068768683351-.25972158322339	NOTE: Range of values omitted from display
5	0.1%	.3441727606343	.3441727606343
3	0.0%	.36475008921629	.36475008921629
9	0.1%	.51544567128985	.51544567128985
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb15y2</b>		Num 8	IGP scope in Number theory, year 2
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
3853	45.8%	0	0
20	0.2%	.00006428800353	.00006428800353
1	0.0%	.00009643200529	.00009643200529
25	0.3%	.00012857600706	.00012857600706
31	0.4%	.00019286401059	.00019286401059
2642	31.4%	.00038572802119-.03266794721138	NOTE: Range of values omitted from display
13	0.2%	.03861999540262	.03861999540262
30	0.4%	.04046705473841	.04046705473841
1	0.0%	.05139877818227	.05139877818227
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb16y2</b>			
		Num 8	IGP scope in Discrete math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2772	33.0%	0	0
27	0.3%	.00038400405197	.00038400405197
2	0.0%	.00046088335236	.00046088335236
3	0.0%	.0004950689111	.0004950689111
1	0.0%	.00057600607796	.00057600607796
3775	44.9%	.00070241818363-.04319075436926	NOTE: Range of values omitted from display
4	0.0%	.045446211484	.045446211484
1	0.0%	.05685618136861	.05685618136861
31	0.4%	.06593708589992	.06593708589992
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb17y2</b>			
		Num 8	IGP scope in Estimation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2058	24.5%	0	0
9	0.1%	.00003662954258	.00003662954258

3	0.0%	.00007325908517	.00007325908517
20	0.2%	.00032533146152	.00032533146152
9	0.1%	.00035038690683	.00035038690683
4478	53.3%	.00044644703831-.03171545126886	NOTE: Range of values omitted from display
1	0.0%	.03204433183097	.03204433183097
32	0.4%	.03254536386497	.03254536386497
6	0.1%	.0424984421962	.0424984421962
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb18y2</b>		Num 8	IGP scope in Measurement, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1974	23.5%	0	0
14	0.2%	.00007621983339	.00007621983339
14	0.2%	.00009050891876	.00009050891876
11	0.1%	.00013576337814	.00013576337814
341	4.1%	.00015243966679	.00015243966679
4243	50.5%	.00018101783753-.03622745761305	NOTE: Range of values omitted from display
1	0.0%	.03832404676814	.03832404676814
13	0.2%	.04807215814297	.04807215814297
5	0.1%	.12417708863176	.12417708863176
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb19y2</b>		Num 8	IGP scope in Perimeter, area, and volume, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
578	6.9%	0	0
17	0.2%	.00049086605874	.00049086605874
14	0.2%	.00091886898638	.00091886898638
2	0.0%	.00099292120944	.00099292120944
1	0.0%	.0010253868927	.0010253868927
5819	69.2%	.00110340116785-.09197013970413	NOTE: Range of values omitted from display

27	0.3%	.09381913085192	.09381913085192
103	1.2%	.11215201294114	.11215201294114
55	0.7%	.13020052575477	.13020052575477
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb20y2</b>		Num 8	IGP scope in Probability- proportionality conceptsY2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1027	12.2%	0	0
52	0.6%	.00013593456518	.00013593456518
8	0.1%	.00014086370697	.00014086370697
2	0.0%	.00017844237886	.00017844237886
93	1.1%	.00027186913037	.00027186913037
5422	64.5%	.00028172741394-.02725086630173	NOTE: Range of values omitted from display
4	0.0%	.04065443848248	.04065443848248
5	0.1%	.07840670475459	.07840670475459
3	0.0%	.09676327358284	.09676327358284
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb21y2</b>		Num 8	IGP scope in Probability- proportionality problems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
989	11.8%	0	0
1	0.0%	.00031173840598	.00031173840598
1	0.0%	.00074690955306	.00074690955306
14	0.2%	.00121888763341	.00121888763341
1	0.0%	.00140531592348	.00140531592348
5539	65.9%	.00149381910613-.04100843339655	NOTE: Range of values omitted from display
1	0.0%	.0418594438376	.0418594438376
3	0.0%	.04363654164106	.04363654164106
67	0.8%	.04961280632913	.04961280632913
241	2.9%	9991	Student did not take course in specified subject in given year

1548	18.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmb22y2</b>			
		Num 8	IGP scope in Probability- linear interpolation and extrapolation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5355	63.7%	0	0
1	0.0%	.00005139867895	.00005139867895
36	0.4%	.0001027973579	.0001027973579
32	0.4%	.00020559471581	.00020559471581
7	0.1%	.00035114858857	.00035114858857
981	11.7%	.00041118943163-.00578152648966	NOTE: Range of values omitted from display
18	0.2%	.00595066267978	.00595066267978
2	0.0%	.0061982531594	.0061982531594
184	2.2%	.00929092978433	.00929092978433
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb23y2</b>			
		Num 8	IGP scope in Trigonometry, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.7%	0	0
1	0.0%	.00163940183846	.00163940183846
3	0.0%	.0019026952229	.0019026952229
1	0.0%	.00195277422423	.00195277422423
1	0.0%	.00219809563548	.00219809563548
5331	63.4%	.00274645969836-.15024703738306	NOTE: Range of values omitted from display
3	0.0%	.17020130161513	.17020130161513
120	1.4%	.17275674130275	.17275674130275
5	0.1%	.24373886991876	.24373886991876
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb24y2</b>			
		Num 8	IGP scope in Statistics- data representation and analysisY2 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1384	16.5%	0	0
14	0.2%	.00015316893945	.00015316893945
21	0.2%	.00019410740796	.00019410740796
9	0.1%	.00022975340917	.00022975340917
9	0.1%	.0003063378789	.0003063378789
5079	60.4%	.00038821481592-.12078160920202	NOTE: Range of values omitted from display
4	0.0%	.12582463659991	.12582463659991
93	1.1%	.13633174025601	.13633174025601
3	0.0%	.13997584353723	.13997584353723
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb25y2</b>		Num 8	IGP scope in Statistics- uncertainty and probability, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1107	13.2%	0	0
67	0.8%	.00114244634721	.00114244634721
6	0.1%	.00209716738507	.00209716738507
1	0.0%	.00227702804715	.00227702804715
3	0.0%	.00267374894127	.00267374894127
5426	64.6%	.00330592108606-.12862566891767	NOTE: Range of values omitted from display
4	0.0%	.15136061076821	.15136061076821
1	0.0%	.23143178377885	.23143178377885
1	0.0%	.27454732531033	.27454732531033
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb26y2</b>		Num 8	IGP scope in Calculus- infinite process, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4052	48.2%	0	0
26	0.3%	.0006605452717	.0006605452717
6	0.1%	.00077012114109	.00077012114109

1	0.0%	.00130227329557	.00130227329557
341	4.1%	.00132109054341	.00132109054341
2185	26.0%	.00134239409268-.17804434272537	NOTE: Range of values omitted from display
1	0.0%	.19123375104901	.19123375104901
3	0.0%	.19184291541665	.19184291541665
1	0.0%	.21353254279998	.21353254279998
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb27y2</b>		Num 8	IGP scope in Calculus- change, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3617	43.0%	0	0
3	0.0%	.00071027281463	.00071027281463
1	0.0%	.00072789863	.00072789863
13	0.2%	.001091847945	.001091847945
12	0.1%	.00126129703581	.00126129703581
2967	35.3%	.00142054562927-.0707329916267	NOTE: Range of values omitted from display
1	0.0%	.26802767507668	.26802767507668
1	0.0%	.46894155550399	.46894155550399
1	0.0%	.6066905435733601	.6066905435733601
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb28y2</b>		Num 8	IGP scope in Validation and structuring, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1811	21.5%	0	0
1	0.0%	.00030073635074	.00030073635074
1	0.0%	.00071469986208	.00071469986208
3	0.0%	.00088666572963	.00088666572963
18	0.2%	.00107357763718	.00107357763718
4714	56.1%	.00123427341433-.15094477809625	NOTE: Range of values omitted from display
4	0.0%	.15248561836092	.15248561836092



60	0.7%	.16218964830899	.16218964830899
4	0.0%	.23049876198607	.23049876198607
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb29y2</b>		Num 8	IGP scope in other topics, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1401	16.7%	0	0
12	0.1%	.00057013726853	.00057013726853
2	0.0%	.00095040667211	.00095040667211
14	0.2%	.00112750955325	.00112750955325
184	2.2%	.00114027453706	.00114027453706
4983	59.3%	.00132556315985-.13255599559939	NOTE: Range of values omitted from display
5	0.1%	.13443311691779	.13443311691779
9	0.1%	.21828143758007	.21828143758007
6	0.1%	.24205220405796	.24205220405796
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc1y2</b>		Num 8	PE scope in Algebra- pre-equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1362	16.2%	0	0
29	0.3%	.00025370618499	.00025370618499
1	0.0%	.00038811402491	.00038811402491
7	0.1%	.00050741236999	.00050741236999
1	0.0%	.00058217103736	.00058217103736
4856	57.8%	.00060162282139-.09631153115354	NOTE: Range of values omitted from display
341	4.1%	.10931024500387	.10931024500387
9	0.1%	.12403949923683	.12403949923683
10	0.1%	.13309020579074	.13309020579074
241	2.9%	9991	Student did not take course in specified subject in given year

1548	18.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmc2y2</b>		Num 8	PE scope in Algebra- basic equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
487	5.8%	0	0
21	0.2%	.00278262765873	.00278262765873
164	2.0%	.00314702242225	.00314702242225
2	0.0%	.00439627019292	.00439627019292
21	0.2%	.00458778741823	.00458778741823
5747	68.4%	.00632460724272-.40002003757292	NOTE: Range of values omitted from display
25	0.3%	.41639653922958	.41639653922958
130	1.5%	.41730501829474	.41730501829474
19	0.2%	.43412463781661	.43412463781661
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc3y2</b>		Num 8	PE scope in Algebra- advanced equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
572	6.8%	0	0
3	0.0%	.0006261713353	.0006261713353
55	0.7%	.0010240777319	.0010240777319
2	0.0%	.00163850482356	.00163850482356
1	0.0%	.00225293191521	.00225293191521
5758	68.5%	.00239182097394-.36958044475231	NOTE: Range of values omitted from display
169	2.0%	.38252909348281	.38252909348281
1	0.0%	.3833208140877	.3833208140877
55	0.7%	.48261472345026	.48261472345026
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc4y2</b>		Num 8	PE scope in Algebra- number patterns, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
3226	38.4%	0	0
8	0.1%	.00007298065845	.00007298065845
3	0.0%	.00014596131691	.00014596131691
14	0.2%	.00037943955047	.00037943955047
24	0.3%	.00047006388841	.00047006388841
3188	37.9%	.00065548446655-.02567508027084	NOTE: Range of values omitted from display
120	1.4%	.02586123100964	.02586123100964
32	0.4%	.02873920182975	.02873920182975
1	0.0%	.04665016272151	.04665016272151
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc5y2</b>		Num 8	PE scope in Algebra- basic function, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1049	12.5%	0	0
27	0.3%	.00006793042251	.00006793042251
29	0.3%	.00010189563376	.00010189563376
1	0.0%	.00015284345064	.00015284345064
231	2.7%	.00020379126753	.00020379126753
5271	62.7%	.00143150467557-.13026108855873	NOTE: Range of values omitted from display
3	0.0%	.14130302164679	.14130302164679
4	0.0%	.19051875197408	.19051875197408
1	0.0%	.21273122175652	.21273122175652
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc6y2</b>		Num 8	PE scope in Algebra- advanced function, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2999	35.7%	0	0
4	0.0%	.00017788384178	.00017788384178
60	0.7%	.00035576768357	.00035576768357

2	0.0%	.00046499468155	.00046499468155
15	0.2%	.0006799332593	.0006799332593
3455	41.1%	.00071153536715-.05216171851671	NOTE: Range of values omitted from display
10	0.1%	.05833935699825	.05833935699825
1	0.0%	.06468614997066	.06468614997066
70	0.8%	.06482211303734	.06482211303734
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc7y2</b>		Num 8	PE scope in Algebra- basic number, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1598	19.0%	0	0
3	0.0%	.00042477764524	.00042477764524
14	0.2%	.00045377575137	.00045377575137
35	0.4%	.00049159033714	.00049159033714
10	0.1%	.00056763490966	.00056763490966
4931	58.7%	.00082904510358-.08317415461774	NOTE: Range of values omitted from display
1	0.0%	.08614657791056	.08614657791056
15	0.2%	.08911900120338	.08911900120338
9	0.1%	.09710136701659	.09710136701659
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc8y2</b>		Num 8	PE scope in Algebra- advanced number, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1021	12.1%	0	0
5	0.1%	.00008865617717	.00008865617717
103	1.2%	.00017731235435	.00017731235435
27	0.3%	.00066376266626	.00066376266626
164	2.0%	.00176485942454	.00176485942454
5239	62.3%	.00254098068032-.11266114095524	NOTE: Range of values omitted from display
8	0.1%	.12587300056096	.12587300056096

35	0.4%	.12627531498009	.12627531498009
14	0.2%	.15263665736744	.15263665736744
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc9y2</b>		Num 8	PE scope in Geometry- 2-D, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
15	0.2%	.00453325652588	.00453325652588
1	0.0%	.00453684215098	.00453684215098
11	0.1%	.00608440081925	.00608440081925
455	5.4%	.00793569045773	.00793569045773
5981	71.2%	.00891640593077-.61606682741854	NOTE: Range of values omitted from display
1	0.0%	.64766071785683	.64766071785683
4	0.0%	.72731977721	.72731977721
103	1.2%	.89314624611551	.89314624611551
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc10y2</b>		Num 8	PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2282	27.2%	0	0
120	1.4%	.00049330981813	.00049330981813
93	1.1%	.00049951220023	.00049951220023
53	0.6%	.00065955723425	.00065955723425
1	0.0%	.00090739450951	.00090739450951
3942	46.9%	.00104746015805-.09690815850213	NOTE: Range of values omitted from display
55	0.7%	.11484534833256	.11484534833256
3	0.0%	.12120824368247	.12120824368247
67	0.8%	.12748073174692	.12748073174692
241	2.9%	9991	Student did not take course in specified subject in given year

1548	18.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmc11y2</b>		Num 8	PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
4	0.0%	.00280870596004	.00280870596004
120	1.4%	.00281939864414	.00281939864414
1	0.0%	.00319469693942	.00319469693942
19	0.2%	.00359198987067	.00359198987067
6390	76.0%	.00380519734036-.18365110955153	NOTE: Range of values omitted from display
31	0.4%	.18934857481682	.18934857481682
2	0.0%	.2303134491228	.2303134491228
4	0.0%	.31666198904674	.31666198904674
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc12y2</b>		Num 8	PE scope in Geometry- transformation, congruence and similarity, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
818	9.7%	0	0
11	0.1%	.00037080259861	.00037080259861
50	0.6%	.00039179925221	.00039179925221
455	5.4%	.00074160519723	.00074160519723
93	1.1%	.00078359850443	.00078359850443
4948	58.9%	.00134488410167-.19920788025101	NOTE: Range of values omitted from display
164	2.0%	.20003387460635	.20003387460635
74	0.9%	.20119418375255	.20119418375255
3	0.0%	.22900576388285	.22900576388285
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc13y2</b>		Num 8	PE scope in Numbers and arithmetic- whole numbers, year 2
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
2150	25.6%	0	0
1	0.0%	.00023454633874	.00023454633874
1	0.0%	.00040950088483	.00040950088483
114	1.4%	.00046909267748	.00046909267748
2	0.0%	.00061253966073	.00061253966073
4340	51.6%	.00067474469736-.0652400128804	NOTE: Range of values omitted from display
4	0.0%	.07271427652104	.07271427652104
1	0.0%	.08501082855025	.08501082855025
3	0.0%	.20913990766746	.20913990766746
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc14y2</b>			
		Num 8	PE scope in Fractions, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1462	17.4%	0	0
20	0.2%	.00027620448942	.00027620448942
1	0.0%	.00028184376548	.00028184376548
60	0.7%	.00040126227226	.00040126227226
15	0.2%	.00052302558408	.00052302558408
5041	60.0%	.00055240897885-.43536598979299	NOTE: Range of values omitted from display
9	0.1%	.53329734807945	.53329734807945
5	0.1%	.57791704795692	.57791704795692
3	0.0%	.62952114791753	.62952114791753
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc15y2</b>			
		Num 8	PE scope in Number theory, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3853	45.8%	0	0
20	0.2%	.0001634830717	.0001634830717

1	0.0%	.00024522460755	.00024522460755
25	0.3%	.0003269661434	.0003269661434
31	0.4%	.0004904492151	.0004904492151
2646	31.5%	.00088788110567-.0293633467461	NOTE: Range of values omitted from display
30	0.4%	.03181240150647	.03181240150647
1	0.0%	.03357465781786	.03357465781786
9	0.1%	.03385478901292	.03385478901292
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc16y2</b>		Num 8	PE scope in Discrete math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2772	33.0%	0	0
27	0.3%	.00013680432311	.00013680432311
2	0.0%	.00019381044207	.00019381044207
1	0.0%	.00020520648466	.00020520648466
1	0.0%	.00027817821881	.00027817821881
3777	44.9%	.00028759408256-.04371838955336	NOTE: Range of values omitted from display
1	0.0%	.04619468925918	.04619468925918
4	0.0%	.04651639516368	.04651639516368
31	0.4%	.07417453737915	.07417453737915
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc17y2</b>		Num 8	PE scope in Estimation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2058	24.5%	0	0
9	0.1%	.00009493027214	.00009493027214
3	0.0%	.00018986054428	.00018986054428
9	0.1%	.00035861680425	.00035861680425
1	0.0%	.00038021195964	.00038021195964
4480	53.3%	.00039925341744-.05530757948344	NOTE: Range of values omitted from display



32	0.4%	.05564077259213	.05564077259213
6	0.1%	.06920682424373	.06920682424373
18	0.2%	.07883203539529	.07883203539529
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc18y2</b>		Num 8	PE scope in Measurement, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1974	23.5%	0	0
14	0.2%	.00009815992532	.00009815992532
14	0.2%	.00016996602109	.00016996602109
341	4.1%	.00019631985064	.00019631985064
11	0.1%	.00025494903164	.00025494903164
4253	50.6%	.00033993204219-.06362351625542	NOTE: Range of values omitted from display
3	0.0%	.07480096108823	.07480096108823
1	0.0%	.07589615074777	.07589615074777
5	0.1%	.26233406034681	.26233406034681
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc19y2</b>		Num 8	PE scope in Perimeter, area, and volume, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
578	6.9%	0	0
1	0.0%	.00100767672149	.00100767672149
15	0.2%	.00109332827885	.00109332827885
6	0.1%	.00123919053201	.00123919053201
1	0.0%	.00144716015836	.00144716015836
5841	69.5%	.00154542804508-.17069199447128	NOTE: Range of values omitted from display
4	0.0%	.193996458488	.193996458488
67	0.8%	.20705012767613	.20705012767613
103	1.2%	.24927955164256	.24927955164256
241	2.9%	9991	Student did not take course in specified subject in given year

1548	18.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmc20y2</b>			
		Num 8	PE scope in Probability- proportionality concepts Y2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1027	12.2%	0	0
8	0.1%	.0000608444673	.0000608444673
3	0.0%	.00012168893461	.00012168893461
52	0.6%	.00043820157587	.00043820157587
2	0.0%	.00073059204044	.00073059204044
5512	65.6%	.00087640315175-.03503170605663	NOTE: Range of values omitted from display
4	0.0%	.07726932976661	.07726932976661
5	0.1%	.13232343630817	.13232343630817
3	0.0%	.16872493477735	.16872493477735
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc21y2</b>			
		Num 8	PE scope in Probability- proportionality problems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
989	11.8%	0	0
1	0.0%	.00025112097936	.00025112097936
1	0.0%	.0009044422087	.0009044422087
3	0.0%	.00144656171876	.00144656171876
14	0.2%	.00175640821279	.00175640821279
5464	65.0%	.00184345192553-.05775448026765	NOTE: Range of values omitted from display
74	0.9%	.06827767434392	.06827767434392
3	0.0%	.07880086842019	.07880086842019
67	0.8%	.08038388874719	.08038388874719
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc22y2</b>			
		Num 8	PE scope in Probability- linear interpolation and extrapolation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
5355	63.7%	0	0
1	0.0%	.00004412928816	.00004412928816
36	0.4%	.00008825857633	.00008825857633
32	0.4%	.00017651715266	.00017651715266
7	0.1%	.00030783283427	.00030783283427
778	9.3%	.00035303430533-.00390624427976	NOTE: Range of values omitted from display
184	2.2%	.00446492650537	.00446492650537
130	1.5%	.00646431887321	.00646431887321
93	1.1%	.00702852089742	.00702852089742
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc23y2</b>		Num 8	PE scope in Trigonometry, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.7%	0	0
1	0.0%	.00073231756213	.00073231756213
1	0.0%	.00083776278867	.00083776278867
3	0.0%	.00098071980933	.00098071980933
1	0.0%	.00186792552006	.00186792552006
5450	64.8%	.00199609063687-.14657378253008	NOTE: Range of values omitted from display
2	0.0%	.16889666929736	.16889666929736
2	0.0%	.19505525596255	.19505525596255
5	0.1%	.26171241690865	.26171241690865
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc24y2</b>		Num 8	PE scope in Statistics- data representation and analysisY2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1384	16.5%	0	0
14	0.2%	.00016996602109	.00016996602109
21	0.2%	.00025370618499	.00025370618499

9	0.1%	.00025494903164	.00025494903164
9	0.1%	.00033993204219	.00033993204219
5081	60.5%	.00050741236999-.1155946070757	NOTE: Range of values omitted from display
1	0.0%	.1274503038983	.1274503038983
93	1.1%	.14280238033244	.14280238033244
4	0.0%	.17135869700514	.17135869700514
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc25y2</b>		Num 8	PE scope in Statistics- uncertainty and probability, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1107	13.2%	0	0
3	0.0%	.00071976747174	.00071976747174
1	0.0%	.00101469741996	.00101469741996
67	0.8%	.00120166526857	.00120166526857
1	0.0%	.00133607103053	.00133607103053
5431	64.6%	.00193690366482-.12775394864496	NOTE: Range of values omitted from display
4	0.0%	.13834720514731	.13834720514731
1	0.0%	.217109469819	.217109469819
1	0.0%	.24062973438352	.24062973438352
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc26y2</b>		Num 8	PE scope in Calculus- infinite process, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4052	48.2%	0	0
26	0.3%	.00025133877159	.00025133877159
6	0.1%	.00028759408256	.00028759408256
341	4.1%	.00050267754319	.00050267754319
29	0.3%	.00057518816513	.00057518816513
2116	25.2%	.00113527684929-.11402867009137	NOTE: Range of values omitted from display
7	0.1%	.11434044511948	.11434044511948

35	0.4%	.13182019122336	.13182019122336
4	0.0%	.17730417988194	.17730417988194
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc27y2</b>		Num 8	PE scope in Calculus- change, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3617	43.0%	0	0
3	0.0%	.00114482532919	.00114482532919
39	0.5%	.00121498873481	.00121498873481
1	0.0%	.00133521320699	.00133521320699
2	0.0%	.00147790986012	.00147790986012
2951	35.1%	.00175322211251-.04363026044341	NOTE: Range of values omitted from display
1	0.0%	.18479485067581	.18479485067581
1	0.0%	.28556539041134	.28556539041134
1	0.0%	.32595944090821	.32595944090821
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc28y2</b>		Num 8	PE scope in Validation and structuring, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1811	21.5%	0	0
1	0.0%	.00034811382941	.00034811382941
36	0.4%	.00036615684184	.00036615684184
1	0.0%	.00075094417225	.00075094417225
3	0.0%	.00108150619264	.00108150619264
4691	55.8%	.00126128981958-.13542584809621	NOTE: Range of values omitted from display
2	0.0%	.13820440367705	.13820440367705
67	0.8%	.14098295925789	.14098295925789
4	0.0%	.178703776977	.178703776977
241	2.9%	9991	Student did not take course in specified subject in given year

1548	18.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmc29y2</b>		Num 8	PE scope in other topics, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1401	16.7%	0	0
12	0.1%	.0002812001693	.0002812001693
14	0.2%	.00041776180285	.00041776180285
2	0.0%	.00056198741811	.00056198741811
184	2.2%	.0005624003386	.0005624003386
4988	59.3%	.00080108826704-.12969902727888	NOTE: Range of values omitted from display
5	0.1%	.22126068424236	.22126068424236
1	0.0%	.25274901537131	.25274901537131
9	0.1%	.48214463083551	.48214463083551
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd1y2</b>		Num 8	IGP*PE scope in Algebra- pre-equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1362	16.2%	0	0
29	0.3%	.00025172096721	.00025172096721
1	0.0%	.0003304815447	.0003304815447
1	0.0%	.00047291360925	.00047291360925
1	0.0%	.00049572231705	.00049572231705
4862	57.8%	.00050344193442-.09006630170662	NOTE: Range of values omitted from display
341	4.1%	.09232788359769	.09232788359769
9	0.1%	.1139312632466	.1139312632466
10	0.1%	.11498403645225	.11498403645225
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd2y2</b>		Num 8	IGP*PE scope in Algebra- basic equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
487	5.8%	0	0
21	0.2%	.00284911251707	.00284911251707
164	2.0%	.00417204745095	.00417204745095
2	0.0%	.00440711237902	.00440711237902
1	0.0%	.00581644476918	.00581644476918
5762	68.6%	.00659644324601-.38869486940759	NOTE: Range of values omitted from display
30	0.4%	.3978631756879	.3978631756879
130	1.5%	.43138474579356	.43138474579356
19	0.2%	.43664333191643	.43664333191643
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd3y2</b>		Num 8	IGP*PE scope in Algebra- advanced equation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
572	6.8%	0	0
3	0.0%	.00085565890468	.00085565890468
55	0.7%	.00151848751918	.00151848751918
2	0.0%	.00203785910335	.00203785910335
25	0.3%	.00254679274337	.00254679274337
5734	68.2%	.00255723068751-.40283853419837	NOTE: Range of values omitted from display
1	0.0%	.41529655643261	.41529655643261
169	2.0%	.4228634331997	.4228634331997
55	0.7%	.50465817263349	.50465817263349
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd4y2</b>		Num 8	IGP*PE scope in Algebra- number patterns, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3226	38.4%	0	0
8	0.1%	.00008998394981	.00008998394981
3	0.0%	.00017996789963	.00017996789963

14	0.2%	.00045711330173	.00045711330173
24	0.3%	.00072189153406	.00072189153406
3307	39.3%	.00072206866828-.03473671854701	NOTE: Range of values omitted from display
1	0.0%	.03596722966101	.03596722966101
32	0.4%	.04148917157929	.04148917157929
1	0.0%	.06718446079608	.06718446079608
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd5y2</b>		Num 8	IGP*PE scope in Algebra- basic function, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1049	12.5%	0	0
27	0.3%	.00006553013701	.00006553013701
29	0.3%	.00009829520552	.00009829520552
1	0.0%	.00014744280829	.00014744280829
231	2.7%	.00019659041105	.00019659041105
5271	62.7%	.00094295650565-.1441338034609	NOTE: Range of values omitted from display
3	0.0%	.15284664817885	.15284664817885
4	0.0%	.20753111378072	.20753111378072
1	0.0%	.21770220255561	.21770220255561
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd6y2</b>		Num 8	IGP*PE scope in Algebra- advanced function, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2999	35.7%	0	0
4	0.0%	.00025932217897	.00025932217897
15	0.2%	.00045260937111	.00045260937111
2	0.0%	.00048908210543	.00048908210543
60	0.7%	.00051864435794	.00051864435794
3455	41.1%	.00090521874222-.06197448473538	NOTE: Range of values omitted from display
10	0.1%	.07029730522289	.07029730522289



1	0.0%	.07556419150664	.07556419150664
70	0.8%	.07793221161548	.07793221161548
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd7y2</b>		Num 8	IGP*PE scope in Algebra- basic number, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1598	19.0%	0	0
55	0.7%	.00013804431992	.00013804431992
3	0.0%	.0003293581886	.0003293581886
14	0.2%	.00041897788419	.00041897788419
10	0.1%	.00044654333826	.00044654333826
4911	58.4%	.00053673906446-.08367658136452	NOTE: Range of values omitted from display
1	0.0%	.08784735425833	.08784735425833
15	0.2%	.09201812715214	.09201812715214
9	0.1%	.10256331387527	.10256331387527
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd8y2</b>		Num 8	IGP*PE scope in Algebra- advanced number, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1021	12.1%	0	0
5	0.1%	.00010560461007	.00010560461007
103	1.2%	.00021120922014	.00021120922014
27	0.3%	.00078949742862	.00078949742862
164	2.0%	.00173604177273	.00173604177273
5063	60.2%	.00290165912244-.11620940724401	NOTE: Range of values omitted from display
184	2.2%	.11814813869143	.11814813869143
35	0.4%	.14573909212139	.14573909212139
14	0.2%	.15931875988273	.15931875988273
241	2.9%	9991	Student did not take course in specified subject in given year

1548	18.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmd9y2</b>		Num 8	IGP*PE scope in Geometry- 2-D, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
15	0.2%	.00312336968742	.00312336968742
1	0.0%	.00344401056328	.00344401056328
11	0.1%	.00594838556913	.00594838556913
455	5.4%	.00704870591511	.00704870591511
5859	69.7%	.00744975465983-.54095468444576	NOTE: Range of values omitted from display
123	1.5%	.5451438607352	.5451438607352
4	0.0%	.59796423106025	.59796423106025
103	1.2%	.73756120878473	.73756120878473
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd10y2</b>		Num 8	IGP*PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2282	27.2%	0	0
120	1.4%	.00048859904961	.00048859904961
53	0.6%	.00056646512758	.00056646512758
93	1.1%	.00066191150561	.00066191150561
1	0.0%	.00071473659352	.00071473659352
3996	47.5%	.00137034972114-.08417735804777	NOTE: Range of values omitted from display
1	0.0%	.08620833310196	.08620833310196
67	0.8%	.10547011160789	.10547011160789
3	0.0%	.11594117300825	.11594117300825
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd11y2</b>		Num 8	IGP*PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 2
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
45	0.5%	0	0
120	1.4%	.00243488613986	.00243488613986
1	0.0%	.00361594693798	.00361594693798
4	0.0%	.00405170975047	.00405170975047
19	0.2%	.00407774063974	.00407774063974
6390	76.0%	.00445985752604-.18134075036214	NOTE: Range of values omitted from display
31	0.4%	.19327471223532	.19327471223532
2	0.0%	.24590224498151	.24590224498151
4	0.0%	.34470151179739	.34470151179739
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

etmd12y2			
		Num 8	IGP*PE scope in Geometry- transformation, congruence and similarity, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
818	9.7%	0	0
50	0.6%	.00021481533573	.00021481533573
11	0.1%	.00026498034267	.00026498034267
93	1.1%	.00042963067146	.00042963067146
455	5.4%	.00052996068535	.00052996068535
4941	58.8%	.00177130878049-.1484625546015	NOTE: Range of values omitted from display
3	0.0%	.15917751507724	.15917751507724
164	2.0%	.17130190502201	.17130190502201
81	1.0%	.17220259495207	.17220259495207
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

etmd13y2			
		Num 8	IGP*PE scope in Numbers and arithmetic- whole numbers, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2150	25.6%	0	0

21	0.2%	.00010788041451	.00010788041451
18	0.2%	.00015080801868	.00015080801868
2	0.0%	.00019021336143	.00019021336143
1	0.0%	.00020105707997	.00020105707997
4382	52.1%	.00021576082903-.03238795286252	NOTE: Range of values omitted from display
30	0.4%	.03272815029744	.03272815029744
9	0.1%	.03447385319667	.03447385319667
3	0.0%	.10641109917621	.10641109917621
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd14y2</b>		Num 8	IGP*PE scope in Fractions, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1462	17.4%	0	0
1	0.0%	.0001696479386	.0001696479386
60	0.7%	.00024161687285	.00024161687285
15	0.2%	.00037717447592	.00037717447592
20	0.2%	.00039479612644	.00039479612644
5041	60.0%	.00048323374571-.40069882212782	NOTE: Range of values omitted from display
5	0.1%	.48138756489599	.48138756489599
3	0.0%	.50966824567147	.50966824567147
9	0.1%	.58916090469436	.58916090469436
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd15y2</b>		Num 8	IGP*PE scope in Number theory, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3853	45.8%	0	0
20	0.2%	.00012408726185	.00012408726185
1	0.0%	.00018613089277	.00018613089277
25	0.3%	.0002481745237	.0002481745237
31	0.4%	.00037226178555	.00037226178555

2542	30.2%	.00066890918405-.02829682947064	NOTE: Range of values omitted from display
1	0.0%	.02891194741775	.02891194741775
13	0.2%	.0305143600618	.0305143600618
130	1.5%	.03196874054178	.03196874054178
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd16y2</b>		Num 8	IGP*PE scope in Discrete math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2772	33.0%	0	0
27	0.3%	.00020284341538	.00020284341538
2	0.0%	.00028208779825	.00028208779825
1	0.0%	.00030426512307	.00030426512307
1	0.0%	.00036795685323	.00036795685323
3743	44.5%	.00042292012145-.05502373226436	NOTE: Range of values omitted from display
4	0.0%	.05572911487425	.05572911487425
35	0.4%	.06041584691561	.06041584691561
31	0.4%	.08572147180119	.08572147180119
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd17y2</b>		Num 8	IGP*PE scope in Estimation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2058	24.5%	0	0
9	0.1%	.00003458220467	.00003458220467
3	0.0%	.00006916440934	.00006916440934
9	0.1%	.00016580963267	.00016580963267
10	0.1%	.00024871444901	.00024871444901
4478	53.3%	.00026880203284-.03799488734375	NOTE: Range of values omitted from display
13	0.2%	.0402978911482	.0402978911482
30	0.4%	.05104474885923	.05104474885923
6	0.1%	.05776495545095	.05776495545095

241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd18y2</b>		Num 8	IGP*PE scope in Measurement, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1974	23.5%	0	0
14	0.2%	.00003978273407	.00003978273407
14	0.2%	.00006987931362	.00006987931362
341	4.1%	.00007956546815	.00007956546815
11	0.1%	.00010481897043	.00010481897043
4253	50.6%	.00013975862725-.04496117705077	NOTE: Range of values omitted from display
3	0.0%	.04859922782947	.04859922782947
1	0.0%	.04973228567498	.04973228567498
5	0.1%	.17009845574975	.17009845574975
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd19y2</b>		Num 8	IGP*PE scope in Perimeter, area, and volume, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
578	6.9%	0	0
1	0.0%	.0008041161072	.0008041161072
1	0.0%	.00086026302198	.00086026302198
2	0.0%	.00103670084553	.00103670084553
6	0.1%	.00105012277704	.00105012277704
5803	69.0%	.00107427652041-.11759556659721	NOTE: Range of values omitted from display
55	0.7%	.13469270852517	.13469270852517
67	0.8%	.14287850299471	.14287850299471
103	1.2%	.14959593415582	.14959593415582
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd20y2</b>		Num 8	IGP*PE scope in Probability- proportionality conceptsY2
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1027	12.2%	0	0
8	0.1%	.00006649520034	.00006649520034
3	0.0%	.00013299040068	.00013299040068
52	0.6%	.00030392633108	.00030392633108
2	0.0%	.00032006922348	.00032006922348
5512	65.6%	.00046517303798-.02590373973394	NOTE: Range of values omitted from display
4	0.0%	.05223020807257	.05223020807257
5	0.1%	.10966589164049	.10966589164049
3	0.0%	.13520810371386	.13520810371386
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

etmd21y2			
		Num 8	IGP*PE scope in Probability- proportionality problems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
989	11.8%	0	0
1	0.0%	.00018275384983	.00018275384983
3	0.0%	.00105633293088	.00105633293088
1	0.0%	.00112199125162	.00112199125162
1	0.0%	.00126419048181	.00126419048181
5550	66.0%	.00126730287783-.05403674382053	NOTE: Range of values omitted from display
1	0.0%	.05511382399008	.05511382399008
3	0.0%	.06460851299831	.06460851299831
67	0.8%	.08942537527592	.08942537527592
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

etmd22y2			
		Num 8	IGP*PE scope in Probability- linear interpolation and extrapolation, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5355	63.7%	0	0

1	0.0%	.00005365480048	.00005365480048
36	0.4%	.00010730960096	.00010730960096
32	0.4%	.00021461920192	.00021461920192
7	0.1%	.00027092009263	.00027092009263
778	9.3%	.00036122679017-.00467290191743	NOTE: Range of values omitted from display
184	2.2%	.00549165230344	.00549165230344
130	1.5%	.00665746765014	.00665746765014
93	1.1%	.00687599305326	.00687599305326
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd23y2</b>		Num 8	IGP*PE scope in Trigonometry, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.7%	0	0
1	0.0%	.00099373196296	.00099373196296
1	0.0%	.00107299650722	.00107299650722
3	0.0%	.00116375661876	.00116375661876
1	0.0%	.00193449480006	.00193449480006
5450	64.8%	.00200316155596-.15541446481757	NOTE: Range of values omitted from display
2	0.0%	.17995611163058	.17995611163058
2	0.0%	.19400858847725	.19400858847725
5	0.1%	.27741125622723	.27741125622723
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd24y2</b>		Num 8	IGP*PE scope in Statistics- data representation and analysis, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1384	16.5%	0	0
21	0.2%	.00023374089812	.00023374089812
14	0.2%	.00023651459996	.00023651459996
9	0.1%	.00035477189994	.00035477189994
7	0.1%	.00046748179625	.00046748179625



5083	60.5%	.00047302919992-.11926788935871	NOTE: Range of values omitted from display
1	0.0%	.12568745959937	.12568745959937
4	0.0%	.13555136207004	.13555136207004
93	1.1%	.1388994569749	.1388994569749
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd25y2</b>		Num 8	IGP*PE scope in Statistics- uncertainty and probability, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1107	13.2%	0	0
67	0.8%	.00053895531037	.00053895531037
3	0.0%	.00115567993747	.00115567993747
1	0.0%	.00133488730873	.00133488730873
1	0.0%	.00164438380108	.00164438380108
5400	64.2%	.00190354409476-.16151816596978	NOTE: Range of values omitted from display
35	0.4%	.16277922287781	.16277922287781
1	0.0%	.2650562788969	.2650562788969
1	0.0%	.29111363380264	.29111363380264
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd26y2</b>		Num 8	IGP*PE scope in Calculus- infinite process, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4052	48.2%	0	0
26	0.3%	.00034476980229	.00034476980229
6	0.1%	.00046368350665	.00046368350665
341	4.1%	.00068953960458	.00068953960458
29	0.3%	.00092736701331	.00092736701331
2122	25.2%	.00136921854636-.14241714770526	NOTE: Range of values omitted from display
1	0.0%	.14685538866837	.14685538866837
35	0.4%	.15351476529554	.15351476529554
4	0.0%	.21821307997096	.21821307997096

241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd27y2</b>		Num 8	IGP*PE scope in Calculus- change, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3617	43.0%	0	0
1	0.0%	.0009465366565	.0009465366565
13	0.2%	.00141980498475	.00141980498475
3	0.0%	.00158804797238	.00158804797238
39	0.5%	.0017411553834	.0017411553834
2940	35.0%	.00185858279121-.06106653312462	NOTE: Range of values omitted from display
1	0.0%	.21731611843506	.21731611843506
1	0.0%	.36082408139552	.36082408139552
1	0.0%	.38306740575191	.38306740575191
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd28y2</b>		Num 8	IGP*PE scope in Validation and structuring, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1811	21.5%	0	0
1	0.0%	.00041898639616	.00041898639616
36	0.4%	.00050908486448	.00050908486448
1	0.0%	.00080531181804	.00080531181804
3	0.0%	.0008715902859	.0008715902859
4691	55.8%	.00153478717097-.15566043440041	NOTE: Range of values omitted from display
2	0.0%	.16048338385325	.16048338385325
67	0.8%	.17590608016186	.17590608016186
4	0.0%	.20881593628189	.20881593628189
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd29y2</b>		Num 8	IGP*PE scope in other topics, year 2
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1401	16.7%	0	0
12	0.1%	.00033699486668	.00033699486668
14	0.2%	.00040841541652	.00040841541652
2	0.0%	.00060785628254	.00060785628254
184	2.2%	.00067398973336	.00067398973336
4983	59.3%	.00069387500754-.1761095294899	NOTE: Range of values omitted from display
6	0.1%	.18328550811141	.18328550811141
5	0.1%	.18802891511567	.18802891511567
9	0.1%	.32699496592239	.32699496592239
241	2.9%	9991	Student did not take course in specified subject in given year
1548	18.4%	9992	Student took course, but curriculum information not available for this course

<b>etma1y3</b>		Num 8	Unweighted scope in Algebra- pre-equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
856	10.2%	0	0
29	0.3%	.00046977840372	.00046977840372
1	0.0%	.00052378174486	.00052378174486
5	0.1%	.00059209537066	.00059209537066
2	0.0%	.0007224859228	.0007224859228
5243	62.4%	.00079425369099-.11132627664847	NOTE: Range of values omitted from display
2	0.0%	.11300304578013	.11300304578013
1	0.0%	.14376809785972	.14376809785972
84	1.0%	.19565771153133	.19565771153133
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma2y3</b>		Num 8	Unweighted scope in Algebra- basic equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
295	3.5%	0	0
63	0.7%	.00340700875587	.00340700875587

1	0.0%	.00377705986556	.00377705986556
2	0.0%	.00499577046078	.00499577046078
102	1.2%	.00551960344582	.00551960344582
5730	68.2%	.0070857018727-.38001823063974	NOTE: Range of values omitted from display
9	0.1%	.43412666794269	.43412666794269
17	0.2%	.44153584624122	.44153584624122
4	0.0%	.4506118377794	.4506118377794
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma3y3</b>		Num 8	Unweighted scope in Algebra- advanced equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
287	3.4%	0	0
1	0.0%	.00092231569339	.00092231569339
3	0.0%	.00148219350256	.00148219350256
16	0.2%	.00184463138678	.00184463138678
21	0.2%	.00244738271139	.00244738271139
5566	66.2%	.00274773013903-.4392271391833	NOTE: Range of values omitted from display
1	0.0%	.4735965408561	.4735965408561
1	0.0%	.50146849209058	.50146849209058
327	3.9%	.5423353442017	.5423353442017
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma4y3</b>		Num 8	Unweighted scope in Algebra- number patterns, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3435	40.9%	0	0
36	0.4%	.00015847892098	.00015847892098
75	0.9%	.00031695784196	.00031695784196
10	0.1%	.00034681947892	.00034681947892
30	0.4%	.00048578489881	.00048578489881
2275	27.1%	.00058126788499-.02105656912839	NOTE: Range of values omitted from display

1	0.0%	.02203284921578	.02203284921578
214	2.5%	.02388819151165	.02388819151165
147	1.7%	.04211313825679	.04211313825679
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma5y3</b>		Num 8	Unweighted scope in Algebra- basic function, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
601	7.2%	0	0
10	0.1%	.00014376904375	.00014376904375
36	0.4%	.00021565356562	.00021565356562
128	1.5%	.00043130713125	.00043130713125
36	0.4%	.00168106034255	.00168106034255
5338	63.5%	.00223944798527-.2124366233782	NOTE: Range of values omitted from display
11	0.1%	.21442046677437	.21442046677437
3	0.0%	.2286282142562	.2286282142562
60	0.7%	.29575908466064	.29575908466064
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma6y3</b>		Num 8	Unweighted scope in Algebra- advanced function, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1696	20.2%	0	0
52	0.6%	.00060450565187	.00060450565187
3	0.0%	.00062145594023	.00062145594023
1	0.0%	.00099308508413	.00099308508413
2	0.0%	.00120901130374	.00120901130374
4454	53.0%	.00124291188047-.11517681206556	NOTE: Range of values omitted from display
1	0.0%	.13055589427437	.13055589427437
1	0.0%	.13236413813713	.13236413813713
13	0.2%	.13241830079119	.13241830079119
889	10.6%	9991	Student did not take course in specified subject in given year

1293	15.4%	9992	Student took course, but curriculum information not available for this course
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<b>etma7y3</b>		Num 8	Unweighted scope in Algebra- basic number, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1785	21.2%	0	0
1	0.0%	.0005967485175	.0005967485175
10	0.1%	.0007711441016	.0007711441016
5	0.1%	.00106963383714	.00106963383714
93	1.1%	.001193497035	.001193497035
4285	51.0%	.00120993193105-.07695403767528	NOTE: Range of values omitted from display
6	0.1%	.08010054847886	.08010054847886
2	0.0%	.08633441437149	.08633441437149
36	0.4%	.09571479106769	.09571479106769
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma8y3</b>		Num 8	Unweighted scope in Algebra- advanced number, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
634	7.5%	0	0
26	0.3%	.00051472789958	.00051472789958
10	0.1%	.0008138305257	.0008138305257
102	1.2%	.00174209546878	.00174209546878
5	0.1%	.00192862000362	.00192862000362
5434	64.7%	.00324280135035-.17024596933609	NOTE: Range of values omitted from display
4	0.0%	.19603085401287	.19603085401287
1	0.0%	.23091548667812	.23091548667812
7	0.1%	.25445821111553	.25445821111553
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma9y3</b>		Num 8	Unweighted scope in Geometry- 2-D, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
83	1.0%	0	0
9	0.1%	.00303884471471	.00303884471471
7	0.1%	.00386079177221	.00386079177221
2	0.0%	.00471989384441	.00471989384441
1	0.0%	.00479326473047	.00479326473047
5799	69.0%	.00635632423379-.53950293072485	NOTE: Range of values omitted from display
29	0.3%	.5698177045632	.5698177045632
267	3.2%	.61021772061955	.61021772061955
26	0.3%	.6299960948271101	.6299960948271101
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma10y3</b>			
		Num 8	Unweighted scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2248	26.7%	0	0
12	0.1%	.00056297698305	.00056297698305
2	0.0%	.00097137907382	.00097137907382
147	1.7%	.00104431501876	.00104431501876
23	0.3%	.0011259539661	.0011259539661
3625	43.1%	.00123555861657-.09813328004475	NOTE: Range of values omitted from display
128	1.5%	.10542626955815	.10542626955815
21	0.2%	.10771108511223	.10771108511223
17	0.2%	.1329947403824	.1329947403824
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma11y3</b>			
		Num 8	Unweighted scope in Geometry- conic sections and their equations, and equations for lines and planes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
83	1.0%	0	0
10	0.1%	.00326286496751	.00326286496751

1	0.0%	.00336083137872	.00336083137872
147	1.7%	.00556109814138	.00556109814138
1	0.0%	.00661625772056	.00661625772056
5890	70.1%	.00668213611588-.19378311015248	NOTE: Range of values omitted from display
3	0.0%	.21092303843065	.21092303843065
84	1.0%	.2679339225867	.2679339225867
4	0.0%	.31430500019065	.31430500019065
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma12y3</b>		Num 8	Unweighted scope in Geometry- transformation, congruence and similarity, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
888	10.6%	0	0
1	0.0%	.00037544146157	.00037544146157
3	0.0%	.00041723856339	.00041723856339
60	0.7%	.00075088292315	.00075088292315
192	2.3%	.00083447712679	.00083447712679
4846	57.7%	.0008499999581-.21119310353048	NOTE: Range of values omitted from display
102	1.2%	.2224275241798	.2224275241798
128	1.5%	.23438021835411	.23438021835411
3	0.0%	.25592540187576	.25592540187576
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma13y3</b>		Num 8	Unweighted scope in Numbers and arithmetic- whole numbers, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2471	29.4%	0	0
1	0.0%	.00054929173817	.00054929173817
2	0.0%	.0006987754063	.0006987754063
1	0.0%	.00083484658874	.00083484658874
3	0.0%	.00088037552904	.00088037552904



3541	42.1%	.00090214266148-.0875013540189	NOTE: Range of values omitted from display
182	2.2%	.10242281251113	.10242281251113
10	0.1%	.13006508018922	.13006508018922
12	0.1%	.13944820293205	.13944820293205
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma14y3</b>		Num 8	Unweighted scope in Fractions, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1609	19.1%	0	0
4	0.0%	.00023518748796	.00023518748796
7	0.1%	.00035606975695	.00035606975695
63	0.7%	.0004087586505	.0004087586505
7	0.1%	.00051831820722	.00051831820722
4491	53.4%	.00053381141063-.41365810367926	NOTE: Range of values omitted from display
12	0.1%	.41974577575315	.41974577575315
26	0.3%	.5090546995158201	.5090546995158201
4	0.0%	.50997584746118	.50997584746118
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma15y3</b>		Num 8	Unweighted scope in Number theory, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4093	48.7%	0	0
4	0.0%	.00008650932204	.00008650932204
6	0.1%	.00012976398306	.00012976398306
52	0.6%	.00017301864408	.00017301864408
29	0.3%	.00025952796613	.00025952796613
1877	22.3%	.00042110777543-.03577466931941	NOTE: Range of values omitted from display
132	1.6%	.03634164314466	.03634164314466
9	0.1%	.03716499601518	.03716499601518
21	0.2%	.05331372924316	.05331372924316

889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma16y3</b>		Num 8	Unweighted scope in Discrete math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1783	21.2%	0	0
10	0.1%	.00028953487977	.00028953487977
3	0.0%	.00033989214393	.00033989214393
6	0.1%	.00053252737622	.00053252737622
2	0.0%	.00061890269598	.00061890269598
4311	51.3%	.00086152893964-.03702267123702	NOTE: Range of values omitted from display
1	0.0%	.03840026248987	.03840026248987
93	1.1%	.03914273655967	.03914273655967
14	0.2%	.05363559541115	.05363559541115
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma17y3</b>		Num 8	Unweighted scope in Estimation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2018	24.0%	0	0
36	0.4%	.00010307146726	.00010307146726
75	0.9%	.00020614293452	.00020614293452
11	0.1%	.00021104085926	.00021104085926
25	0.3%	.00030566229135	.00030566229135
4017	47.8%	.00044521540883-.04405342001012	NOTE: Range of values omitted from display
22	0.3%	.04716279389195	.04716279389195
10	0.1%	.04978904955738	.04978904955738
9	0.1%	.05801985289701	.05801985289701
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma18y3</b>		Num 8	Unweighted scope in Measurement, year 3
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
2209	26.3%	0	0
2	0.0%	.00013169477318	.00013169477318
7	0.1%	.00019754215978	.00019754215978
4	0.0%	.00022484966031	.00022484966031
18	0.2%	.00032048338805	.00032048338805
3962	47.1%	.00033727449046-.07554383815271	NOTE: Range of values omitted from display
10	0.1%	.08200170544432	.08200170544432
1	0.0%	.0931255336148	.0931255336148
10	0.1%	.18132371671176	.18132371671176
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

etma19y3			
		Num 8	Unweighted scope in Perimeter, area, and volume, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
811	9.6%	0	0
1	0.0%	.00035530429939	.00035530429939
2	0.0%	.00079684914754	.00079684914754
28	0.3%	.00124478930238	.00124478930238
7	0.1%	.00133865521224	.00133865521224
5317	63.3%	.00153726916767-.12422074677541	NOTE: Range of values omitted from display
10	0.1%	.12991931833612	.12991931833612
21	0.2%	.16642077730779	.16642077730779
26	0.3%	.18091116731707	.18091116731707
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

etma20y3			
		Num 8	Unweighted scope in Probability- proportionality concepts, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2060	24.5%	0	0
2	0.0%	.00010497661696	.00010497661696

35	0.4%	.00013212494557	.00013212494557
60	0.7%	.00020995323393	.00020995323393
75	0.9%	.00026424989115	.00026424989115
3965	47.2%	.00027052842833-.0566785544055	NOTE: Range of values omitted from display
4	0.0%	.05993186191614	.05993186191614
10	0.1%	.08852566893846	.08852566893846
12	0.1%	.1125007140289	.1125007140289
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma21y3</b>		Num 8	Unweighted scope in Probability- proportionality problems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2125	25.3%	0	0
4	0.0%	.00044863061091	.00044863061091
1	0.0%	.00107931008202	.00107931008202
3	0.0%	.00111858265287	.00111858265287
7	0.1%	.00128693059073	.00128693059073
4060	48.3%	.00138873307192-.04768730815698	NOTE: Range of values omitted from display
10	0.1%	.04914273832084	.04914273832084
10	0.1%	.05286697621203	.05286697621203
3	0.0%	.05445280454661	.05445280454661
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma22y3</b>		Num 8	Unweighted scope in Probability- linear interpolation and extrapolation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4968	59.1%	0	0
5	0.1%	.000044404042	.000044404042
22	0.3%	.000088808084	.000088808084
3	0.0%	.00011841077867	.00011841077867
22	0.3%	.00017761616801	.00017761616801

744	8.9%	.00035523233603-.00488025200199	NOTE: Range of values omitted from display
112	1.3%	.00560658483014	.00560658483014
1	0.0%	.006547866921	.006547866921
346	4.1%	.0083115948908	.0083115948908
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma23y3</b>		Num 8	Unweighted scope in Trigonometry, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
793	9.4%	0	0
1	0.0%	.00088132912808	.00088132912808
7	0.1%	.00145231249108	.00145231249108
15	0.2%	.00161621348088	.00161621348088
20	0.2%	.00176265825617	.00176265825617
5225	62.2%	.00250282674774-.1646009417486	NOTE: Range of values omitted from display
11	0.1%	.16698445159803	.16698445159803
147	1.7%	.16864869775758	.16864869775758
4	0.0%	.22029153973319	.22029153973319
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma24y3</b>		Num 8	Unweighted scope in Statistics- data representation and analysis, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
846	10.1%	0	0
4	0.0%	.00011242483015	.00011242483015
19	0.2%	.00016863724523	.00016863724523
7	0.1%	.00022484966031	.00022484966031
13	0.2%	.00023488920186	.00023488920186
5161	61.4%	.00033727449046-.13768621661722	NOTE: Range of values omitted from display
112	1.3%	.13967589680195	.13967589680195
1	0.0%	.15235249398296	.15235249398296
60	0.7%	.16442943144666	.16442943144666

889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma25y3</b>		Num 8	Unweighted scope in Statistics- uncertainty and probability, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
669	8.0%	0	0
23	0.3%	.00156698419524	.00156698419524
3	0.0%	.0017037424261	.0017037424261
1	0.0%	.00171564272986	.00171564272986
4	0.0%	.00181276898717	.00181276898717
5453	64.9%	.0026146604908-.10065538342709	NOTE: Range of values omitted from display
9	0.1%	.10585027229663	.10585027229663
60	0.7%	.13218522098736	.13218522098736
1	0.0%	.27389941266689	.27389941266689
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma26y3</b>		Num 8	Unweighted scope in Calculus- infinite process, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2183	26.0%	0	0
2	0.0%	.00033720484617	.00033720484617
17	0.2%	.00050580726926	.00050580726926
6	0.1%	.00053252737622	.00053252737622
182	2.2%	.00101161453853	.00101161453853
3824	45.5%	.00106505475245-.19538364556379	NOTE: Range of values omitted from display
1	0.0%	.21240796922766	.21240796922766
1	0.0%	.21416514874553	.21416514874553
7	0.1%	.22213955253283	.22213955253283
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma27y3</b>		Num 8	Unweighted scope in Calculus- change, year 3
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
2494	29.7%	0	0
2	0.0%	.00086453548415	.00086453548415
148	1.8%	.00109702836953	.00109702836953
1	0.0%	.00114852668087	.00114852668087
3	0.0%	.00127743721049	.00127743721049
3562	42.4%	.00129680322623-.41295697722002	NOTE: Range of values omitted from display
4	0.0%	.50316821363051	.50316821363051
7	0.1%	.61560802322973	.61560802322973
2	0.0%	.62666256894525	.62666256894525
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma28y3</b>			
		Num 8	Unweighted scope in Validation and structuring, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1932	23.0%	0	0
7	0.1%	.00026641616988	.00026641616988
4	0.0%	.00062190948903	.00062190948903
1	0.0%	.00075881694325	.00075881694325
3	0.0%	.00082661271014	.00082661271014
4204	50.0%	.00083323984315-.12249885144537	NOTE: Range of values omitted from display
19	0.2%	.12566222195253	.12566222195253
52	0.6%	.13781768469701	.13781768469701
1	0.0%	.19298712103036	.19298712103036
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma29y3</b>			
		Num 8	Unweighted scope in other topics, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1242	14.8%	0	0
3	0.0%	.00052346256711	.00052346256711

5	0.1%	.00069918535018	.00069918535018
1	0.0%	.00084490625349	.00084490625349
2	0.0%	.00088772863149	.00088772863149
4933	58.7%	.00104692513422-.13607313494263	NOTE: Range of values omitted from display
10	0.1%	.14802555487388	.14802555487388
1	0.0%	.15379730483904	.15379730483904
26	0.3%	.30034330122884	.30034330122884
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb1y3</b>		Num 8	IGP scope in Algebra- pre-equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
856	10.2%	0	0
29	0.3%	.00041807749407	.00041807749407
5	0.1%	.00044597107031	.00044597107031
2	0.0%	.00055911784963	.00055911784963
1	0.0%	.00061056372418	.00061056372418
5242	62.4%	.00071604750422-.0993961605225	NOTE: Range of values omitted from display
3	0.0%	.10007281092493	.10007281092493
1	0.0%	.13287991703055	.13287991703055
84	1.0%	.17756580842493	.17756580842493
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb2y3</b>		Num 8	IGP scope in Algebra- basic equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
295	3.5%	0	0
63	0.7%	.00372009148988	.00372009148988
1	0.0%	.00419599572506	.00419599572506
2	0.0%	.00519018572139	.00519018572139
102	1.2%	.00655352243888	.00655352243888
5730	68.2%	.00762206301626-.41848185551899	NOTE: Range of values omitted from display



9	0.1%	.43704103882344	.43704103882344
17	0.2%	.45034793465987	.45034793465987
4	0.0%	.48369407370817	.48369407370817
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb3y3</b>		Num 8	IGP scope in Algebra- advanced equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
287	3.4%	0	0
1	0.0%	.00130085544743	.00130085544743
3	0.0%	.00197962862926	.00197962862926
16	0.2%	.00260171089486	.00260171089486
21	0.2%	.00338629902931	.00338629902931
5566	66.2%	.00362490301793-.47504968609964	NOTE: Range of values omitted from display
1	0.0%	.50856624995518	.50856624995518
1	0.0%	.5471865226297	.5471865226297
327	3.9%	.57559937766627	.57559937766627
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb4y3</b>		Num 8	IGP scope in Algebra- number patterns, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3435	40.9%	0	0
36	0.4%	.00019062237085	.00019062237085
10	0.1%	.00034173810116	.00034173810116
75	0.9%	.00038124474171	.00038124474171
30	0.4%	.00062442780938	.00062442780938
2275	27.1%	.00080233448447-.02488423828213	NOTE: Range of values omitted from display
214	2.5%	.02877649766211	.02877649766211
1	0.0%	.03375407851412	.03375407851412
147	1.7%	.04976847656426	.04976847656426
889	10.6%	9991	Student did not take course in specified subject in given year

1293	15.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmb5y3</b>			
		Num 8	IGP scope in Algebra- basic function, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
601	7.2%	0	0
10	0.1%	.00012405548434	.00012405548434
36	0.4%	.00018608322651	.00018608322651
128	1.5%	.00037216645303	.00037216645303
36	0.4%	.00186679477915	.00186679477915
5338	63.5%	.00189574951615-.22440193195473	NOTE: Range of values omitted from display
11	0.1%	.2428444113932	.2428444113932
3	0.0%	.25341585458362	.25341585458362
60	0.7%	.31727008625171	.31727008625171
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb6y3</b>			
		Num 8	IGP scope in Algebra- advanced function, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1696	20.2%	0	0
3	0.0%	.00056372179422	.00056372179422
52	0.6%	.00086490806184	.00086490806184
1	0.0%	.00105448494062	.00105448494062
19	0.2%	.00112744358844	.00112744358844
4437	52.8%	.00161891445606-.13655730991148	NOTE: Range of values omitted from display
1	0.0%	.14210876888675	.14210876888675
1	0.0%	.14330057175063	.14330057175063
13	0.2%	.18663456254937	.18663456254937
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb7y3</b>			
		Num 8	IGP scope in Algebra- basic number, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1785	21.2%	0	0
21	0.2%	.0003078453663	.0003078453663
1	0.0%	.00044687414786	.00044687414786
10	0.1%	.00058570039114	.00058570039114
10	0.1%	.00079184056542	.00079184056542
4342	51.7%	.00089374829572-.07261094997041	NOTE: Range of values omitted from display
16	0.2%	.0810951755342	.0810951755342
2	0.0%	.08114216355876	.08114216355876
36	0.4%	.09072841663043	.09072841663043
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb8y3</b>		Num 8	IGP scope in Algebra- advanced number, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
634	7.5%	0	0
26	0.3%	.00063337387674	.00063337387674
10	0.1%	.00093219935219	.00093219935219
102	1.2%	.00137499097822	.00137499097822
5	0.1%	.00193301539766	.00193301539766
5434	64.7%	.00366007925891-.18713267013169	NOTE: Range of values omitted from display
4	0.0%	.19796060196198	.19796060196198
1	0.0%	.23096207403767	.23096207403767
7	0.1%	.23615277113143	.23615277113143
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb9y3</b>		Num 8	IGP scope in Geometry- 2-D, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
83	1.0%	0	0
9	0.1%	.00326267108857	.00326267108857
7	0.1%	.00340306180402	.00340306180402

1	0.0%	.00385776412506	.00385776412506
7	0.1%	.0048008797924	.0048008797924
5769	68.6%	.00489614436283-.46382822537407	NOTE: Range of values omitted from display
54	0.6%	.46596942696225	.46596942696225
267	3.2%	.49152058688198	.49152058688198
26	0.3%	.5383664411220001	.5383664411220001
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb10y3</b>		Num 8	IGP scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2248	26.7%	0	0
12	0.1%	.00078933707915	.00078933707915
147	1.7%	.0010104159426	.0010104159426
2	0.0%	.00109235522135	.00109235522135
14	0.2%	.00128793747582	.00128793747582
3694	44.0%	.0013028848089-.08813922715498	NOTE: Range of values omitted from display
5	0.1%	.09133447422032	.09133447422032
84	1.0%	.09269709092926	.09269709092926
17	0.2%	.11037474323425	.11037474323425
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb11y3</b>		Num 8	IGP scope in Geometry- conic sections and their equations, and equations for lines and planes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
83	1.0%	0	0
1	0.0%	.00370373860911	.00370373860911
147	1.7%	.00474246256991	.00474246256991
10	0.1%	.00537023023738	.00537023023738
1	0.0%	.00708145665488	.00708145665488
5890	70.1%	.00740649539304-.20716091124374	NOTE: Range of values omitted from display

3	0.0%	.21540590035033	.21540590035033
84	1.0%	.25625203171144	.25625203171144
4	0.0%	.34706659850722	.34706659850722
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb12y3</b>		Num 8	IGP scope in Geometry- transformation, congruence and similarity, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
888	10.6%	0	0
1	0.0%	.00019215728465	.00019215728465
3	0.0%	.00023000007807	.00023000007807
60	0.7%	.00038431456931	.00038431456931
192	2.3%	.00046000015615	.00046000015615
4959	59.0%	.00062490785318-.15936987743594	NOTE: Range of values omitted from display
102	1.2%	.16154754284322	.16154754284322
15	0.2%	.17055793610387	.17055793610387
3	0.0%	.18262022450827	.18262022450827
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb13y3</b>		Num 8	IGP scope in Numbers and arithmetic- whole numbers, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2471	29.4%	0	0
1	0.0%	.00010687978933	.00010687978933
13	0.2%	.00017917606888	.00017917606888
4	0.0%	.00020619821915	.00020619821915
14	0.2%	.00021375957866	.00021375957866
3677	43.7%	.00023591064393-.03571089811861	NOTE: Range of values omitted from display
10	0.1%	.037178306179	.037178306179
21	0.2%	.04216813901525	.04216813901525
12	0.1%	.07615435775676	.07615435775676

889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb14y3</b>		Num 8	IGP scope in Fractions, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1609	19.1%	0	0
4	0.0%	.000131978686	.000131978686
63	0.7%	.00026226845048	.00026226845048
7	0.1%	.00034078431849	.00034078431849
52	0.6%	.0004029280913	.0004029280913
4446	52.9%	.00053976311808-.3441727606343	NOTE: Range of values omitted from display
12	0.1%	.36475008921629	.36475008921629
4	0.0%	.43799721538276	.43799721538276
26	0.3%	.51544567128985	.51544567128985
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb15y3</b>		Num 8	IGP scope in Number theory, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4093	48.7%	0	0
4	0.0%	.00006428800353	.00006428800353
6	0.1%	.00009643200529	.00009643200529
52	0.6%	.00012857600706	.00012857600706
29	0.3%	.00019286401059	.00019286401059
1997	23.8%	.00026977695628-.02969093093161	NOTE: Range of values omitted from display
16	0.2%	.03266794721138	.03266794721138
5	0.1%	.03861999540262	.03861999540262
21	0.2%	.04046705473841	.04046705473841
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb16y3</b>		Num 8	IGP scope in Discrete math, year 3
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
1783	21.2%	0	0	
10	0.1%	.00038400405197	.00038400405197	
3	0.0%	.00046088335236	.00046088335236	
6	0.1%	.00070241818363	.00070241818363	
2	0.0%	.00081075768649	.00081075768649	
4403	52.4%	.0008938598687-.04457209527903	NOTE: Range of values omitted from display	
1	0.0%	.045446211484	.045446211484	
1	0.0%	.04715557200675	.04715557200675	
14	0.2%	.06593708589992	.06593708589992	
889	10.6%	9991	Student did not take course in specified subject in given year	
1293	15.4%	9992	Student took course, but curriculum information not available for this course	

<b>etmb17y3</b>				Num 8	IGP scope in Estimation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
2018	24.0%	0	0		
36	0.4%	.00003662954258	.00003662954258		
75	0.9%	.00007325908517	.00007325908517		
11	0.1%	.00008042014186	.00008042014186		
25	0.3%	.00032533146152	.00032533146152		
4024	47.9%	.00035038690683-.03171545126886	NOTE: Range of values omitted from display		
2	0.0%	.03204433183097	.03204433183097		
22	0.3%	.03254536386497	.03254536386497		
10	0.1%	.0424984421962	.0424984421962		
889	10.6%	9991	Student did not take course in specified subject in given year		
1293	15.4%	9992	Student took course, but curriculum information not available for this course		

<b>etmb18y3</b>				Num 8	IGP scope in Measurement, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
2209	26.3%	0	0		
2	0.0%	.00005081322226	.00005081322226		

7	0.1%	.00007621983339	.00007621983339
4	0.0%	.00009050891876	.00009050891876
19	0.2%	.00013576337814	.00013576337814
3961	47.1%	.00015243966679-.04807215814297	NOTE: Range of values omitted from display
10	0.1%	.05638735117173	.05638735117173
1	0.0%	.0638839313618	.0638839313618
10	0.1%	.12417708863176	.12417708863176
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb19y3</b>		Num 8	IGP scope in Perimeter, area, and volume, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
811	9.6%	0	0
1	0.0%	.00030856728062	.00030856728062
28	0.3%	.00049086605874	.00049086605874
1	0.0%	.00066194747296	.00066194747296
25	0.3%	.00091886898638	.00091886898638
5300	63.1%	.00093888789666-.0842742274024	NOTE: Range of values omitted from display
10	0.1%	.09381913085192	.09381913085192
26	0.3%	.11215201294114	.11215201294114
21	0.2%	.13020052575477	.13020052575477
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb20y3</b>		Num 8	IGP scope in Probability- proportionality conceptsY3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2060	24.5%	0	0
2	0.0%	.00006796728259	.00006796728259
60	0.7%	.00013593456518	.00013593456518
35	0.4%	.00014086370697	.00014086370697
148	1.8%	.00027186913037	.00027186913037
3892	46.3%	.00027743277256-.04065443848248	NOTE: Range of values omitted from display



4	0.0%	.05219732668584	.05219732668584
10	0.1%	.07840670475459	.07840670475459
12	0.1%	.09676327358284	.09676327358284
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb21y3</b>		Num 8	IGP scope in Probability- proportionality problems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2125	25.3%	0	0
4	0.0%	.00031173840598	.00031173840598
1	0.0%	.00074690955306	.00074690955306
39	0.5%	.00121888763341	.00121888763341
7	0.1%	.00124069961605	.00124069961605
4000	47.6%	.00127537235751-.03851130121812	NOTE: Range of values omitted from display
10	0.1%	.04100843339655	.04100843339655
3	0.0%	.04363654164106	.04363654164106
34	0.4%	.04961280632913	.04961280632913
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb22y3</b>		Num 8	IGP scope in Probability- linear interpolation and extrapolation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4968	59.1%	0	0
5	0.1%	.00005139867895	.00005139867895
22	0.3%	.0001027973579	.0001027973579
3	0.0%	.00013706314387	.00013706314387
22	0.3%	.00020559471581	.00020559471581
847	10.1%	.00035114858857-.00578152648966	NOTE: Range of values omitted from display
9	0.1%	.00595066267978	.00595066267978
1	0.0%	.0061982531594	.0061982531594
346	4.1%	.00929092978433	.00929092978433
889	10.6%	9991	Student did not take course in specified subject in given year

1293	15.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmb23y3</b>			
		Num 8	IGP scope in Trigonometry, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
793	9.4%	0	0
1	0.0%	.00109904781774	.00109904781774
7	0.1%	.00163940183846	.00163940183846
15	0.2%	.0019026952229	.0019026952229
20	0.2%	.00219809563548	.00219809563548
5225	62.2%	.00274645969836-.17020130161513	NOTE: Range of values omitted from display
147	1.7%	.17275674130275	.17275674130275
11	0.1%	.18512131083294	.18512131083294
4	0.0%	.24373886991876	.24373886991876
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb24y3</b>			
		Num 8	IGP scope in Statistics- data representation and analysisY3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
846	10.1%	0	0
4	0.0%	.00015316893945	.00015316893945
13	0.2%	.00019410740796	.00019410740796
19	0.2%	.00022975340917	.00022975340917
1	0.0%	.00029116111194	.00029116111194
5212	62.0%	.0003063378789-.12582463659991	NOTE: Range of values omitted from display
112	1.3%	.13633174025601	.13633174025601
15	0.2%	.13997584353723	.13997584353723
1	0.0%	.16295115062755	.16295115062755
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb25y3</b>			
		Num 8	IGP scope in Statistics- uncertainty and probability, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
669	8.0%	0	0
17	0.2%	.00114244634721	.00114244634721
1	0.0%	.00157214161019	.00157214161019
23	0.3%	.00209716738507	.00209716738507
4	0.0%	.00227702804715	.00227702804715
5439	64.7%	.00267374894127-.12275855054499	NOTE: Range of values omitted from display
9	0.1%	.12862566891767	.12862566891767
60	0.7%	.15136061076821	.15136061076821
1	0.0%	.36621186289129	.36621186289129
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb26y3</b>		Num 8	IGP scope in Calculus- infinite process, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2183	26.0%	0	0
2	0.0%	.00044036351447	.00044036351447
17	0.2%	.0006605452717	.0006605452717
6	0.1%	.00077012114109	.00077012114109
182	2.2%	.00132109054341	.00132109054341
3824	45.5%	.00134239409268-.24346337340187	NOTE: Range of values omitted from display
1	0.0%	.27649784700587	.27649784700587
1	0.0%	.28146090017553	.28146090017553
7	0.1%	.28544936000398	.28544936000398
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb27y3</b>		Num 8	IGP scope in Calculus- change, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2494	29.7%	0	0
2	0.0%	.00072789863	.00072789863
21	0.2%	.001091847945	.001091847945

12	0.1%	.00126129703581	.00126129703581
148	1.8%	.00142054562927	.00142054562927
3533	42.0%	.0017124148695-.47517527376561	NOTE: Range of values omitted from display
4	0.0%	.6066905435733601	.6066905435733601
2	0.0%	.73116957628517	.73116957628517
7	0.1%	.7818067687746501	.7818067687746501
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb28y3</b>		Num 8	IGP scope in Validation and structuring, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1932	23.0%	0	0
7	0.1%	.00030073635074	.00030073635074
4	0.0%	.00071469986208	.00071469986208
3	0.0%	.00085485826465	.00085485826465
2	0.0%	.00088666572963	.00088666572963
4203	50.0%	.0009140989111-.14054972954813	NOTE: Range of values omitted from display
19	0.2%	.14278158841285	.14278158841285
52	0.6%	.16218964830899	.16218964830899
1	0.0%	.23049876198607	.23049876198607
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmb29y3</b>		Num 8	IGP scope in other topics, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1242	14.8%	0	0
3	0.0%	.00057013726853	.00057013726853
2	0.0%	.00078453042598	.00078453042598
1	0.0%	.00095040667211	.00095040667211
25	0.3%	.00112750955325	.00112750955325
4910	58.4%	.00114027453706-.13443311691779	NOTE: Range of values omitted from display
4	0.0%	.14904691201845	.14904691201845

26	0.3%	.21828143758007	.21828143758007
10	0.1%	.24205220405796	.24205220405796
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc1y3</b>		Num 8	PE scope in Algebra- pre-equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
856	10.2%	0	0
29	0.3%	.00025370618499	.00025370618499
5	0.1%	.00030081141069	.00030081141069
2	0.0%	.00038811402491	.00038811402491
22	0.3%	.00050741236999	.00050741236999
5240	62.3%	.00058217103736-.12403949923683	NOTE: Range of values omitted from display
66	0.8%	.12464456438267	.12464456438267
2	0.0%	.13309020579074	.13309020579074
1	0.0%	.15139965787006	.15139965787006
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc2y3</b>		Num 8	PE scope in Algebra- basic equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
295	3.5%	0	0
63	0.7%	.00278262765873	.00278262765873
1	0.0%	.00287647639104	.00287647639104
102	1.2%	.00314702242225	.00314702242225
13	0.2%	.00458778741823	.00458778741823
5690	67.7%	.00471677624245-.40002003757292	NOTE: Range of values omitted from display
18	0.2%	.41639653922958	.41639653922958
37	0.4%	.41730501829474	.41730501829474
4	0.0%	.43412463781661	.43412463781661
889	10.6%	9991	Student did not take course in specified subject in given year

1293	15.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmc3y3</b>			
		Num 8	PE scope in Algebra- advanced equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
287	3.4%	0	0
3	0.0%	.0006261713353	.0006261713353
21	0.2%	.0010240777319	.0010240777319
2	0.0%	.00163850482356	.00163850482356
1	0.0%	.00164295299621	.00164295299621
5720	68.1%	.00239182097394-.38252909348281	NOTE: Range of values omitted from display
93	1.1%	.3833208140877	.3833208140877
1	0.0%	.46369976860475	.46369976860475
95	1.1%	.48261472345026	.48261472345026
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc4y3</b>			
		Num 8	PE scope in Algebra- number patterns, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3435	40.9%	0	0
36	0.4%	.00007298065845	.00007298065845
75	0.9%	.00014596131691	.00014596131691
29	0.3%	.00037943955047	.00037943955047
9	0.1%	.00047006388841	.00047006388841
2461	29.3%	.00065548446655-.02565846571901	NOTE: Range of values omitted from display
9	0.1%	.02567508027084	.02567508027084
147	1.7%	.02586123100964	.02586123100964
22	0.3%	.02873920182975	.02873920182975
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc5y3</b>			
		Num 8	PE scope in Algebra- basic function, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
601	7.2%	0	0
10	0.1%	.00006793042251	.00006793042251
36	0.4%	.00010189563376	.00010189563376
128	1.5%	.00020379126753	.00020379126753
1	0.0%	.00143150467557	.00143150467557
5352	63.7%	.00173714721707-.19051875197408	NOTE: Range of values omitted from display
1	0.0%	.21224227681733	.21224227681733
93	1.1%	.21273122175652	.21273122175652
1	0.0%	.22441630298208	.22441630298208
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc6y3</b>			
		Num 8	PE scope in Algebra- advanced function, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1696	20.2%	0	0
52	0.6%	.00035576768357	.00035576768357
1	0.0%	.00046499468155	.00046499468155
3	0.0%	.00059107560071	.00059107560071
2	0.0%	.00071153536715	.00071153536715
4454	53.0%	.00085295256186-.16399327524095	NOTE: Range of values omitted from display
1	0.0%	.17339978205743	.17339978205743
1	0.0%	.17583688369145	.17583688369145
13	0.2%	.2301344636687	.2301344636687
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc7y3</b>			
		Num 8	PE scope in Algebra- basic number, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1785	21.2%	0	0
1	0.0%	.00028381745483	.00028381745483
10	0.1%	.00042477764524	.00042477764524

25	0.3%	.00045377575137	.00045377575137
5	0.1%	.00049159033714	.00049159033714
4330	51.5%	.00056763490966-.05908167286581	NOTE: Range of values omitted from display
36	0.4%	.08317415461774	.08317415461774
15	0.2%	.08911900120338	.08911900120338
16	0.2%	.09710136701659	.09710136701659
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc8y3</b>		Num 8	PE scope in Algebra- advanced number, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
634	7.5%	0	0
26	0.3%	.00017731235435	.00017731235435
10	0.1%	.00066376266626	.00066376266626
102	1.2%	.00176485942454	.00176485942454
5	0.1%	.00254098068032	.00254098068032
5437	64.7%	.00301500493232-.12627531498009	NOTE: Range of values omitted from display
7	0.1%	.15263665736744	.15263665736744
1	0.0%	.18213508331513	.18213508331513
1	0.0%	.33731768896286	.33731768896286
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc9y3</b>		Num 8	PE scope in Geometry- 2-D, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
83	1.0%	0	0
1	0.0%	.00247638840842	.00247638840842
15	0.2%	.00453325652588	.00453325652588
7	0.1%	.00453684215098	.00453684215098
7	0.1%	.00566372595582	.00566372595582
5763	68.6%	.00608440081925-.6109347202098599	NOTE: Range of values omitted from display
54	0.6%	.61477466679334	.61477466679334



267	3.2%	.61606682741854	.61606682741854
26	0.3%	.89314624611551	.89314624611551
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc10y3</b>		Num 8	PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2248	26.7%	0	0
147	1.7%	.00049330981813	.00049330981813
112	1.3%	.00049951220023	.00049951220023
3	0.0%	.00057953471724	.00057953471724
16	0.2%	.00065955723425	.00065955723425
3656	43.5%	.00090739450951-.09752074988797	NOTE: Range of values omitted from display
21	0.2%	.11484534833256	.11484534833256
3	0.0%	.12120824368247	.12120824368247
17	0.2%	.12748073174692	.12748073174692
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc11y3</b>		Num 8	PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
83	1.0%	0	0
1	0.0%	.00159734846971	.00159734846971
10	0.1%	.00280870596004	.00280870596004
147	1.7%	.00281939864414	.00281939864414
20	0.2%	.00319469693942	.00319469693942
5952	70.8%	.00359198987067-.18934857481682	NOTE: Range of values omitted from display
2	0.0%	.20417818400372	.20417818400372
4	0.0%	.2303134491228	.2303134491228
4	0.0%	.31666198904674	.31666198904674
889	10.6%	9991	Student did not take course in specified subject in given year

1293	15.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmc12y3</b>		Num 8	PE scope in Geometry- transformation, congruence and similarity, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
888	10.6%	0	0
1	0.0%	.0001958996261	.0001958996261
3	0.0%	.00037080259861	.00037080259861
60	0.7%	.00039179925221	.00039179925221
192	2.3%	.00074160519723	.00074160519723
4948	58.9%	.00078359850443-.19920788025101	NOTE: Range of values omitted from display
102	1.2%	.20003387460635	.20003387460635
26	0.3%	.20119418375255	.20119418375255
3	0.0%	.22900576388285	.22900576388285
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc13y3</b>		Num 8	PE scope in Numbers and arithmetic- whole numbers, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2471	29.4%	0	0
1	0.0%	.00023454633874	.00023454633874
3	0.0%	.00040950088483	.00040950088483
206	2.5%	.00046909267748	.00046909267748
1	0.0%	.00056311431268	.00056311431268
3515	41.8%	.00061253966073-.07188734001052	NOTE: Range of values omitted from display
10	0.1%	.07271427652104	.07271427652104
4	0.0%	.08371845690968	.08371845690968
12	0.1%	.20913990766746	.20913990766746
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc14y3</b>		Num 8	PE scope in Fractions, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
1609	19.1%	0	0
7	0.1%	.00027620448942	.00027620448942
4	0.0%	.00028184376548	.00028184376548
2	0.0%	.00036232922563	.00036232922563
7	0.1%	.00039836650268	.00039836650268
4568	54.3%	.00040126227226-.57791704795692	NOTE: Range of values omitted from display
10	0.1%	.59107604587496	.59107604587496
12	0.1%	.62952114791753	.62952114791753
4	0.0%	.80338371256541	.80338371256541
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc15y3</b>		Num 8	PE scope in Number theory, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4093	48.7%	0	0
4	0.0%	.0001634830717	.0001634830717
1	0.0%	.00016818440004	.00016818440004
6	0.1%	.00024522460755	.00024522460755
1	0.0%	.00027453253768	.00027453253768
2044	24.3%	.0003269661434-.0293203215866	NOTE: Range of values omitted from display
37	0.4%	.0293633467461	.0293633467461
21	0.2%	.03181240150647	.03181240150647
16	0.2%	.03385478901292	.03385478901292
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc16y3</b>		Num 8	PE scope in Discrete math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1783	21.2%	0	0
10	0.1%	.00013680432311	.00013680432311
3	0.0%	.00019381044207	.00019381044207

2	0.0%	.00028052941226	.00028052941226
6	0.1%	.00028759408256	.00028759408256
4403	52.4%	.00038078146114-.04651639516368	NOTE: Range of values omitted from display
1	0.0%	.04945326925368	.04945326925368
1	0.0%	.05258977211841	.05258977211841
14	0.2%	.07417453737915	.07417453737915
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc17y3</b>		Num 8	PE scope in Estimation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2018	24.0%	0	0
36	0.4%	.00009493027214	.00009493027214
75	0.9%	.00018986054428	.00018986054428
11	0.1%	.00022130315843	.00022130315843
1	0.0%	.00028018322743	.00028018322743
4041	48.1%	.00035861680425-.05530757948344	NOTE: Range of values omitted from display
22	0.3%	.05564077259213	.05564077259213
10	0.1%	.06920682424373	.06920682424373
9	0.1%	.07883203539529	.07883203539529
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc18y3</b>		Num 8	PE scope in Measurement, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2209	26.3%	0	0
2	0.0%	.00006543995021	.00006543995021
7	0.1%	.00009815992532	.00009815992532
4	0.0%	.00016996602109	.00016996602109
182	2.2%	.00019631985064	.00019631985064
3796	45.2%	.00025494903164-.06362351625542	NOTE: Range of values omitted from display
12	0.1%	.07480096108823	.07480096108823

1	0.0%	.13262202438558	.13262202438558
10	0.1%	.26233406034681	.26233406034681
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc19y3</b>		Num 8	PE scope in Perimeter, area, and volume, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
811	9.6%	0	0
1	0.0%	.00013726626884	.00013726626884
1	0.0%	.00077200720833	.00077200720833
4	0.0%	.00100767672149	.00100767672149
2	0.0%	.00108847315845	.00108847315845
5290	62.9%	.00109332827885-.15796002955285	NOTE: Range of values omitted from display
54	0.6%	.15910401934044	.15910401934044
34	0.4%	.20705012767613	.20705012767613
26	0.3%	.24927955164256	.24927955164256
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc20y3</b>		Num 8	PE scope in Probability- proportionality concepts Y3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2060	24.5%	0	0
35	0.4%	.0000608444673	.0000608444673
75	0.9%	.00012168893461	.00012168893461
11	0.1%	.00014184171691	.00014184171691
1	0.0%	.00016280417932	.00016280417932
4015	47.8%	.00021910078793-.07725983618161	NOTE: Range of values omitted from display
4	0.0%	.07726932976661	.07726932976661
10	0.1%	.13232343630817	.13232343630817
12	0.1%	.16872493477735	.16872493477735
889	10.6%	9991	Student did not take course in specified subject in given year

1293	15.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmc21y3</b>			
		Num 8	PE scope in Probability- proportionality problems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2125	25.3%	0	0
4	0.0%	.00025112097936	.00025112097936
3	0.0%	.0009044422087	.0009044422087
4	0.0%	.0012540486627	.0012540486627
15	0.2%	.00144656171876	.00144656171876
4009	47.7%	.00175640821279-.06410573495825	NOTE: Range of values omitted from display
26	0.3%	.06827767434392	.06827767434392
3	0.0%	.07880086842019	.07880086842019
34	0.4%	.08038388874719	.08038388874719
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc22y3</b>			
		Num 8	PE scope in Probability- linear interpolation and extrapolation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4968	59.1%	0	0
5	0.1%	.00004412928816	.00004412928816
22	0.3%	.00008825857633	.00008825857633
3	0.0%	.00011767810177	.00011767810177
22	0.3%	.00017651715266	.00017651715266
1051	12.5%	.00030783283427-.00446492650537	NOTE: Range of values omitted from display
3	0.0%	.00546738258859	.00546738258859
37	0.4%	.00646431887321	.00646431887321
112	1.3%	.00702852089742	.00702852089742
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc23y3</b>			
		Num 8	PE scope in Trigonometry, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
793	9.4%	0	0
1	0.0%	.00041888139433	.00041888139433
20	0.2%	.00083776278867	.00083776278867
15	0.2%	.00098071980933	.00098071980933
1	0.0%	.00116886528131	.00116886528131
5374	63.9%	.00157720924253-.16889666929736	NOTE: Range of values omitted from display
11	0.1%	.16990556913518	.16990556913518
4	0.0%	.19505525596255	.19505525596255
4	0.0%	.26171241690865	.26171241690865
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc24y3</b>		Num 8	PE scope in Statistics- data representation and analysisY3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
846	10.1%	0	0
4	0.0%	.00016996602109	.00016996602109
13	0.2%	.00025370618499	.00025370618499
19	0.2%	.00025494903164	.00025494903164
7	0.1%	.00033993204219	.00033993204219
5217	62.1%	.00035328656594-.1155946070757	NOTE: Range of values omitted from display
112	1.3%	.14280238033244	.14280238033244
4	0.0%	.17135869700514	.17135869700514
1	0.0%	.18135394750625	.18135394750625
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc25y3</b>		Num 8	PE scope in Statistics- uncertainty and probability, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
669	8.0%	0	0
3	0.0%	.00071976747174	.00071976747174
4	0.0%	.00101469741996	.00101469741996

17	0.2%	.00120166526857	.00120166526857
1	0.0%	.00163249736837	.00163249736837
5465	65.0%	.00267214206106-.12775394864496	NOTE: Range of values omitted from display
3	0.0%	.13190760825259	.13190760825259
60	0.7%	.13834720514731	.13834720514731
1	0.0%	.34094044772045	.34094044772045
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc26y3</b>		Num 8	PE scope in Calculus- infinite process, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2183	26.0%	0	0
2	0.0%	.00016755918106	.00016755918106
17	0.2%	.00025133877159	.00025133877159
6	0.1%	.00028759408256	.00028759408256
182	2.2%	.00050267754319	.00050267754319
3824	45.5%	.00057518816513-.21764845432701	NOTE: Range of values omitted from display
1	0.0%	.25264035725226	.25264035725226
1	0.0%	.26457563376969	.26457563376969
7	0.1%	.27855575934367	.27855575934367
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc27y3</b>		Num 8	PE scope in Calculus- change, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2494	29.7%	0	0
3	0.0%	.0006074943674	.0006074943674
1	0.0%	.0010487153509	.0010487153509
19	0.2%	.00121498873481	.00121498873481
2	0.0%	.00133521320699	.00133521320699
3693	43.9%	.00147790986012-.4744823944724	NOTE: Range of values omitted from display
2	0.0%	.5169512753404299	.5169512753404299



2	0.0%	.76116149291721	.76116149291721
7	0.1%	.79201965447325	.79201965447325
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc28y3</b>		Num 8	PE scope in Validation and structuring, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1932	23.0%	0	0
1	0.0%	.0002931570789	.0002931570789
4	0.0%	.00034811382941	.00034811382941
21	0.2%	.00036615684184	.00036615684184
3	0.0%	.00063113236436	.00063113236436
4178	49.7%	.00075094417225-.1337711772797	NOTE: Range of values omitted from display
66	0.8%	.13542584809621	.13542584809621
17	0.2%	.14098295925789	.14098295925789
1	0.0%	.178703776977	.178703776977
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmc29y3</b>		Num 8	PE scope in other topics, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1242	14.8%	0	0
3	0.0%	.0002812001693	.0002812001693
25	0.3%	.00041776180285	.00041776180285
1	0.0%	.00056198741811	.00056198741811
346	4.1%	.0005624003386	.0005624003386
4569	54.4%	.00070796574447-.12969902727888	NOTE: Range of values omitted from display
10	0.1%	.22126068424236	.22126068424236
1	0.0%	.24429291088415	.24429291088415
26	0.3%	.48214463083551	.48214463083551
889	10.6%	9991	Student did not take course in specified subject in given year

1293	15.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmd1y3</b>			
		Num 8	IGP*PE scope in Algebra- pre-equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
856	10.2%	0	0
5	0.1%	.00023645680462	.00023645680462
29	0.3%	.00025172096721	.00025172096721
2	0.0%	.0003304815447	.0003304815447
63	0.7%	.00047291360925	.00047291360925
5263	62.6%	.00049572231705-.10339675172324	NOTE: Range of values omitted from display
2	0.0%	.1139312632466	.1139312632466
2	0.0%	.11498403645225	.11498403645225
1	0.0%	.13786391277836	.13786391277836
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd2y3</b>			
		Num 8	IGP*PE scope in Algebra- basic equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
295	3.5%	0	0
1	0.0%	.00267008529722	.00267008529722
63	0.7%	.00284911251707	.00284911251707
102	1.2%	.00417204745095	.00417204745095
10	0.1%	.00459261992504	.00459261992504
5690	67.7%	.00555388723894-.38869486940759	NOTE: Range of values omitted from display
21	0.2%	.3978631756879	.3978631756879
37	0.4%	.43138474579356	.43138474579356
4	0.0%	.43664333191643	.43664333191643
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd3y3</b>			
		Num 8	IGP*PE scope in Algebra- advanced equation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
287	3.4%	0	0
3	0.0%	.00085565890468	.00085565890468
21	0.2%	.00151848751918	.00151848751918
2	0.0%	.00203785910335	.00203785910335
1	0.0%	.00217811121583	.00217811121583
5486	65.3%	.00254679274337-.41529655643261	NOTE: Range of values omitted from display
327	3.9%	.4228634331997	.4228634331997
95	1.1%	.50465817263349	.50465817263349
1	0.0%	.51174230805799	.51174230805799
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd4y3</b>		Num 8	IGP*PE scope in Algebra- number patterns, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3435	40.9%	0	0
36	0.4%	.00008998394981	.00008998394981
75	0.9%	.00017996789963	.00017996789963
29	0.3%	.00045711330173	.00045711330173
9	0.1%	.00072189153406	.00072189153406
2607	31.0%	.00072206866828-.03454209403954	NOTE: Range of values omitted from display
9	0.1%	.03473671854701	.03473671854701
1	0.0%	.03596722966101	.03596722966101
22	0.3%	.04148917157929	.04148917157929
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd5y3</b>		Num 8	IGP*PE scope in Algebra- basic function, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
601	7.2%	0	0
10	0.1%	.00006553013701	.00006553013701
36	0.4%	.00009829520552	.00009829520552

128	1.5%	.00019659041105	.00019659041105
1	0.0%	.00094295650565	.00094295650565
5352	63.7%	.00153207107913-.20753111378072	NOTE: Range of values omitted from display
1	0.0%	.21586662223707	.21586662223707
93	1.1%	.21770220255561	.21770220255561
1	0.0%	.22666306341783	.22666306341783
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd6y3</b>		Num 8	IGP*PE scope in Algebra- advanced function, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1696	20.2%	0	0
1	0.0%	.00048908210543	.00048908210543
3	0.0%	.0005136358319	.0005136358319
52	0.6%	.00051864435794	.00051864435794
14	0.2%	.00090521874222	.00090521874222
4442	52.8%	.00097816421086-.16288698138512	NOTE: Range of values omitted from display
1	0.0%	.17103367722634	.17103367722634
1	0.0%	.20872962144717	.20872962144717
13	0.2%	.27296599133511	.27296599133511
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd7y3</b>		Num 8	IGP*PE scope in Algebra- basic number, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1785	21.2%	0	0
21	0.2%	.00013804431992	.00013804431992
1	0.0%	.00022327166913	.00022327166913
10	0.1%	.0003293581886	.0003293581886
25	0.3%	.00041897788419	.00041897788419
4314	51.3%	.00044654333826-.05936447259885	NOTE: Range of values omitted from display
36	0.4%	.08367658136452	.08367658136452

15	0.2%	.09201812715214	.09201812715214
16	0.2%	.10256331387527	.10256331387527
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd8y3</b>		Num 8	IGP*PE scope in Algebra- advanced number, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
634	7.5%	0	0
26	0.3%	.00021120922014	.00021120922014
10	0.1%	.00078949742862	.00078949742862
102	1.2%	.00173604177273	.00173604177273
54	0.6%	.00290165912244	.00290165912244
5388	64.1%	.00305160864294-.14573909212139	NOTE: Range of values omitted from display
7	0.1%	.15931875988273	.15931875988273
1	0.0%	.2657416442473	.2657416442473
1	0.0%	.31880941069538	.31880941069538
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd9y3</b>		Num 8	IGP*PE scope in Geometry- 2-D, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
83	1.0%	0	0
1	0.0%	.00200802208562	.00200802208562
15	0.2%	.00312336968742	.00312336968742
7	0.1%	.00344401056328	.00344401056328
7	0.1%	.00460220692638	.00460220692638
6025	71.7%	.00594838556913-.50642136458858	NOTE: Range of values omitted from display
5	0.1%	.53156788434485	.53156788434485
54	0.6%	.5451438607352	.5451438607352
26	0.3%	.73756120878473	.73756120878473
889	10.6%	9991	Student did not take course in specified subject in given year

1293	15.4%	9992	Student took course, but curriculum information not available for this course
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<b>etmd10y3</b>		Num 8	IGP*PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2248	26.7%	0	0
147	1.7%	.00048859904961	.00048859904961
16	0.2%	.00056646512758	.00056646512758
3	0.0%	.0006141883166	.0006141883166
112	1.3%	.00066191150561	.00066191150561
3675	43.7%	.00071473659352-.08417735804777	NOTE: Range of values omitted from display
2	0.0%	.0860378272508	.0860378272508
17	0.2%	.10547011160789	.10547011160789
3	0.0%	.11594117300825	.11594117300825
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd11y3</b>		Num 8	IGP*PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
83	1.0%	0	0
1	0.0%	.00180797346899	.00180797346899
147	1.7%	.00243488613986	.00243488613986
20	0.2%	.00361594693798	.00361594693798
10	0.1%	.00405170975047	.00405170975047
5952	70.8%	.00407774063974-.19327471223532	NOTE: Range of values omitted from display
2	0.0%	.19938111346979	.19938111346979
4	0.0%	.24590224498151	.24590224498151
4	0.0%	.34470151179739	.34470151179739
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd12y3</b>		Num 8	IGP*PE scope in Geometry- transformation, congruence and similarity,
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			year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
888	10.6%	0	0
1	0.0%	.00010740766786	.00010740766786
60	0.7%	.00021481533573	.00021481533573
3	0.0%	.00026498034267	.00026498034267
148	1.8%	.00042963067146	.00042963067146
5003	59.5%	.00052996068535-.1484625546015	NOTE: Range of values omitted from display
3	0.0%	.15917751507724	.15917751507724
102	1.2%	.17130190502201	.17130190502201
15	0.2%	.17220259495207	.17220259495207
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd13y3</b>			Num 8 IGP*PE scope in Numbers and arithmetic- whole numbers, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2471	29.4%	0	0
1	0.0%	.00007540400934	.00007540400934
4	0.0%	.00010083197369	.00010083197369
13	0.2%	.00010788041451	.00010788041451
3	0.0%	.00014818343688	.00014818343688
3649	43.4%	.00015080801868-.03447385319667	NOTE: Range of values omitted from display
4	0.0%	.04239656875276	.04239656875276
66	0.8%	.04927441175108	.04927441175108
12	0.1%	.10641109917621	.10641109917621
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd14y3</b>			Num 8 IGP*PE scope in Fractions, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1609	19.1%	0	0

4	0.0%	.0001696479386	.0001696479386
52	0.6%	.00024161687285	.00024161687285
7	0.1%	.00025124584124	.00025124584124
2	0.0%	.00026424899201	.00026424899201
4507	53.6%	.00033734287862-.48138756489599	NOTE: Range of values omitted from display
12	0.1%	.50966824567147	.50966824567147
26	0.3%	.58916090469436	.58916090469436
4	0.0%	.6555860865740401	.6555860865740401
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd15y3</b>		Num 8	IGP*PE scope in Number theory, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4093	48.7%	0	0
4	0.0%	.00012408726185	.00012408726185
1	0.0%	.00014990929234	.00014990929234
6	0.1%	.00018613089277	.00018613089277
1	0.0%	.00018778148296	.00018778148296
2060	24.5%	.0002481745237-.02759820527042	NOTE: Range of values omitted from display
16	0.2%	.02829682947064	.02829682947064
5	0.1%	.0305143600618	.0305143600618
37	0.4%	.03196874054178	.03196874054178
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd16y3</b>		Num 8	IGP*PE scope in Discrete math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1783	21.2%	0	0
10	0.1%	.00020284341538	.00020284341538
3	0.0%	.00028208779825	.00028208779825
2	0.0%	.00039338088378	.00039338088378
6	0.1%	.00042292012145	.00042292012145



4391	52.2%	.00052008941477-.05572911487425	NOTE: Range of values omitted from display
13	0.2%	.06041584691561	.06041584691561
1	0.0%	.06085679300258	.06085679300258
14	0.2%	.08572147180119	.08572147180119
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd17y3</b>		Num 8	IGP*PE scope in Estimation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2018	24.0%	0	0
36	0.4%	.00003458220467	.00003458220467
75	0.9%	.00006916440934	.00006916440934
11	0.1%	.00008278121732	.00008278121732
7	0.1%	.00016580963267	.00016580963267
4040	48.1%	.00021500175833-.03799488734375	NOTE: Range of values omitted from display
5	0.1%	.0402978911482	.0402978911482
21	0.2%	.05104474885923	.05104474885923
10	0.1%	.05776495545095	.05776495545095
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd18y3</b>		Num 8	IGP*PE scope in Measurement, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2209	26.3%	0	0
2	0.0%	.00002652182271	.00002652182271
7	0.1%	.00003978273407	.00003978273407
4	0.0%	.00006987931362	.00006987931362
182	2.2%	.00007956546815	.00007956546815
3796	45.2%	.00010481897043-.04496117705077	NOTE: Range of values omitted from display
12	0.1%	.04859922782947	.04859922782947
1	0.0%	.08608457556397	.08608457556397
10	0.1%	.17009845574975	.17009845574975

889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd19y3</b>		Num 8	IGP*PE scope in Perimeter, area, and volume, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
811	9.6%	0	0
1	0.0%	.00012127554107	.00012127554107
1	0.0%	.00043726193996	.00043726193996
1	0.0%	.00069113389702	.00069113389702
63	0.7%	.0008041161072	.0008041161072
5265	62.6%	.00083805242951-.10134485456214	NOTE: Range of values omitted from display
21	0.2%	.13469270852517	.13469270852517
34	0.4%	.14287850299471	.14287850299471
26	0.3%	.14959593415582	.14959593415582
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd20y3</b>		Num 8	IGP*PE scope in Probability- proportionality conceptsY3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2060	24.5%	0	0
35	0.4%	.00006649520034	.00006649520034
1	0.0%	.00010903881169	.00010903881169
75	0.9%	.00013299040068	.00013299040068
2	0.0%	.00015196316554	.00015196316554
4024	47.9%	.00015917301058-.05483294582024	NOTE: Range of values omitted from display
4	0.0%	.06629564316774	.06629564316774
10	0.1%	.10966589164049	.10966589164049
12	0.1%	.13520810371386	.13520810371386
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd21y3</b>		Num 8	IGP*PE scope in Probability- proportionality problems, year 3
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
2125	25.3%	0	0
4	0.0%	.00018275384983	.00018275384983
4	0.0%	.0008612979438	.0008612979438
15	0.2%	.00105633293088	.00105633293088
3	0.0%	.00112199125162	.00112199125162
4009	47.7%	.00126419048181-.05016904545102	NOTE: Range of values omitted from display
26	0.3%	.05403674382053	.05403674382053
3	0.0%	.06460851299831	.06460851299831
34	0.4%	.08942537527592	.08942537527592
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

etmd22y3			
		Num 8	IGP*PE scope in Probability- linear interpolation and extrapolation, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4968	59.1%	0	0
5	0.1%	.00005365480048	.00005365480048
22	0.3%	.00010730960096	.00010730960096
3	0.0%	.00014307946795	.00014307946795
22	0.3%	.00021461920192	.00021461920192
1051	12.5%	.00027092009263-.00549165230344	NOTE: Range of values omitted from display
3	0.0%	.00577444748535	.00577444748535
37	0.4%	.00665746765014	.00665746765014
112	1.3%	.00687599305326	.00687599305326
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

etmd23y3			
		Num 8	IGP*PE scope in Trigonometry, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
793	9.4%	0	0

1	0.0%	.00053649825361	.00053649825361
20	0.2%	.00107299650722	.00107299650722
15	0.2%	.00116375661876	.00116375661876
1	0.0%	.00139799654645	.00139799654645
5372	63.9%	.0014695517727-.18496540773383	NOTE: Range of values omitted from display
13	0.2%	.19259822043599	.19259822043599
4	0.0%	.19400858847725	.19400858847725
4	0.0%	.27741125622723	.27741125622723
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd24y3</b>		Num 8	IGP*PE scope in Statistics- data representation and analysis, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
846	10.1%	0	0
13	0.2%	.00023374089812	.00023374089812
4	0.0%	.00023651459996	.00023651459996
1	0.0%	.00035061134718	.00035061134718
19	0.2%	.00035477189994	.00035477189994
5223	62.1%	.00046748179625-.11926788935871	NOTE: Range of values omitted from display
4	0.0%	.13555136207004	.13555136207004
112	1.3%	.1388994569749	.1388994569749
1	0.0%	.17886015688107	.17886015688107
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd25y3</b>		Num 8	IGP*PE scope in Statistics- uncertainty and probability, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
669	8.0%	0	0
17	0.2%	.00053895531037	.00053895531037
3	0.0%	.00115567993747	.00115567993747
4	0.0%	.00133488730873	.00133488730873
1	0.0%	.00179115323962	.00179115323962

5384	64.1%	.00190354409476-.1580032114469	NOTE: Range of values omitted from display
60	0.7%	.16151816596978	.16151816596978
84	1.0%	.16277922287781	.16277922287781
1	0.0%	.41057265650237	.41057265650237
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd26y3</b>		Num 8	IGP*PE scope in Calculus- infinite process, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2183	26.0%	0	0
2	0.0%	.00022984653486	.00022984653486
17	0.2%	.00034476980229	.00034476980229
6	0.1%	.00046368350665	.00046368350665
182	2.2%	.00068953960458	.00068953960458
3824	45.5%	.00092736701331-.26074380287327	NOTE: Range of values omitted from display
1	0.0%	.30998201200443	.30998201200443
1	0.0%	.32236178731225	.32236178731225
7	0.1%	.33139976912887	.33139976912887
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd27y3</b>		Num 8	IGP*PE scope in Calculus- change, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2494	29.7%	0	0
3	0.0%	.0008705776917	.0008705776917
2	0.0%	.0009465366565	.0009465366565
1	0.0%	.0011932840878	.0011932840878
21	0.2%	.00141980498475	.00141980498475
3692	43.9%	.0017411553834-.55746315664401	NOTE: Range of values omitted from display
1	0.0%	.57645322553772	.57645322553772
2	0.0%	.8432034185863601	.8432034185863601
7	0.1%	.9263943992504901	.9263943992504901

889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd28y3</b>		Num 8	IGP*PE scope in Validation and structuring, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1932	23.0%	0	0
1	0.0%	.00035926634807	.00035926634807
4	0.0%	.00041898639616	.00041898639616
21	0.2%	.00050908486448	.00050908486448
3	0.0%	.00062541064338	.00062541064338
4192	49.9%	.00080531181804-.15245638649665	NOTE: Range of values omitted from display
52	0.6%	.15566043440041	.15566043440041
17	0.2%	.17590608016186	.17590608016186
1	0.0%	.20881593628189	.20881593628189
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etmd29y3</b>		Num 8	IGP*PE scope in other topics, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1242	14.8%	0	0
3	0.0%	.00033699486668	.00033699486668
25	0.3%	.00040841541652	.00040841541652
1	0.0%	.00060785628254	.00060785628254
346	4.1%	.00067398973336	.00067398973336
4560	54.3%	.00069387500754-.16620734716568	NOTE: Range of values omitted from display
10	0.1%	.18328550811141	.18328550811141
10	0.1%	.18802891511567	.18802891511567
26	0.3%	.32699496592239	.32699496592239
889	10.6%	9991	Student did not take course in specified subject in given year
1293	15.4%	9992	Student took course, but curriculum information not available for this course

<b>etma1y4</b>		Num 8	Unweighted scope in Algebra- pre-equation, year 4
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
541	6.4%	0	0
10	0.1%	.00046977840372	.00046977840372
6	0.1%	.00052378174486	.00052378174486
1	0.0%	.0007224859228	.0007224859228
8	0.1%	.00079425369099	.00079425369099
3153	37.5%	.00093955680745-.10197775012617	NOTE: Range of values omitted from display
2	0.0%	.11132627664847	.11132627664847
24	0.3%	.19565771153133	.19565771153133
1	0.0%	.41837419552487	.41837419552487
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

etma2y4			
Num 8			
Unweighted scope in Algebra- basic equation, year 4			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
179	2.1%	0	0
6	0.1%	.00330835575501	.00330835575501
97	1.2%	.00340700875587	.00340700875587
41	0.5%	.00499577046078	.00499577046078
37	0.4%	.00551960344582	.00551960344582
3377	40.2%	.0057547974079-.37198265082521	NOTE: Range of values omitted from display
2	0.0%	.43412666794269	.43412666794269
6	0.1%	.44153584624122	.44153584624122
1	0.0%	.4506118377794	.4506118377794
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

etma3y4			
Num 8			
Unweighted scope in Algebra- advanced equation, year 4			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
259	3.1%	0	0
1	0.0%	.00148219350256	.00148219350256

6	0.1%	.00184463138678	.00184463138678
3	0.0%	.00244738271139	.00244738271139
1	0.0%	.0025157326092	.0025157326092
3328	39.6%	.00274773013903-.43917222861837	NOTE: Range of values omitted from display
4	0.0%	.4392271391833	.4392271391833
1	0.0%	.50146849209058	.50146849209058
143	1.7%	.5423353442017	.5423353442017
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma4y4</b>		Num 8	Unweighted scope in Algebra- number patterns, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2640	31.4%	0	0
2	0.0%	.00015847892098	.00015847892098
79	0.9%	.00031695784196	.00031695784196
7	0.1%	.00034681947892	.00034681947892
1	0.0%	.00046478562486	.00046478562486
939	11.2%	.00048578489881-.02105656912839	NOTE: Range of values omitted from display
52	0.6%	.02388819151165	.02388819151165
1	0.0%	.02401996122637	.02401996122637
25	0.3%	.04211313825679	.04211313825679
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma5y4</b>		Num 8	Unweighted scope in Algebra- basic function, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
263	3.1%	0	0
7	0.1%	.00014376904375	.00014376904375
23	0.3%	.00021565356562	.00021565356562
40	0.5%	.00043130713125	.00043130713125
13	0.2%	.00168106034255	.00168106034255
3321	39.5%	.00223944798527-.21874722191046	NOTE: Range of values omitted from display



6	0.1%	.2286282142562	.2286282142562
10	0.1%	.238000187598	.238000187598
63	0.7%	.29575908466064	.29575908466064
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma6y4</b>		Num 8	Unweighted scope in Algebra- advanced function, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
658	7.8%	0	0
18	0.2%	.00060450565187	.00060450565187
1	0.0%	.00099308508413	.00099308508413
1	0.0%	.00120901130374	.00120901130374
8	0.1%	.00124291188047	.00124291188047
2949	35.1%	.00198617016827-.11517681206556	NOTE: Range of values omitted from display
2	0.0%	.13055589427437	.13055589427437
105	1.2%	.13236413813713	.13236413813713
4	0.0%	.13241830079119	.13241830079119
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma7y4</b>		Num 8	Unweighted scope in Algebra- basic number, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1605	19.1%	0	0
7	0.1%	.0007711441016	.0007711441016
17	0.2%	.00087852701011	.00087852701011
1	0.0%	.00096656666972	.00096656666972
5	0.1%	.00106963383714	.00106963383714
2091	24.9%	.00113365492584-.07695403767528	NOTE: Range of values omitted from display
2	0.0%	.07731916869128	.07731916869128
7	0.1%	.08010054847886	.08010054847886
11	0.1%	.09571479106769	.09571479106769
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etma8y4</b>			
		Num 8	Unweighted scope in Algebra- advanced number, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
360	4.3%	0	0
1	0.0%	.00025736394979	.00025736394979
6	0.1%	.00051472789958	.00051472789958
7	0.1%	.0008138305257	.0008138305257
17	0.2%	.00087852701011	.00087852701011
3340	39.7%	.00129700962966-.17024596933609	NOTE: Range of values omitted from display
4	0.0%	.19603085401287	.19603085401287
1	0.0%	.23091548667812	.23091548667812
10	0.1%	.25445821111553	.25445821111553
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma9y4</b>			
		Num 8	Unweighted scope in Geometry- 2-D, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	1.0%	0	0
1	0.0%	.00151942235735	.00151942235735
3	0.0%	.00303884471471	.00303884471471
86	1.0%	.00386079177221	.00386079177221
105	1.2%	.00479326473047	.00479326473047
3382	40.2%	.00531316109377-.53950293072485	NOTE: Range of values omitted from display
10	0.1%	.5698177045632	.5698177045632
73	0.9%	.61021772061955	.61021772061955
6	0.1%	.6299960948271101	.6299960948271101
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma10y4</b>			
		Num 8	Unweighted scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1480	17.6%	0	0
1	0.0%	.00052215750938	.00052215750938
2	0.0%	.00056297698305	.00056297698305
1	0.0%	.00071172569936	.00071172569936
5	0.1%	.00097137907382	.00097137907382
2207	26.3%	.00104431501876-.09813328004475	NOTE: Range of values omitted from display
40	0.5%	.10542626955815	.10542626955815
3	0.0%	.10771108511223	.10771108511223
7	0.1%	.1329947403824	.1329947403824
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma11y4</b>			
		Num 8	Unweighted scope in Geometry- conic sections and their equations, and equations for lines and planes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	1.0%	0	0
7	0.1%	.00326286496751	.00326286496751
2	0.0%	.00336083137872	.00336083137872
25	0.3%	.00556109814138	.00556109814138
2	0.0%	.00668213611588	.00668213611588
3601	42.8%	.00672166275745-.19419577708488	NOTE: Range of values omitted from display
2	0.0%	.21092303843065	.21092303843065
24	0.3%	.2679339225867	.2679339225867
3	0.0%	.31430500019065	.31430500019065
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma12y4</b>			
		Num 8	Unweighted scope in Geometry- transformation, congruence and similarity, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
438	5.2%	0	0
4	0.0%	.00041723856339	.00041723856339

31	0.4%	.00075088292315	.00075088292315
52	0.6%	.00083447712679	.00083447712679
105	1.2%	.0008499999581	.0008499999581
3038	36.1%	.00128693059073-.21119310353048	NOTE: Range of values omitted from display
37	0.4%	.2224275241798	.2224275241798
40	0.5%	.23438021835411	.23438021835411
1	0.0%	.25592540187576	.25592540187576
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma13y4</b>		Num 8	Unweighted scope in Numbers and arithmetic- whole numbers, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2075	24.7%	0	0
5	0.1%	.00054929173817	.00054929173817
2	0.0%	.00088037552904	.00088037552904
5	0.1%	.00090214266148	.00090214266148
3	0.0%	.00104816310945	.00104816310945
1563	18.6%	.00106276187639-.0875013540189	NOTE: Range of values omitted from display
84	1.0%	.10242281251113	.10242281251113
5	0.1%	.13006508018922	.13006508018922
4	0.0%	.13944820293205	.13944820293205
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma14y4</b>		Num 8	Unweighted scope in Fractions, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1171	13.9%	0	0
1	0.0%	.00020437932525	.00020437932525
8	0.1%	.00023518748796	.00023518748796
4	0.0%	.00035606975695	.00035606975695
33	0.4%	.0004087586505	.0004087586505
2502	29.8%	.00051831820722-.41365810367926	NOTE: Range of values omitted from display

4	0.0%	.41974577575315	.41974577575315
22	0.3%	.5090546995158201	.5090546995158201
1	0.0%	.50997584746118	.50997584746118
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma15y4</b>		Num 8	Unweighted scope in Number theory, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2811	33.4%	0	0
6	0.1%	.00012976398306	.00012976398306
15	0.2%	.00017301864408	.00017301864408
12	0.1%	.00025952796613	.00025952796613
2	0.0%	.00042110777543	.00042110777543
848	10.1%	.00051905593226-.03577466931941	NOTE: Range of values omitted from display
47	0.6%	.03634164314466	.03634164314466
3	0.0%	.03716499601518	.03716499601518
2	0.0%	.05331372924316	.05331372924316
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma16y4</b>		Num 8	Unweighted scope in Discrete math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1326	15.8%	0	0
7	0.1%	.00028953487977	.00028953487977
1	0.0%	.00033989214393	.00033989214393
1	0.0%	.00053252737622	.00053252737622
1	0.0%	.00065378745309	.00065378745309
2333	27.8%	.00086152893964-.03725487212075	NOTE: Range of values omitted from display
68	0.8%	.03914273655967	.03914273655967
3	0.0%	.05363559541115	.05363559541115
6	0.1%	.05734483308694	.05734483308694
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etma17y4</b>		Num 8	Unweighted scope in Estimation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1626	19.3%	0	0
1	0.0%	.00010307146726	.00010307146726
79	0.9%	.00020614293452	.00020614293452
14	0.2%	.00021104085926	.00021104085926
11	0.1%	.00030566229135	.00030566229135
1991	23.7%	.00044521540883-.0409440461283	NOTE: Range of values omitted from display
12	0.1%	.04716279389195	.04716279389195
9	0.1%	.04978904955738	.04978904955738
3	0.0%	.05801985289701	.05801985289701
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma18y4</b>		Num 8	Unweighted scope in Measurement, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1417	16.9%	0	0
9	0.1%	.00019754215978	.00019754215978
10	0.1%	.00021249998952	.00021249998952
1	0.0%	.00028333331936	.00028333331936
7	0.1%	.00032048338805	.00032048338805
2292	27.3%	.00033727449046-.05007540764287	NOTE: Range of values omitted from display
2	0.0%	.06910957163549	.06910957163549
5	0.1%	.08200170544432	.08200170544432
3	0.0%	.18132371671176	.18132371671176
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma19y4</b>		Num 8	Unweighted scope in Perimeter, area, and volume, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
463	5.5%	0	0
1	0.0%	.00035530429939	.00035530429939
2	0.0%	.00079684914754	.00079684914754
12	0.1%	.00124478930238	.00124478930238
3	0.0%	.00133865521224	.00133865521224
3249	38.7%	.00153726916767-.12422074677541	NOTE: Range of values omitted from display
7	0.1%	.12991931833612	.12991931833612
3	0.0%	.16642077730779	.16642077730779
6	0.1%	.18091116731707	.18091116731707
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma20y4</b>		Num 8	Unweighted scope in Probability- proportionality concepts, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1996	23.7%	0	0
1	0.0%	.00013212494557	.00013212494557
32	0.4%	.00020995323393	.00020995323393
79	0.9%	.00026424989115	.00026424989115
14	0.2%	.00027052842833	.00027052842833
1614	19.2%	.00034207817951-.0566785544055	NOTE: Range of values omitted from display
3	0.0%	.05993186191614	.05993186191614
3	0.0%	.08852566893846	.08852566893846
4	0.0%	.1125007140289	.1125007140289
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma21y4</b>		Num 8	Unweighted scope in Probability- proportionality problems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1745	20.8%	0	0
41	0.5%	.00044863061091	.00044863061091
17	0.2%	.00064346529536	.00064346529536

5	0.1%	.00107931008202	.00107931008202
1	0.0%	.00121046395379	.00121046395379
1924	22.9%	.00128693059073-.04768730815698	NOTE: Range of values omitted from display
7	0.1%	.04914273832084	.04914273832084
5	0.1%	.05286697621203	.05286697621203
1	0.0%	.05445280454661	.05445280454661
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma22y4</b>		Num 8	Unweighted scope in Probability- linear interpolation and extrapolation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3060	36.4%	0	0
5	0.1%	.000088808084	.000088808084
14	0.2%	.00017761616801	.00017761616801
1	0.0%	.00026740512886	.00026740512886
84	1.0%	.00035523233603	.00035523233603
324	3.9%	.00040110769329-.00488025200199	NOTE: Range of values omitted from display
46	0.5%	.00560658483014	.00560658483014
26	0.3%	.006547866921	.006547866921
186	2.2%	.0083115948908	.0083115948908
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma23y4</b>		Num 8	Unweighted scope in Trigonometry, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
648	7.7%	0	0
1	0.0%	.0003912424269	.0003912424269
1	0.0%	.00058686364035	.00058686364035
1	0.0%	.00072615624554	.00072615624554
2	0.0%	.00088132912808	.00088132912808
3050	36.3%	.0011737272807-.1646009417486	NOTE: Range of values omitted from display



14	0.2%	.16698445159803	.16698445159803
25	0.3%	.16864869775758	.16864869775758
4	0.0%	.22029153973319	.22029153973319
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma24y4</b>		Num 8	Unweighted scope in Statistics- data representation and analysis, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
641	7.6%	0	0
4	0.0%	.00016863724523	.00016863724523
1	0.0%	.00022484966031	.00022484966031
3	0.0%	.00023488920186	.00023488920186
73	0.9%	.00033727449046	.00033727449046
3002	35.7%	.00040352644709-.18078745720771	NOTE: Range of values omitted from display
6	0.1%	.30005272601111	.30005272601111
1	0.0%	.30184412116415	.30184412116415
15	0.2%	.5768973609093599	.5768973609093599
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma25y4</b>		Num 8	Unweighted scope in Statistics- uncertainty and probability, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
564	6.7%	0	0
1	0.0%	.00085187121305	.00085187121305
36	0.4%	.00156698419524	.00156698419524
1	0.0%	.0017037424261	.0017037424261
41	0.5%	.00181276898717	.00181276898717
3080	36.6%	.0026146604908-.18993836110831	NOTE: Range of values omitted from display
2	0.0%	.27389941266689	.27389941266689
15	0.2%	.31643133690562	.31643133690562
6	0.1%	.53616817044675	.53616817044675
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etma26y4</b>			
		Num 8	Unweighted scope in Calculus- infinite process, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
834	9.9%	0	0
7	0.1%	.00050580726926	.00050580726926
1	0.0%	.00053252737622	.00053252737622
84	1.0%	.00101161453853	.00101161453853
10	0.1%	.00106505475245	.00106505475245
2667	31.7%	.00145245595297-.21240796922766	NOTE: Range of values omitted from display
2	0.0%	.21416514874553	.21416514874553
86	1.0%	.22213955253283	.22213955253283
55	0.7%	.272162154532	.272162154532
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma27y4</b>			
		Num 8	Unweighted scope in Calculus- change, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1217	14.5%	0	0
3	0.0%	.00054851418476	.00054851418476
1	0.0%	.00086453548415	.00086453548415
19	0.2%	.00109702836953	.00109702836953
7	0.1%	.00129680322623	.00129680322623
2317	27.6%	.00137705307598-.5534470879935099	NOTE: Range of values omitted from display
86	1.0%	.61560802322973	.61560802322973
41	0.5%	.62666256894525	.62666256894525
55	0.7%	1.00096134919608	1.00096134919608
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma28y4</b>			
		Num 8	Unweighted scope in Validation and structuring, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1243	14.8%	0	0
1	0.0%	.00003531984282	.00003531984282
1	0.0%	.00005297976424	.00005297976424
9	0.1%	.00010595952848	.00010595952848
1	0.0%	.00013320808494	.00013320808494
2454	29.2%	.00026641616988-.10529423730802	NOTE: Range of values omitted from display
3	0.0%	.12249885144537	.12249885144537
16	0.2%	.12566222195253	.12566222195253
18	0.2%	.13781768469701	.13781768469701
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma29y4</b>		Num 8	Unweighted scope in other topics, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
805	9.6%	0	0
1	0.0%	.00052346256711	.00052346256711
1	0.0%	.00069918535018	.00069918535018
1	0.0%	.00084490625349	.00084490625349
87	1.0%	.00088772863149	.00088772863149
2827	33.6%	.00104692513422-.15379730483904	NOTE: Range of values omitted from display
1	0.0%	.18354561475052	.18354561475052
1	0.0%	.24616914513984	.24616914513984
22	0.3%	.30034330122884	.30034330122884
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb1y4</b>		Num 8	IGP scope in Algebra- pre-equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
541	6.4%	0	0
10	0.1%	.00041807749407	.00041807749407
1	0.0%	.00055911784963	.00055911784963

6	0.1%	.00061056372418	.00061056372418
8	0.1%	.00071604750422	.00071604750422
3153	37.5%	.00083615498815-.09832547257728	NOTE: Range of values omitted from display
2	0.0%	.10007281092493	.10007281092493
24	0.3%	.17756580842493	.17756580842493
1	0.0%	.34985661880073	.34985661880073
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb2y4</b>		Num 8	IGP scope in Algebra- basic equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
179	2.1%	0	0
6	0.1%	.00297134794796	.00297134794796
97	1.2%	.00372009148988	.00372009148988
10	0.1%	.00396596122287	.00396596122287
41	0.5%	.00519018572139	.00519018572139
3404	40.5%	.00528794829717-.38451837751996	NOTE: Range of values omitted from display
2	0.0%	.43704103882344	.43704103882344
6	0.1%	.45034793465987	.45034793465987
1	0.0%	.48369407370817	.48369407370817
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb3y4</b>		Num 8	IGP scope in Algebra- advanced equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
259	3.1%	0	0
1	0.0%	.00197962862926	.00197962862926
6	0.1%	.00260171089486	.00260171089486
1	0.0%	.00295310570033	.00295310570033
3	0.0%	.00338629902931	.00338629902931
3328	39.6%	.00362490301793-.47444679114988	NOTE: Range of values omitted from display
4	0.0%	.47504968609964	.47504968609964

1	0.0%	.5471865226297	.5471865226297
143	1.7%	.57559937766627	.57559937766627
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb4y4</b>		Num 8	IGP scope in Algebra- number patterns, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2640	31.4%	0	0
2	0.0%	.00019062237085	.00019062237085
7	0.1%	.00034173810116	.00034173810116
79	0.9%	.00038124474171	.00038124474171
1	0.0%	.00062113524936	.00062113524936
939	11.2%	.00062442780938-.02488423828213	NOTE: Range of values omitted from display
1	0.0%	.02792863180285	.02792863180285
52	0.6%	.02877649766211	.02877649766211
25	0.3%	.04976847656426	.04976847656426
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb5y4</b>		Num 8	IGP scope in Algebra- basic function, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
263	3.1%	0	0
7	0.1%	.00012405548434	.00012405548434
23	0.3%	.00018608322651	.00018608322651
40	0.5%	.00037216645303	.00037216645303
13	0.2%	.00186679477915	.00186679477915
3321	39.5%	.00209463925153-.2428444113932	NOTE: Range of values omitted from display
6	0.1%	.25341585458362	.25341585458362
10	0.1%	.25784409281903	.25784409281903
63	0.7%	.31727008625171	.31727008625171
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmb6y4</b>			
		Num 8	IGP scope in Algebra- advanced function, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
658	7.8%	0	0
18	0.2%	.00086490806184	.00086490806184
1	0.0%	.00105448494062	.00105448494062
8	0.1%	.00112744358844	.00112744358844
1	0.0%	.00172981612369	.00172981612369
2950	35.1%	.00210896988125-.13655730991148	NOTE: Range of values omitted from display
105	1.2%	.14210876888675	.14210876888675
1	0.0%	.14330057175063	.14330057175063
4	0.0%	.18663456254937	.18663456254937
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb7y4</b>			
		Num 8	IGP scope in Algebra- basic number, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1605	19.1%	0	0
3	0.0%	.0003078453663	.0003078453663
7	0.1%	.00058570039114	.00058570039114
7	0.1%	.00079184056542	.00079184056542
17	0.2%	.0008355340809	.0008355340809
2088	24.8%	.00089374829572-.07261094997041	NOTE: Range of values omitted from display
2	0.0%	.07811355470485	.07811355470485
6	0.1%	.0810951755342	.0810951755342
11	0.1%	.09072841663043	.09072841663043
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb8y4</b>			
		Num 8	IGP scope in Algebra- advanced number, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
360	4.3%	0	0
1	0.0%	.00031668693837	.00031668693837
6	0.1%	.00063337387674	.00063337387674
17	0.2%	.00086010861269	.00086010861269
7	0.1%	.00093219935219	.00093219935219
3340	39.7%	.00137499097822-.18713267013169	NOTE: Range of values omitted from display
4	0.0%	.19796060196198	.19796060196198
1	0.0%	.23096207403767	.23096207403767
10	0.1%	.23615277113143	.23615277113143
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb9y4</b>		Num 8	IGP scope in Geometry- 2-D, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	1.0%	0	0
1	0.0%	.00163133554428	.00163133554428
3	0.0%	.00326267108857	.00326267108857
86	1.0%	.00340306180402	.00340306180402
105	1.2%	.00385776412506	.00385776412506
3366	40.0%	.00417324635138-.46382822537407	NOTE: Range of values omitted from display
26	0.3%	.46596942696225	.46596942696225
73	0.9%	.49152058688198	.49152058688198
6	0.1%	.5383664411220001	.5383664411220001
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb10y4</b>		Num 8	IGP scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1480	17.6%	0	0
1	0.0%	.0005052079713	.0005052079713

1	0.0%	.00065144240445	.00065144240445
2	0.0%	.00078933707915	.00078933707915
25	0.3%	.0010104159426	.0010104159426
2151	25.6%	.00109235522135-.09133447422032	NOTE: Range of values omitted from display
24	0.3%	.09269709092926	.09269709092926
55	0.7%	.10057630347667	.10057630347667
7	0.1%	.11037474323425	.11037474323425
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb11y4</b>		Num 8	IGP scope in Geometry- conic sections and their equations, and equations for lines and planes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	1.0%	0	0
2	0.0%	.00370373860911	.00370373860911
25	0.3%	.00474246256991	.00474246256991
7	0.1%	.00537023023738	.00537023023738
1	0.0%	.00708145665488	.00708145665488
3602	42.9%	.00740747721823-.20716091124374	NOTE: Range of values omitted from display
2	0.0%	.21540590035033	.21540590035033
24	0.3%	.25625203171144	.25625203171144
3	0.0%	.34706659850722	.34706659850722
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb12y4</b>		Num 8	IGP scope in Geometry- transformation, congruence and similarity, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
438	5.2%	0	0
4	0.0%	.00023000007807	.00023000007807
31	0.4%	.00038431456931	.00038431456931
52	0.6%	.00046000015615	.00046000015615
105	1.2%	.00062490785318	.00062490785318



3070	36.5%	.00072612235618-.15249046335052	NOTE: Range of values omitted from display
8	0.1%	.15936987743594	.15936987743594
37	0.4%	.16154754284322	.16154754284322
1	0.0%	.18262022450827	.18262022450827
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb13y4</b>		Num 8	IGP scope in Numbers and arithmetic- whole numbers, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2075	24.7%	0	0
3	0.0%	.00017917606888	.00017917606888
1	0.0%	.00020619821915	.00020619821915
17	0.2%	.00021375957866	.00021375957866
8	0.1%	.00023591064393	.00023591064393
1631	19.4%	.00029031212643-.03571089811861	NOTE: Range of values omitted from display
5	0.1%	.037178306179	.037178306179
2	0.0%	.04216813901525	.04216813901525
4	0.0%	.07615435775676	.07615435775676
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb14y4</b>		Num 8	IGP scope in Fractions, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1171	13.9%	0	0
1	0.0%	.00013113422524	.00013113422524
8	0.1%	.000131978686	.000131978686
33	0.4%	.00026226845048	.00026226845048
1	0.0%	.0003224723208	.0003224723208
2505	29.8%	.00034078431849-.3441727606343	NOTE: Range of values omitted from display
4	0.0%	.36475008921629	.36475008921629
1	0.0%	.43799721538276	.43799721538276
22	0.3%	.51544567128985	.51544567128985

3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb15y4</b>		Num 8	IGP scope in Number theory, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2811	33.4%	0	0
6	0.1%	.00009643200529	.00009643200529
15	0.2%	.00012857600706	.00012857600706
12	0.1%	.00019286401059	.00019286401059
2	0.0%	.00026977695628	.00026977695628
890	10.6%	.00038572802119-.02969093093161	NOTE: Range of values omitted from display
6	0.1%	.03266794721138	.03266794721138
2	0.0%	.03861999540262	.03861999540262
2	0.0%	.04046705473841	.04046705473841
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb16y4</b>		Num 8	IGP scope in Discrete math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1326	15.8%	0	0
7	0.1%	.00038400405197	.00038400405197
1	0.0%	.00046088335236	.00046088335236
1	0.0%	.0004950689111	.0004950689111
1	0.0%	.00070241818363	.00070241818363
2400	28.6%	.0009901378222-.0447536976085	NOTE: Range of values omitted from display
1	0.0%	.04704427863977	.04704427863977
3	0.0%	.06593708589992	.06593708589992
6	0.1%	.06924358967982	.06924358967982
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb17y4</b>		Num 8	IGP scope in Estimation, year 4
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1626	19.3%	0	0
1	0.0%	.00003662954258	.00003662954258
79	0.9%	.00007325908517	.00007325908517
14	0.2%	.00008042014186	.00008042014186
11	0.1%	.00032533146152	.00032533146152
1992	23.7%	.00035038690683-.03154329979697	NOTE: Range of values omitted from display
2	0.0%	.03171545126886	.03171545126886
12	0.1%	.03254536386497	.03254536386497
9	0.1%	.0424984421962	.0424984421962
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb18y4</b>			
		Num 8	IGP scope in Measurement, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1417	16.9%	0	0
9	0.1%	.00007621983339	.00007621983339
10	0.1%	.000084122211	.000084122211
1	0.0%	.000112162948	.000112162948
5	0.1%	.00013576337814	.00013576337814
2294	27.3%	.00015243966679-.03478061040136	NOTE: Range of values omitted from display
2	0.0%	.04807215814297	.04807215814297
5	0.1%	.05638735117173	.05638735117173
3	0.0%	.12417708863176	.12417708863176
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb19y4</b>			
		Num 8	IGP scope in Perimeter, area, and volume, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
463	5.5%	0	0
1	0.0%	.00030856728062	.00030856728062

12	0.1%	.00049086605874	.00049086605874
3	0.0%	.00091886898638	.00091886898638
2	0.0%	.00093888789666	.00093888789666
3249	38.7%	.00099292120944-.0842742274024	NOTE: Range of values omitted from display
7	0.1%	.09381913085192	.09381913085192
6	0.1%	.11215201294114	.11215201294114
3	0.0%	.13020052575477	.13020052575477
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb20y4</b>		Num 8	IGP scope in Probability- proportionality conceptsY4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1996	23.7%	0	0
32	0.4%	.00013593456518	.00013593456518
1	0.0%	.00014086370697	.00014086370697
19	0.2%	.00027186913037	.00027186913037
1	0.0%	.00027519741988	.00027519741988
1689	20.1%	.00027679827215-.04065443848248	NOTE: Range of values omitted from display
1	0.0%	.05219732668584	.05219732668584
3	0.0%	.07840670475459	.07840670475459
4	0.0%	.09676327358284	.09676327358284
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb21y4</b>		Num 8	IGP scope in Probability- proportionality problems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1745	20.8%	0	0
41	0.5%	.00031173840598	.00031173840598
17	0.2%	.00062034980802	.00062034980802
5	0.1%	.00074690955306	.00074690955306
21	0.2%	.00121888763341	.00121888763341
1909	22.7%	.00124069961605-.03851130121812	NOTE: Range of values omitted from display

5	0.1%	.04100843339655	.04100843339655
1	0.0%	.04363654164106	.04363654164106
2	0.0%	.04961280632913	.04961280632913
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb22y4</b>		Num 8	IGP scope in Probability- linear interpolation and extrapolation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3060	36.4%	0	0
5	0.1%	.0001027973579	.0001027973579
14	0.2%	.00020559471581	.00020559471581
1	0.0%	.00023409905905	.00023409905905
9	0.1%	.00035114858857	.00035114858857
442	5.3%	.00041118943163-.00578152648966	NOTE: Range of values omitted from display
3	0.0%	.00595066267978	.00595066267978
26	0.3%	.0061982531594	.0061982531594
186	2.2%	.00929092978433	.00929092978433
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb23y4</b>		Num 8	IGP scope in Trigonometry, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
648	7.7%	0	0
1	0.0%	.00049248081306	.00049248081306
1	0.0%	.00073872121959	.00073872121959
1	0.0%	.00081970091923	.00081970091923
2	0.0%	.00109904781774	.00109904781774
3050	36.3%	.00147744243919-.17020130161513	NOTE: Range of values omitted from display
25	0.3%	.17275674130275	.17275674130275
14	0.2%	.18512131083294	.18512131083294
4	0.0%	.24373886991876	.24373886991876
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmb24y4</b>			
		Num 8	IGP scope in Statistics- data representation and analysisY4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
641	7.6%	0	0
3	0.0%	.00019410740796	.00019410740796
4	0.0%	.00022975340917	.00022975340917
1	0.0%	.0003063378789	.0003063378789
8	0.1%	.00038821481592	.00038821481592
3067	36.5%	.00042386081714-.16295115062755	NOTE: Range of values omitted from display
6	0.1%	.32087655628754	.32087655628754
1	0.0%	.34587756436315	.34587756436315
15	0.2%	.67302697663051	.67302697663051
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb25y4</b>			
		Num 8	IGP scope in Statistics- uncertainty and probability, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
564	6.7%	0	0
7	0.1%	.00114244634721	.00114244634721
1	0.0%	.00133687447063	.00133687447063
36	0.4%	.00209716738507	.00209716738507
41	0.5%	.00227702804715	.00227702804715
3074	36.6%	.00267374894127-.24516945119078	NOTE: Range of values omitted from display
2	0.0%	.36621186289129	.36621186289129
15	0.2%	.41311025872317	.41311025872317
6	0.1%	.71775124886387	.71775124886387
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb26y4</b>			
		Num 8	IGP scope in Calculus- infinite process, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
834	9.9%	0	0
7	0.1%	.0006605452717	.0006605452717
1	0.0%	.00077012114109	.00077012114109
84	1.0%	.00132109054341	.00132109054341
10	0.1%	.00154024228219	.00154024228219
2564	30.5%	.0019413219594-.27649784700587	NOTE: Range of values omitted from display
105	1.2%	.28146090017553	.28146090017553
86	1.0%	.28544936000398	.28544936000398
55	0.7%	.31856517804064	.31856517804064
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb27y4</b>		Num 8	IGP scope in Calculus- change, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1217	14.5%	0	0
3	0.0%	.00071027281463	.00071027281463
1	0.0%	.00072789863	.00072789863
7	0.1%	.001091847945	.001091847945
1	0.0%	.00126129703581	.00126129703581
2335	27.8%	.00142054562927-.7102856936344401	NOTE: Range of values omitted from display
41	0.5%	.73116957628517	.73116957628517
86	1.0%	.7818067687746501	.7818067687746501
55	0.7%	1.15560696818487	1.15560696818487
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb28y4</b>		Num 8	IGP scope in Validation and structuring, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1243	14.8%	0	0
1	0.0%	.00003547174122	.00003547174122
1	0.0%	.00005320761183	.00005320761183

9	0.1%	.00010641522367	.00010641522367
1	0.0%	.00015036817537	.00015036817537
2454	29.2%	.00030073635074-.12752302277272	NOTE: Range of values omitted from display
3	0.0%	.14054972954813	.14054972954813
16	0.2%	.14278158841285	.14278158841285
18	0.2%	.16218964830899	.16218964830899
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb29y4</b>		Num 8	IGP scope in other topics, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
805	9.6%	0	0
1	0.0%	.00057013726853	.00057013726853
87	1.0%	.00078453042598	.00078453042598
1	0.0%	.00095040667211	.00095040667211
3	0.0%	.00112750955325	.00112750955325
2838	33.8%	.00114027453706-.21828143758007	NOTE: Range of values omitted from display
1	0.0%	.22335464213343	.22335464213343
9	0.1%	.24205220405796	.24205220405796
1	0.0%	.28963263993313	.28963263993313
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc1y4</b>		Num 8	PE scope in Algebra- pre-equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
541	6.4%	0	0
10	0.1%	.00025370618499	.00025370618499
1	0.0%	.00038811402491	.00038811402491
8	0.1%	.00050741236999	.00050741236999
5	0.1%	.00058217103736	.00058217103736
3094	36.8%	.00060162282139-.10931024500387	NOTE: Range of values omitted from display
85	1.0%	.12464456438267	.12464456438267



1	0.0%	.15139965787006	.15139965787006
1	0.0%	.40417187220948	.40417187220948
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc2y4</b>		Num 8	PE scope in Algebra- basic equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
179	2.1%	0	0
6	0.1%	.00134537028932	.00134537028932
97	1.2%	.00278262765873	.00278262765873
37	0.4%	.00314702242225	.00314702242225
3	0.0%	.00458778741823	.00458778741823
3406	40.5%	.00471677624245-.40002003757292	NOTE: Range of values omitted from display
3	0.0%	.41639653922958	.41639653922958
14	0.2%	.41730501829474	.41730501829474
1	0.0%	.43412463781661	.43412463781661
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc3y4</b>		Num 8	PE scope in Algebra- advanced equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
259	3.1%	0	0
1	0.0%	.0006261713353	.0006261713353
3	0.0%	.0010240777319	.0010240777319
3	0.0%	.00163850482356	.00163850482356
15	0.2%	.00239182097394	.00239182097394
3336	39.7%	.00320048799613-.38252909348281	NOTE: Range of values omitted from display
87	1.0%	.3833208140877	.3833208140877
1	0.0%	.46369976860475	.46369976860475
41	0.5%	.48261472345026	.48261472345026
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmc4y4</b>			
		Num 8	PE scope in Algebra- number patterns, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2640	31.4%	0	0
2	0.0%	.00007298065845	.00007298065845
79	0.9%	.00014596131691	.00014596131691
9	0.1%	.00037943955047	.00037943955047
8	0.1%	.00047006388841	.00047006388841
968	11.5%	.00065548446655-.02489305516033	NOTE: Range of values omitted from display
3	0.0%	.02567508027084	.02567508027084
25	0.3%	.02586123100964	.02586123100964
12	0.1%	.02873920182975	.02873920182975
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc5y4</b>			
		Num 8	PE scope in Algebra- basic function, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
263	3.1%	0	0
7	0.1%	.00006793042251	.00006793042251
23	0.3%	.00010189563376	.00010189563376
40	0.5%	.00020379126753	.00020379126753
1	0.0%	.00173714721707	.00173714721707
3219	38.3%	.0023709872053-.21224227681733	NOTE: Range of values omitted from display
87	1.0%	.21273122175652	.21273122175652
1	0.0%	.21311711931275	.21311711931275
105	1.2%	.22441630298208	.22441630298208
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc6y4</b>			
		Num 8	PE scope in Algebra- advanced function, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
658	7.8%	0	0
18	0.2%	.00035576768357	.00035576768357
1	0.0%	.00046499468155	.00046499468155
1	0.0%	.00071153536715	.00071153536715
2	0.0%	.00092998936311	.00092998936311
2956	35.2%	.00118215120143-.16399327524095	NOTE: Range of values omitted from display
105	1.2%	.17339978205743	.17339978205743
1	0.0%	.17583688369145	.17583688369145
4	0.0%	.2301344636687	.2301344636687
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc7y4</b>			
		Num 8	PE scope in Algebra- basic number, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1605	19.1%	0	0
7	0.1%	.00042477764524	.00042477764524
3	0.0%	.00045377575137	.00045377575137
5	0.1%	.00049159033714	.00049159033714
1	0.0%	.00054879727311	.00054879727311
2101	25.0%	.00056763490966-.08317415461774	NOTE: Range of values omitted from display
2	0.0%	.08614657791056	.08614657791056
16	0.2%	.08911900120338	.08911900120338
6	0.1%	.09710136701659	.09710136701659
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc8y4</b>			
		Num 8	PE scope in Algebra- advanced number, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
360	4.3%	0	0
1	0.0%	.00008865617717	.00008865617717
6	0.1%	.00017731235435	.00017731235435

7	0.1%	.00066376266626	.00066376266626
17	0.2%	.00070617296483	.00070617296483
3338	39.7%	.00076878302247-.12627531498009	NOTE: Range of values omitted from display
10	0.1%	.15263665736744	.15263665736744
6	0.1%	.18213508331513	.18213508331513
1	0.0%	.33731768896286	.33731768896286
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc9y4</b>		Num 8	PE scope in Geometry- 2-D, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	1.0%	0	0
105	1.2%	.00247638840842	.00247638840842
1	0.0%	.00295963974295	.00295963974295
1	0.0%	.00304220040962	.00304220040962
9	0.1%	.00344289107748	.00344289107748
3445	41.0%	.00453325652588-.56149330830449	NOTE: Range of values omitted from display
26	0.3%	.61477466679334	.61477466679334
73	0.9%	.61606682741854	.61606682741854
6	0.1%	.89314624611551	.89314624611551
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc10y4</b>		Num 8	PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1480	17.6%	0	0
1	0.0%	.00024665490906	.00024665490906
1	0.0%	.00032977861712	.00032977861712
25	0.3%	.00049330981813	.00049330981813
46	0.5%	.00049951220023	.00049951220023
2182	26.0%	.00058437362739-.10982432061916	NOTE: Range of values omitted from display

3	0.0%	.11484534833256	.11484534833256
1	0.0%	.12120824368247	.12120824368247
7	0.1%	.12748073174692	.12748073174692
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc11y4</b>		Num 8	PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	1.0%	0	0
2	0.0%	.00159734846971	.00159734846971
7	0.1%	.00280870596004	.00280870596004
25	0.3%	.00281939864414	.00281939864414
17	0.2%	.00319469693942	.00319469693942
3556	42.3%	.00359198987067-.20417818400372	NOTE: Range of values omitted from display
55	0.7%	.21820857639677	.21820857639677
1	0.0%	.2303134491228	.2303134491228
3	0.0%	.31666198904674	.31666198904674
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc12y4</b>		Num 8	PE scope in Geometry- transformation, congruence and similarity, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
438	5.2%	0	0
4	0.0%	.00037080259861	.00037080259861
31	0.4%	.00039179925221	.00039179925221
9	0.1%	.00070998520872	.00070998520872
52	0.6%	.00074160519723	.00074160519723
3166	37.7%	.00078359850443-.19920788025101	NOTE: Range of values omitted from display
37	0.4%	.20003387460635	.20003387460635
8	0.1%	.20119418375255	.20119418375255
1	0.0%	.22900576388285	.22900576388285

3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc13y4</b>		Num 8	PE scope in Numbers and arithmetic- whole numbers, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2075	24.7%	0	0
5	0.1%	.00023454633874	.00023454633874
2	0.0%	.00040950088483	.00040950088483
69	0.8%	.00046909267748	.00046909267748
5	0.1%	.00061253966073	.00061253966073
1584	18.8%	.00073475495805-.08314752659867	NOTE: Range of values omitted from display
1	0.0%	.08350735738954	.08350735738954
1	0.0%	.08371845690968	.08371845690968
4	0.0%	.20913990766746	.20913990766746
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc14y4</b>		Num 8	PE scope in Fractions, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1171	13.9%	0	0
1	0.0%	.00027439863655	.00027439863655
4	0.0%	.00027620448942	.00027620448942
8	0.1%	.00028184376548	.00028184376548
11	0.1%	.00039836650268	.00039836650268
2541	30.2%	.00040126227226-.57791704795692	NOTE: Range of values omitted from display
5	0.1%	.59107604587496	.59107604587496
4	0.0%	.62952114791753	.62952114791753
1	0.0%	.80338371256541	.80338371256541
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc15y4</b>		Num 8	PE scope in Number theory, year 4
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2811	33.4%	0	0
2	0.0%	.00016818440004	.00016818440004
6	0.1%	.00024522460755	.00024522460755
1	0.0%	.00027453253768	.00027453253768
15	0.2%	.0003269661434	.0003269661434
889	10.6%	.00033636880008-.0293203215866	NOTE: Range of values omitted from display
14	0.2%	.0293633467461	.0293633467461
2	0.0%	.03181240150647	.03181240150647
6	0.1%	.03385478901292	.03385478901292
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc16y4</b>		Num 8	PE scope in Discrete math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1326	15.8%	0	0
7	0.1%	.00013680432311	.00013680432311
1	0.0%	.00019381044207	.00019381044207
1	0.0%	.00028759408256	.00028759408256
2	0.0%	.00038078146114	.00038078146114
2399	28.5%	.00041041296933-.04945326925368	NOTE: Range of values omitted from display
1	0.0%	.05157127211655	.05157127211655
3	0.0%	.07417453737915	.07417453737915
6	0.1%	.08453409984583	.08453409984583
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc17y4</b>		Num 8	PE scope in Estimation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1626	19.3%	0	0
1	0.0%	.00009493027214	.00009493027214

79	0.9%	.00018986054428	.00018986054428
14	0.2%	.00022130315843	.00022130315843
1	0.0%	.00035861680425	.00035861680425
2001	23.8%	.00038021195964-.05530757948344	NOTE: Range of values omitted from display
12	0.1%	.05564077259213	.05564077259213
9	0.1%	.06920682424373	.06920682424373
3	0.0%	.07883203539529	.07883203539529
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc18y4</b>		Num 8	PE scope in Measurement, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1417	16.9%	0	0
9	0.1%	.00009815992532	.00009815992532
84	1.0%	.00019631985064	.00019631985064
5	0.1%	.00025494903164	.00025494903164
10	0.1%	.0003138985869	.0003138985869
2212	26.3%	.00033993204219-.05024256135162	NOTE: Range of values omitted from display
2	0.0%	.06362351625542	.06362351625542
4	0.0%	.07480096108823	.07480096108823
3	0.0%	.26233406034681	.26233406034681
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc19y4</b>		Num 8	PE scope in Perimeter, area, and volume, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
463	5.5%	0	0
1	0.0%	.00013726626884	.00013726626884
41	0.5%	.00100767672149	.00100767672149
3	0.0%	.00109332827885	.00109332827885
9	0.1%	.00123919053201	.00123919053201
3195	38.0%	.00144716015836-.15796002955285	NOTE: Range of values omitted from display



26	0.3%	.15910401934044	.15910401934044
2	0.0%	.20705012767613	.20705012767613
6	0.1%	.24927955164256	.24927955164256
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc20y4</b>		Num 8	PE scope in Probability- proportionality concepts Y4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1996	23.7%	0	0
1	0.0%	.0000608444673	.0000608444673
79	0.9%	.00012168893461	.00012168893461
14	0.2%	.00014184171691	.00014184171691
1	0.0%	.00016280417932	.00016280417932
1645	19.6%	.00028847613487-.07725983618161	NOTE: Range of values omitted from display
3	0.0%	.07726932976661	.07726932976661
3	0.0%	.13232343630817	.13232343630817
4	0.0%	.16872493477735	.16872493477735
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc21y4</b>		Num 8	PE scope in Probability- proportionality problems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1745	20.8%	0	0
41	0.5%	.00025112097936	.00025112097936
17	0.2%	.00094395432597	.00094395432597
1	0.0%	.00105067217642	.00105067217642
1	0.0%	.00157600826464	.00157600826464
1930	23.0%	.00172602582568-.05775448026765	NOTE: Range of values omitted from display
8	0.1%	.06827767434392	.06827767434392
1	0.0%	.07880086842019	.07880086842019
2	0.0%	.08038388874719	.08038388874719
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmc22y4</b>		Num 8	PE scope in Probability- linear interpolation and extrapolation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3060	36.4%	0	0
5	0.1%	.00008825857633	.00008825857633
14	0.2%	.00017651715266	.00017651715266
1	0.0%	.00020522188951	.00020522188951
9	0.1%	.00030783283427	.00030783283427
411	4.9%	.00035303430533-.00415746338905	NOTE: Range of values omitted from display
186	2.2%	.00446492650537	.00446492650537
14	0.2%	.00646431887321	.00646431887321
46	0.5%	.00702852089742	.00702852089742
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc23y4</b>		Num 8	PE scope in Trigonometry, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
648	7.7%	0	0
1	0.0%	.00026993137884	.00026993137884
1	0.0%	.00040489706826	.00040489706826
2	0.0%	.00041888139433	.00041888139433
9	0.1%	.00080979413653	.00080979413653
3066	36.5%	.00083776278867-.16889666929736	NOTE: Range of values omitted from display
14	0.2%	.16990556913518	.16990556913518
1	0.0%	.19505525596255	.19505525596255
4	0.0%	.26171241690865	.26171241690865
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc24y4</b>		Num 8	PE scope in Statistics- data representation and analysis Y4 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
641	7.6%	0	0
3	0.0%	.00025370618499	.00025370618499
4	0.0%	.00025494903164	.00025494903164
1	0.0%	.00033993204219	.00033993204219
8	0.1%	.00050741236999	.00050741236999
3067	36.5%	.00050865521664-.18135394750625	NOTE: Range of values omitted from display
1	0.0%	.3224862466186	.3224862466186
6	0.1%	.35386331737465	.35386331737465
15	0.2%	.62172230293493	.62172230293493
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc25y4</b>		Num 8	PE scope in Statistics- uncertainty and probability, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
564	6.7%	0	0
1	0.0%	.00035988373587	.00035988373587
1	0.0%	.00071976747174	.00071976747174
41	0.5%	.00101469741996	.00101469741996
7	0.1%	.00120166526857	.00120166526857
3109	37.0%	.00267214206106-.22169610906438	NOTE: Range of values omitted from display
2	0.0%	.34094044772045	.34094044772045
15	0.2%	.38014607212442	.38014607212442
6	0.1%	.6630861679604499	.6630861679604499
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc26y4</b>		Num 8	PE scope in Calculus- infinite process, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
834	9.9%	0	0
7	0.1%	.00025133877159	.00025133877159
1	0.0%	.00028759408256	.00028759408256

84	1.0%	.00050267754319	.00050267754319
10	0.1%	.00057518816513	.00057518816513
2564	30.5%	.00115037633026-.25264035725226	NOTE: Range of values omitted from display
105	1.2%	.26457563376969	.26457563376969
86	1.0%	.27855575934367	.27855575934367
55	0.7%	.34080957012509	.34080957012509
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc27y4</b>		Num 8	PE scope in Calculus- change, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1217	14.5%	0	0
1	0.0%	.0010487153509	.0010487153509
3	0.0%	.00114482532919	.00114482532919
8	0.1%	.00121498873481	.00121498873481
1	0.0%	.00133521320699	.00133521320699
2334	27.8%	.00147790986012-.6940317769857	NOTE: Range of values omitted from display
41	0.5%	.76116149291721	.76116149291721
86	1.0%	.79201965447325	.79201965447325
55	0.7%	1.24366655239323	1.24366655239323
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc28y4</b>		Num 8	PE scope in Validation and structuring, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1243	14.8%	0	0
1	0.0%	.00004239124112	.00004239124112
1	0.0%	.00006358686169	.00006358686169
9	0.1%	.00012717372338	.00012717372338
1	0.0%	.0002931570789	.0002931570789
2442	29.1%	.00034811382941-.1245378432023	NOTE: Range of values omitted from display
18	0.2%	.1337711772797	.1337711772797

24	0.3%	.13542584809621	.13542584809621
7	0.1%	.14098295925789	.14098295925789
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc29y4</b>		Num 8	PE scope in other topics, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
805	9.6%	0	0
1	0.0%	.0002812001693	.0002812001693
3	0.0%	.00041776180285	.00041776180285
1	0.0%	.00056198741811	.00056198741811
186	2.2%	.0005624003386	.0005624003386
2726	32.4%	.00070796574447-.22126068424236	NOTE: Range of values omitted from display
1	0.0%	.22992675062553	.22992675062553
1	0.0%	.24429291088415	.24429291088415
22	0.3%	.48214463083551	.48214463083551
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd1y4</b>		Num 8	IGP*PE scope in Algebra- pre-equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
541	6.4%	0	0
10	0.1%	.00025172096721	.00025172096721
1	0.0%	.0003304815447	.0003304815447
33	0.4%	.00047291360925	.00047291360925
5	0.1%	.00049572231705	.00049572231705
3069	36.5%	.00050344193442-.09232788359769	NOTE: Range of values omitted from display
85	1.0%	.10339675172324	.10339675172324
1	0.0%	.13786391277836	.13786391277836
1	0.0%	.34342479743716	.34342479743716
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmd2y4</b>		Num 8	IGP*PE scope in Algebra- basic equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
179	2.1%	0	0
6	0.1%	.00108908532831	.00108908532831
97	1.2%	.00284911251707	.00284911251707
10	0.1%	.00344201525269	.00344201525269
37	0.4%	.00417204745095	.00417204745095
3400	40.5%	.00458935367025-.38869486940759	NOTE: Range of values omitted from display
2	0.0%	.3978631756879	.3978631756879
14	0.2%	.43138474579356	.43138474579356
1	0.0%	.43664333191643	.43664333191643
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd3y4</b>		Num 8	IGP*PE scope in Algebra- advanced equation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
259	3.1%	0	0
1	0.0%	.00085565890468	.00085565890468
3	0.0%	.00151848751918	.00151848751918
3	0.0%	.00203785910335	.00203785910335
15	0.2%	.00254679274337	.00254679274337
3280	39.0%	.0036222381254-.41529655643261	NOTE: Range of values omitted from display
143	1.7%	.4228634331997	.4228634331997
41	0.5%	.50465817263349	.50465817263349
1	0.0%	.51174230805799	.51174230805799
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd4y4</b>		Num 8	IGP*PE scope in Algebra- number patterns, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
2640	31.4%	0	0
2	0.0%	.00008998394981	.00008998394981
79	0.9%	.00017996789963	.00017996789963
9	0.1%	.00045711330173	.00045711330173
8	0.1%	.00072189153406	.00072189153406
973	11.6%	.00072206866828-.03359223039804	NOTE: Range of values omitted from display
20	0.2%	.03454209403954	.03454209403954
3	0.0%	.03473671854701	.03473671854701
12	0.1%	.04148917157929	.04148917157929
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd5y4</b>		Num 8	IGP*PE scope in Algebra- basic function, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
263	3.1%	0	0
7	0.1%	.00006553013701	.00006553013701
23	0.3%	.00009829520552	.00009829520552
40	0.5%	.00019659041105	.00019659041105
1	0.0%	.00153207107913	.00153207107913
3219	38.3%	.0018859130113-.21709708859928	NOTE: Range of values omitted from display
87	1.0%	.21770220255561	.21770220255561
1	0.0%	.22028574687213	.22028574687213
105	1.2%	.22666306341783	.22666306341783
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd6y4</b>		Num 8	IGP*PE scope in Algebra- advanced function, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
658	7.8%	0	0
1	0.0%	.00048908210543	.00048908210543
18	0.2%	.00051864435794	.00051864435794

3	0.0%	.00090521874222	.00090521874222
2	0.0%	.00097816421086	.00097816421086
2954	35.1%	.00102727166381-.16288698138512	NOTE: Range of values omitted from display
105	1.2%	.17103367722634	.17103367722634
1	0.0%	.20872962144717	.20872962144717
4	0.0%	.27296599133511	.27296599133511
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd7y4</b>		Num 8	IGP*PE scope in Algebra- basic number, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1605	19.1%	0	0
3	0.0%	.00013804431992	.00013804431992
7	0.1%	.0003293581886	.0003293581886
3	0.0%	.00041897788419	.00041897788419
68	0.8%	.00044654333826	.00044654333826
2036	24.2%	.00048949156069-.08367658136452	NOTE: Range of values omitted from display
2	0.0%	.08784735425833	.08784735425833
16	0.2%	.09201812715214	.09201812715214
6	0.1%	.10256331387527	.10256331387527
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd8y4</b>		Num 8	IGP*PE scope in Algebra- advanced number, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
360	4.3%	0	0
1	0.0%	.00010560461007	.00010560461007
6	0.1%	.00021120922014	.00021120922014
17	0.2%	.00063348023771	.00063348023771
6	0.1%	.0006524474317	.0006524474317
3339	39.7%	.00078949742862-.14573909212139	NOTE: Range of values omitted from display
10	0.1%	.15931875988273	.15931875988273



6	0.1%	.2657416442473	.2657416442473
1	0.0%	.31880941069538	.31880941069538
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd9y4</b>		Num 8	IGP*PE scope in Geometry- 2-D, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	1.0%	0	0
105	1.2%	.00200802208562	.00200802208562
1	0.0%	.00215299101202	.00215299101202
9	0.1%	.00229795993843	.00229795993843
1	0.0%	.00297419278456	.00297419278456
3445	41.0%	.00312336968742-.45836725333576	NOTE: Range of values omitted from display
73	0.9%	.50642136458858	.50642136458858
26	0.3%	.5451438607352	.5451438607352
6	0.1%	.73756120878473	.73756120878473
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd10y4</b>		Num 8	IGP*PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1480	17.6%	0	0
1	0.0%	.0002442995248	.0002442995248
1	0.0%	.00028323256379	.00028323256379
25	0.3%	.00048859904961	.00048859904961
1	0.0%	.00050673260034	.00050673260034
2175	25.9%	.00056646512758-.0860378272508	NOTE: Range of values omitted from display
7	0.1%	.10547011160789	.10547011160789
1	0.0%	.11594117300825	.11594117300825
55	0.7%	.12601931754058	.12601931754058
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmd11y4</b>		Num 8	IGP*PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
80	1.0%	0	0
2	0.0%	.00180797346899	.00180797346899
25	0.3%	.00243488613986	.00243488613986
17	0.2%	.00361594693798	.00361594693798
7	0.1%	.00405170975047	.00405170975047
3556	42.3%	.00407774063974-.19938111346979	NOTE: Range of values omitted from display
55	0.7%	.21599192419083	.21599192419083
1	0.0%	.24590224498151	.24590224498151
3	0.0%	.34470151179739	.34470151179739
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd12y4</b>		Num 8	IGP*PE scope in Geometry- transformation, congruence and similarity, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
438	5.2%	0	0
31	0.4%	.00021481533573	.00021481533573
4	0.0%	.00026498034267	.00026498034267
9	0.1%	.00029939146141	.00029939146141
19	0.2%	.00042963067146	.00042963067146
3152	37.5%	.00052996068535-.1484625546015	NOTE: Range of values omitted from display
1	0.0%	.15917751507724	.15917751507724
55	0.7%	.16056467092768	.16056467092768
37	0.4%	.17130190502201	.17130190502201
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd13y4</b>		Num 8	IGP*PE scope in Numbers and arithmetic- whole numbers, year 4
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
2075	24.7%	0	0	
1	0.0%	.00010083197369	.00010083197369	
3	0.0%	.00010788041451	.00010788041451	
17	0.2%	.00015080801868	.00015080801868	
1	0.0%	.00019021336143	.00019021336143	
1643	19.5%	.00020105707997-.04927441175108	NOTE: Range of values omitted from display	
1	0.0%	.05109982579795	.05109982579795	
1	0.0%	.05211894895294	.05211894895294	
4	0.0%	.10641109917621	.10641109917621	
3075	36.6%	9991	Student did not take course in specified subject in given year	
1584	18.8%	9992	Student took course, but curriculum information not available for this course	

<b>etmd14y4</b>				Num 8	IGP*PE scope in Fractions, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
1171	13.9%	0	0		
1	0.0%	.000132124496	.000132124496		
8	0.1%	.0001696479386	.0001696479386		
18	0.2%	.00024161687285	.00024161687285		
11	0.1%	.00025124584124	.00025124584124		
2510	29.9%	.00026424899201-.48138756489599	NOTE: Range of values omitted from display		
4	0.0%	.50966824567147	.50966824567147		
22	0.3%	.58916090469436	.58916090469436		
1	0.0%	.6555860865740401	.6555860865740401		
3075	36.6%	9991	Student did not take course in specified subject in given year		
1584	18.8%	9992	Student took course, but curriculum information not available for this course		

<b>etmd15y4</b>				Num 8	IGP*PE scope in Number theory, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
2811	33.4%	0	0		
2	0.0%	.00014990929234	.00014990929234		

6	0.1%	.00018613089277	.00018613089277
1	0.0%	.00018778148296	.00018778148296
15	0.2%	.0002481745237	.0002481745237
889	10.6%	.00029981858468-.02759820527042	NOTE: Range of values omitted from display
6	0.1%	.02829682947064	.02829682947064
2	0.0%	.0305143600618	.0305143600618
14	0.2%	.03196874054178	.03196874054178
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd16y4</b>		Num 8	IGP*PE scope in Discrete math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1326	15.8%	0	0
7	0.1%	.00020284341538	.00020284341538
1	0.0%	.00028208779825	.00028208779825
1	0.0%	.00042292012145	.00042292012145
2	0.0%	.00052008941477	.00052008941477
2399	28.5%	.00060853024615-.06041584691561	NOTE: Range of values omitted from display
1	0.0%	.06074463641551	.06074463641551
3	0.0%	.08572147180119	.08572147180119
6	0.1%	.09174372831533	.09174372831533
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd17y4</b>		Num 8	IGP*PE scope in Estimation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1626	19.3%	0	0
1	0.0%	.00003458220467	.00003458220467
79	0.9%	.00006916440934	.00006916440934
14	0.2%	.00008278121732	.00008278121732
1	0.0%	.00016580963267	.00016580963267
2012	23.9%	.00024871444901-.03799488734375	NOTE: Range of values omitted from display

2	0.0%	.0402978911482	.0402978911482
2	0.0%	.05104474885923	.05104474885923
9	0.1%	.05776495545095	.05776495545095
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd18y4</b>		Num 8	IGP*PE scope in Measurement, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1417	16.9%	0	0
9	0.1%	.00003978273407	.00003978273407
84	1.0%	.00007956546815	.00007956546815
5	0.1%	.00010481897043	.00010481897043
10	0.1%	.00011427458966	.00011427458966
2212	26.3%	.00013975862725-.03429946431679	NOTE: Range of values omitted from display
2	0.0%	.04496117705077	.04496117705077
4	0.0%	.04859922782947	.04859922782947
3	0.0%	.17009845574975	.17009845574975
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd19y4</b>		Num 8	IGP*PE scope in Perimeter, area, and volume, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
463	5.5%	0	0
1	0.0%	.00012127554107	.00012127554107
33	0.4%	.0008041161072	.0008041161072
41	0.5%	.00086026302198	.00086026302198
85	1.0%	.00087452387992	.00087452387992
3112	37.0%	.00103670084553-.10134485456214	NOTE: Range of values omitted from display
3	0.0%	.13469270852517	.13469270852517
2	0.0%	.14287850299471	.14287850299471
6	0.1%	.14959593415582	.14959593415582
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmd20y4</b>			
		Num 8	IGP*PE scope in Probability- proportionality conceptsY4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1996	23.7%	0	0
1	0.0%	.00006649520034	.00006649520034
1	0.0%	.00010903881169	.00010903881169
79	0.9%	.00013299040068	.00013299040068
14	0.2%	.00015917301058	.00015917301058
1647	19.6%	.00017660487723-.05223020807257	NOTE: Range of values omitted from display
1	0.0%	.06629564316774	.06629564316774
3	0.0%	.10966589164049	.10966589164049
4	0.0%	.13520810371386	.13520810371386
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd21y4</b>			
		Num 8	IGP*PE scope in Probability- proportionality problems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1745	20.8%	0	0
41	0.5%	.00018275384983	.00018275384983
17	0.2%	.00083894397095	.00083894397095
1	0.0%	.00106434853444	.00106434853444
5	0.1%	.00126419048181	.00126419048181
1926	22.9%	.00126730287783-.04424630865583	NOTE: Range of values omitted from display
8	0.1%	.05403674382053	.05403674382053
1	0.0%	.06460851299831	.06460851299831
2	0.0%	.08942537527592	.08942537527592
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd22y4</b>			
		Num 8	IGP*PE scope in Probability- linear interpolation and extrapolation, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
3060	36.4%	0	0
5	0.1%	.00010730960096	.00010730960096
1	0.0%	.00018061339508	.00018061339508
14	0.2%	.00021461920192	.00021461920192
9	0.1%	.00027092009263	.00027092009263
411	4.9%	.00036122679017-.00467290191743	NOTE: Range of values omitted from display
186	2.2%	.00549165230344	.00549165230344
14	0.2%	.00665746765014	.00665746765014
46	0.5%	.00687599305326	.00687599305326
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd23y4</b>		Num 8	IGP*PE scope in Trigonometry, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
648	7.7%	0	0
1	0.0%	.00031950137113	.00031950137113
1	0.0%	.0004792520567	.0004792520567
2	0.0%	.00053649825361	.00053649825361
9	0.1%	.0009585041134	.0009585041134
3076	36.6%	.00100158077798-.18496540773383	NOTE: Range of values omitted from display
4	0.0%	.19259822043599	.19259822043599
1	0.0%	.19400858847725	.19400858847725
4	0.0%	.27741125622723	.27741125622723
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd24y4</b>		Num 8	IGP*PE scope in Statistics- data representation and analysis, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
641	7.6%	0	0
3	0.0%	.00023374089812	.00023374089812
4	0.0%	.00035477189994	.00035477189994

8	0.1%	.00046748179625	.00046748179625
1	0.0%	.00047302919992	.00047302919992
3067	36.5%	.00058851279806-.17886015688107	NOTE: Range of values omitted from display
1	0.0%	.34233146024512	.34233146024512
6	0.1%	.34790707959826	.34790707959826
15	0.2%	.66870166935618	.66870166935618
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd25y4</b>		Num 8	IGP*PE scope in Statistics- uncertainty and probability, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
564	6.7%	0	0
7	0.1%	.00053895531037	.00053895531037
1	0.0%	.00057783996873	.00057783996873
1	0.0%	.00115567993747	.00115567993747
41	0.5%	.00133488730873	.00133488730873
3109	37.0%	.00190354409476-.26336015581273	NOTE: Range of values omitted from display
2	0.0%	.41057265650237	.41057265650237
15	0.2%	.4494062793729	.4494062793729
6	0.1%	.79704032170286	.79704032170286
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd26y4</b>		Num 8	IGP*PE scope in Calculus- infinite process, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
834	9.9%	0	0
7	0.1%	.00034476980229	.00034476980229
1	0.0%	.00046368350665	.00046368350665
84	1.0%	.00068953960458	.00068953960458
10	0.1%	.00092736701331	.00092736701331
2564	30.5%	.00185473402663-.30998201200443	NOTE: Range of values omitted from display
105	1.2%	.32236178731225	.32236178731225



86	1.0%	.33139976912887	.33139976912887
55	0.7%	.39692247268852	.39692247268852
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd27y4</b>		Num 8	IGP*PE scope in Calculus- change, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1217	14.5%	0	0
1	0.0%	.0009465366565	.0009465366565
1	0.0%	.0011932840878	.0011932840878
7	0.1%	.00141980498475	.00141980498475
3	0.0%	.00158804797238	.00158804797238
2335	27.8%	.0017411553834-.81720456856257	NOTE: Range of values omitted from display
41	0.5%	.8432034185863601	.8432034185863601
86	1.0%	.9263943992504901	.9263943992504901
55	0.7%	1.4263370265434	1.4263370265434
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd28y4</b>		Num 8	IGP*PE scope in Validation and structuring, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1243	14.8%	0	0
1	0.0%	.00003850887214	.00003850887214
1	0.0%	.00005776330821	.00005776330821
9	0.1%	.00011552661643	.00011552661643
1	0.0%	.00035926634807	.00035926634807
2463	29.3%	.00040265590902-.14506068754463	NOTE: Range of values omitted from display
3	0.0%	.15245638649665	.15245638649665
18	0.2%	.15566043440041	.15566043440041
7	0.1%	.17590608016186	.17590608016186
3075	36.6%	9991	Student did not take course in specified subject in given year

1584	18.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmd29y4</b>		Num 8	IGP*PE scope in other topics, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
805	9.6%	0	0
1	0.0%	.00033699486668	.00033699486668
3	0.0%	.00040841541652	.00040841541652
1	0.0%	.00060785628254	.00060785628254
186	2.2%	.00067398973336	.00067398973336
2726	32.4%	.00069387500754-.18802891511567	NOTE: Range of values omitted from display
1	0.0%	.20625467101932	.20625467101932
1	0.0%	.26583636990783	.26583636990783
22	0.3%	.32699496592239	.32699496592239
3075	36.6%	9991	Student did not take course in specified subject in given year
1584	18.8%	9992	Student took course, but curriculum information not available for this course

<b>etma1y5</b>		Num 8	Unweighted scope in Algebra- pre-equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
27	0.3%	0	0
1	0.0%	.00046977840372	.00046977840372
1	0.0%	.00052378174486	.00052378174486
1	0.0%	.00108372888421	.00108372888421
1	0.0%	.00118791588582	.00118791588582
82	1.0%	.00135350174237-.09187848418811	NOTE: Range of values omitted from display
2	0.0%	.09983085342976	.09983085342976
14	0.2%	.10045344225899	.10045344225899
1	0.0%	.11132627664847	.11132627664847
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma2y5</b>		Num 8	Unweighted scope in Algebra- basic equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
9	0.1%	0	0
2	0.0%	.00499577046078	.00499577046078
5	0.1%	.00551960344582	.00551960344582
1	0.0%	.0073808234264	.0073808234264
2	0.0%	.00810258605994	.00810258605994
104	1.2%	.00930787157383-.29652606857731	NOTE: Range of values omitted from display
2	0.0%	.30186680717015	.30186680717015
1	0.0%	.3277005350969	.3277005350969
4	0.0%	.35887500161649	.35887500161649
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma3y5</b>		Num 8	Unweighted scope in Algebra- advanced equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	0	0
1	0.0%	.00345454543132	.00345454543132
2	0.0%	.00358798095019	.00358798095019
2	0.0%	.00569454707702	.00569454707702
1	0.0%	.00810174254487	.00810174254487
106	1.3%	.01011423133507-.34938239414393	NOTE: Range of values omitted from display
1	0.0%	.35059837191861	.35059837191861
1	0.0%	.4392271391833	.4392271391833
7	0.1%	.5423353442017	.5423353442017
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma4y5</b>		Num 8	Unweighted scope in Algebra- number patterns, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
68	0.8%	0	0
2	0.0%	.00067675087118	.00067675087118
4	0.0%	.00097156979762	.00097156979762

1	0.0%	.00104045843676	.00104045843676
3	0.0%	.00278871374921	.00278871374921
46	0.5%	.00284185868824-.01497351455413	NOTE: Range of values omitted from display
1	0.0%	.01853975868578	.01853975868578
4	0.0%	.02388819151165	.02388819151165
1	0.0%	.04211313825679	.04211313825679
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma5y5</b>		Num 8	Unweighted scope in Algebra- basic function, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
2	0.0%	.00021565356562	.00021565356562
1	0.0%	.00043130713125	.00043130713125
1	0.0%	.00231548153243	.00231548153243
2	0.0%	.00311937090505	.00311937090505
96	1.1%	.00336212068511-.10633072379776	NOTE: Range of values omitted from display
6	0.1%	.107076483996	.107076483996
2	0.0%	.11769211950531	.11769211950531
2	0.0%	.29575908466064	.29575908466064
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma6y5</b>		Num 8	Unweighted scope in Algebra- advanced function, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
3	0.0%	.00060450565187	.00060450565187
3	0.0%	.00124291188047	.00124291188047
1	0.0%	.00339062418587	.00339062418587
1	0.0%	.00376225777658	.00376225777658
61	0.7%	.00382924213526-.06550625387832	NOTE: Range of values omitted from display
1	0.0%	.07045834274435	.07045834274435

7	0.1%	.07211477558876	.07211477558876
6	0.1%	.11517681206556	.11517681206556
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma7y5</b>		Num 8	Unweighted scope in Algebra- basic number, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
2	0.0%	.00193313333944	.00193313333944
2	0.0%	.00213926767429	.00213926767429
1	0.0%	.00356833450636	.00356833450636
1	0.0%	.00375680964934	.00375680964934
72	0.9%	.00386626667888-.06175187705102	NOTE: Range of values omitted from display
3	0.0%	.08010054847886	.08010054847886
1	0.0%	.08461935452456	.08461935452456
1	0.0%	.09571479106769	.09571479106769
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma8y5</b>		Num 8	Unweighted scope in Algebra- advanced number, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	0	0
5	0.1%	.00174209546878	.00174209546878
1	0.0%	.00324280135035	.00324280135035
2	0.0%	.00376739560424	.00376739560424
1	0.0%	.00593844162371	.00593844162371
102	1.2%	.00954510957657-.15751203042553	NOTE: Range of values omitted from display
2	0.0%	.15875718161167	.15875718161167
1	0.0%	.19603085401287	.19603085401287
1	0.0%	.25445821111553	.25445821111553
8210	97.7%	9991	Student did not take course in specified subject in given year

65	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etma9y5</b>			
		Num 8	Unweighted scope in Geometry- 2-D, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
2	0.0%	.00635632423379	.00635632423379
2	0.0%	.00831724064606	.00831724064606
4	0.0%	.00843298860903	.00843298860903
7	0.1%	.00980676759163	.00980676759163
106	1.3%	.01064033309186-.5218508865649	NOTE: Range of values omitted from display
2	0.0%	.53029176035666	.53029176035666
1	0.0%	.5698177045632	.5698177045632
1	0.0%	.61021772061955	.61021772061955
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma10y5</b>			
		Num 8	Unweighted scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
50	0.6%	0	0
1	0.0%	.00104431501876	.00104431501876
1	0.0%	.0022822622589	.0022822622589
3	0.0%	.00295101984043	.00295101984043
3	0.0%	.00340853397782	.00340853397782
67	0.8%	.00361888805654-.09313597459428	NOTE: Range of values omitted from display
2	0.0%	.09680072086613	.09680072086613
1	0.0%	.10542626955815	.10542626955815
2	0.0%	.1329947403824	.1329947403824
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma11y5</b>			
		Num 8	Unweighted scope in Geometry- conic sections and their equations, and equations for lines and planes, year 5

			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00326286496751	.00326286496751
1	0.0%	.00556109814138	.00556109814138
1	0.0%	.00668213611588	.00668213611588
7	0.1%	.01251859481993	.01251859481993
112	1.3%	.01780520008851-.18629163664512	NOTE: Range of values omitted from display
1	0.0%	.19378311015248	.19378311015248
1	0.0%	.19419577708488	.19419577708488
1	0.0%	.21092303843065	.21092303843065
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma12y5</b>			Num 8	Unweighted scope in Geometry- transformation, congruence and similarity, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
20	0.2%	0	0	
4	0.0%	.00083447712679	.00083447712679	
3	0.0%	.00284044498152	.00284044498152	
1	0.0%	.00326286496751	.00326286496751	
1	0.0%	.00410961040302	.00410961040302	
94	1.1%	.00550396533739-.1664608051852	NOTE: Range of values omitted from display	
1	0.0%	.17557387351782	.17557387351782	
5	0.1%	.2224275241798	.2224275241798	
1	0.0%	.23438021835411	.23438021835411	
8210	97.7%	9991	Student did not take course in specified subject in given year	
65	0.8%	9992	Student took course, but curriculum information not available for this course	

<b>etma13y5</b>			Num 8	Unweighted scope in Numbers and arithmetic- whole numbers, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
43	0.5%	0	0	

1	0.0%	.00166969317748	.00166969317748
1	0.0%	.00180428532297	.00180428532297
3	0.0%	.00209632621891	.00209632621891
2	0.0%	.00293215379007	.00293215379007
64	0.8%	.00376798136123-.05826544584854	NOTE: Range of values omitted from display
1	0.0%	.06158191882991	.06158191882991
14	0.2%	.10242281251113	.10242281251113
1	0.0%	.13944820293205	.13944820293205
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma14y5</b>		Num 8	Unweighted scope in Fractions, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
1	0.0%	.000575076175	.000575076175
3	0.0%	.0006818081649	.0006818081649
1	0.0%	.00104519556439	.00104519556439
1	0.0%	.00192560806045	.00192560806045
95	1.1%	.00195002999736-.27139981267707	NOTE: Range of values omitted from display
1	0.0%	.38663213931489	.38663213931489
1	0.0%	.41974577575315	.41974577575315
1	0.0%	.50997584746118	.50997584746118
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma15y5</b>		Num 8	Unweighted scope in Number theory, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
79	0.9%	0	0
2	0.0%	.00017301864408	.00017301864408
1	0.0%	.00025952796613	.00025952796613
1	0.0%	.00051905593226	.00051905593226
1	0.0%	.00084221555087	.00084221555087



42	0.5%	.00264873346196-.02665686462158	NOTE: Range of values omitted from display
1	0.0%	.03006961252147	.03006961252147
1	0.0%	.03231060587159	.03231060587159
2	0.0%	.03634164314466	.03634164314466
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma16y5</b>		Num 8	Unweighted scope in Discrete math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
46	0.5%	0	0
1	0.0%	.00086860463933	.00086860463933
1	0.0%	.00106505475245	.00106505475245
2	0.0%	.00123780539196	.00123780539196
2	0.0%	.00172305787929	.00172305787929
73	0.9%	.00213139401618-.0278290948804	NOTE: Range of values omitted from display
3	0.0%	.02799649881562	.02799649881562
1	0.0%	.03265253899179	.03265253899179
1	0.0%	.04393697254159	.04393697254159
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma17y5</b>		Num 8	Unweighted scope in Estimation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
1	0.0%	.00030566229135	.00030566229135
1	0.0%	.00053441161599	.00053441161599
1	0.0%	.00073928285639	.00073928285639
2	0.0%	.00188369780212	.00188369780212
72	0.9%	.00221737652145-.02914309784994	NOTE: Range of values omitted from display
1	0.0%	.0304976114114	.0304976114114
4	0.0%	.0409440461283	.0409440461283
1	0.0%	.04978904955738	.04978904955738

8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma18y5</b>		Num 8	Unweighted scope in Measurement, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
38	0.5%	0	0
2	0.0%	.00019754215978	.00019754215978
1	0.0%	.00032048338805	.00032048338805
14	0.2%	.00039508431956	.00039508431956
2	0.0%	.0006409667761	.0006409667761
70	0.8%	.00067454898093-.04638271803821	NOTE: Range of values omitted from display
1	0.0%	.04987503206671	.04987503206671
1	0.0%	.06910957163549	.06910957163549
1	0.0%	.18132371671176	.18132371671176
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma19y5</b>		Num 8	Unweighted scope in Perimeter, area, and volume, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	0	0
1	0.0%	.00124478930238	.00124478930238
3	0.0%	.00159369829508	.00159369829508
1	0.0%	.00178300679112	.00178300679112
6	0.1%	.001800226426	.001800226426
91	1.1%	.00227609191552-.09438835866187	NOTE: Range of values omitted from display
10	0.1%	.09929369044694	.09929369044694
2	0.0%	.1063485425804	.1063485425804
1	0.0%	.1188128008381	.1188128008381
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma20y5</b>		Num 8	Unweighted scope in Probability- proportionality concepts, year 5
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
30	0.4%	0	0
1	0.0%	.00087299932083	.00087299932083
1	0.0%	.00195902993851	.00195902993851
1	0.0%	.00222791288128	.00222791288128
3	0.0%	.00267704097333	.00267704097333
91	1.1%	.00277053163026-.03008134095139	NOTE: Range of values omitted from display
1	0.0%	.0566785544055	.0566785544055
1	0.0%	.08852566893846	.08852566893846
1	0.0%	.1125007140289	.1125007140289
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etma21y5			
		Num 8	Unweighted scope in Probability- proportionality problems, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
28	0.3%	0	0
6	0.1%	.00044863061091	.00044863061091
2	0.0%	.00249861639057	.00249861639057
1	0.0%	.00271178251427	.00271178251427
1	0.0%	.0034133704515	.0034133704515
89	1.1%	.00488819928635-.04092181176735	NOTE: Range of values omitted from display
1	0.0%	.04189455447536	.04189455447536
1	0.0%	.04548113248126	.04548113248126
1	0.0%	.05671124048425	.05671124048425
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etma22y5			
		Num 8	Unweighted scope in Probability- linear interpolation and extrapolation, year 5
Frequency	Percent	Value	Label
99	1.2%	0	0
2	0.0%	.00017761616801	.00017761616801

14	0.2%	.00035523233603	.00035523233603
4	0.0%	.00080221538658	.00080221538658
1	0.0%	.00124478930238	.00124478930238
4	0.0%	.00160443077317	.00160443077317
2	0.0%	.00249578418965	.00249578418965
1	0.0%	.0041557974454	.0041557974454
3	0.0%	.0083115948908	.0083115948908
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma23y5</b>		Num 8	Unweighted scope in Trigonometry, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
24	0.3%	0	0
2	0.0%	.00145231249108	.00145231249108
2	0.0%	.00505075535579	.00505075535579
1	0.0%	.00637587965515	.00637587965515
3	0.0%	.00738214329011	.00738214329011
89	1.1%	.00798246599435-.12134942075441	NOTE: Range of values omitted from display
7	0.1%	.13581477612837	.13581477612837
1	0.0%	.16864869775758	.16864869775758
1	0.0%	.22029153973319	.22029153973319
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma24y5</b>		Num 8	Unweighted scope in Statistics- data representation and analysis, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
1	0.0%	.00033727449046	.00033727449046
1	0.0%	.00040352644709	.00040352644709
3	0.0%	.00148577971919	.00148577971919
1	0.0%	.00166413967171	.00166413967171
99	1.2%	.00190763921458-.08763367448524	NOTE: Range of values omitted from display

2	0.0%	.09105566038897	.09105566038897
3	0.0%	.09930774732515	.09930774732515
2	0.0%	.16442943144666	.16442943144666
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma25y5</b>		Num 8	Unweighted scope in Statistics- uncertainty and probability, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
6	0.1%	.00181276898717	.00181276898717
2	0.0%	.0026146604908	.0026146604908
5	0.1%	.00397543161652	.00397543161652
2	0.0%	.00506453039792	.00506453039792
92	1.1%	.00665105461856-.07431372532769	NOTE: Range of values omitted from display
2	0.0%	.07951532360589	.07951532360589
1	0.0%	.0876984356332	.0876984356332
2	0.0%	.13218522098736	.13218522098736
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma26y5</b>		Num 8	Unweighted scope in Calculus- infinite process, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
60	0.7%	0	0
1	0.0%	.00050580726926	.00050580726926
14	0.2%	.00101161453853	.00101161453853
1	0.0%	.00106505475245	.00106505475245
1	0.0%	.004285109764	.004285109764
44	0.5%	.00826231845591-.14115823870425	NOTE: Range of values omitted from display
6	0.1%	.17209370487574	.17209370487574
2	0.0%	.19538364556379	.19538364556379
1	0.0%	.272162154532	.272162154532
8210	97.7%	9991	Student did not take course in specified subject in given year

65	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etma27y5</b>			
		Num 8	Unweighted scope in Calculus- change, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
59	0.7%	0	0
1	0.0%	.00129680322623	.00129680322623
3	0.0%	.00255487442098	.00255487442098
3	0.0%	.00259360645247	.00259360645247
1	0.0%	.00275410615197	.00275410615197
54	0.6%	.00459410672351-.36430126975278	NOTE: Range of values omitted from display
6	0.1%	.50316821363051	.50316821363051
2	0.0%	.62666256894525	.62666256894525
1	0.0%	1.00096134919608	1.00096134919608
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma28y5</b>			
		Num 8	Unweighted scope in Validation and structuring, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
50	0.6%	0	0
2	0.0%	.00026641616988	.00026641616988
6	0.1%	.00062190948903	.00062190948903
1	0.0%	.00097156979762	.00097156979762
1	0.0%	.00149575082871	.00149575082871
63	0.7%	.00194313959524-.07721504050945	NOTE: Range of values omitted from display
2	0.0%	.10436190495676	.10436190495676
2	0.0%	.12566222195253	.12566222195253
3	0.0%	.13781768469701	.13781768469701
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma29y5</b>			
		Num 8	Unweighted scope in other topics, year 5 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
25	0.3%	0	0
3	0.0%	.00104692513422	.00104692513422
1	0.0%	.0013683688206	.0013683688206
1	0.0%	.00139837070036	.00139837070036
1	0.0%	.00168981250699	.00168981250699
96	1.1%	.00200199766409-.12167390557562	NOTE: Range of values omitted from display
1	0.0%	.13607313494263	.13607313494263
1	0.0%	.14802555487388	.14802555487388
1	0.0%	.15379730483904	.15379730483904
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb1y5</b>		Num 8	IGP scope in Algebra- pre-equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
27	0.3%	0	0
1	0.0%	.00041807749407	.00041807749407
1	0.0%	.00061056372418	.00061056372418
1	0.0%	.00083867677444	.00083867677444
1	0.0%	.00100489191573	.00100489191573
95	1.1%	.00123819935946-.08091789561579	NOTE: Range of values omitted from display
1	0.0%	.08819402563618	.08819402563618
2	0.0%	.09053337690151	.09053337690151
1	0.0%	.10007281092493	.10007281092493
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb2y5</b>		Num 8	IGP scope in Algebra- basic equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	0	0
2	0.0%	.00519018572139	.00519018572139
5	0.1%	.00655352243888	.00655352243888

2	0.0%	.00781749238462	.00781749238462
1	0.0%	.00857436975681	.00857436975681
104	1.2%	.00992159247264-.29617357706369	NOTE: Range of values omitted from display
1	0.0%	.32194400499429	.32194400499429
2	0.0%	.33140645885838	.33140645885838
4	0.0%	.35324379014804	.35324379014804
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb3y5</b>		Num 8	IGP scope in Algebra- advanced equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	0	0
2	0.0%	.00376859800662	.00376859800662
1	0.0%	.0040320549903	.0040320549903
2	0.0%	.00581867444842	.00581867444842
1	0.0%	.00824390847947	.00824390847947
106	1.3%	.01085536255557-.37675020356804	NOTE: Range of values omitted from display
1	0.0%	.38381389792879	.38381389792879
1	0.0%	.47504968609964	.47504968609964
7	0.1%	.57559937766627	.57559937766627
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb4y5</b>		Num 8	IGP scope in Algebra- number patterns, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
68	0.8%	0	0
2	0.0%	.00098024115957	.00098024115957
1	0.0%	.00102521430348	.00102521430348
4	0.0%	.00124885561876	.00124885561876
1	0.0%	.0036058150159	.0036058150159
48	0.6%	.00372681149617-.01975676942595	NOTE: Range of values omitted from display
1	0.0%	.02240889355653	.02240889355653



4	0.0%	.02877649766211	.02877649766211
1	0.0%	.04976847656426	.04976847656426
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb5y5</b>		Num 8	IGP scope in Algebra- basic function, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
2	0.0%	.00018608322651	.00018608322651
1	0.0%	.00037216645303	.00037216645303
1	0.0%	.0025892980738	.0025892980738
2	0.0%	.00282260372615	.00282260372615
100	1.2%	.00285033660803-.11209022336929	NOTE: Range of values omitted from display
2	0.0%	.12516365393467	.12516365393467
2	0.0%	.13174805646849	.13174805646849
2	0.0%	.31727008625171	.31727008625171
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb6y5</b>		Num 8	IGP scope in Algebra- advanced function, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
3	0.0%	.00086490806184	.00086490806184
3	0.0%	.00112744358844	.00112744358844
1	0.0%	.00427271668731	.00427271668731
4	0.0%	.00444945605594	.00444945605594
62	0.7%	.00532326740655-.07681344775817	NOTE: Range of values omitted from display
3	0.0%	.0843246727897	.0843246727897
1	0.0%	.0999665809519	.0999665809519
6	0.1%	.12840124321057	.12840124321057
8210	97.7%	9991	Student did not take course in specified subject in given year

65	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmb7y5</b>			
		Num 8	IGP scope in Algebra- basic number, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
2	0.0%	.00184994654389	.00184994654389
1	0.0%	.00262774022469	.00262774022469
2	0.0%	.00280418648861	.00280418648861
1	0.0%	.00324647360096	.00324647360096
72	0.9%	.00369989308779-.06612484523536	NOTE: Range of values omitted from display
1	0.0%	.06789252179491	.06789252179491
3	0.0%	.07261094997041	.07261094997041
1	0.0%	.09072841663043	.09072841663043
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb8y5</b>			
		Num 8	IGP scope in Algebra- advanced number, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	0	0
5	0.1%	.00137499097822	.00137499097822
2	0.0%	.00366007925891	.00366007925891
1	0.0%	.00480565553652	.00480565553652
1	0.0%	.0052540504923	.0052540504923
103	1.2%	.00710048754743-.16315535033113	NOTE: Range of values omitted from display
1	0.0%	.18713267013169	.18713267013169
1	0.0%	.19796060196198	.19796060196198
1	0.0%	.23615277113143	.23615277113143
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb9y5</b>			
		Num 8	IGP scope in Geometry- 2-D, year 5 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
5	0.1%	0	0
2	0.0%	.0048008797924	.0048008797924
4	0.0%	.00692097280702	.00692097280702
2	0.0%	.00703659783041	.00703659783041
1	0.0%	.00793514301522	.00793514301522
112	1.3%	.00926353938981-.42604190338709	NOTE: Range of values omitted from display
1	0.0%	.46382822537407	.46382822537407
2	0.0%	.46596942696225	.46596942696225
1	0.0%	.49152058688198	.49152058688198
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb10y5</b>			
		Num 8	IGP scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
50	0.6%	0	0
1	0.0%	.0010104159426	.0010104159426
1	0.0%	.00227447945511	.00227447945511
3	0.0%	.00258301858084	.00258301858084
3	0.0%	.00321694082147	.00321694082147
68	0.8%	.00361616092937-.08115221351603	NOTE: Range of values omitted from display
1	0.0%	.08813922715498	.08813922715498
1	0.0%	.10057630347667	.10057630347667
2	0.0%	.11037474323425	.11037474323425
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb11y5</b>			
		Num 8	IGP scope in Geometry- conic sections and their equations, and equations for lines and planes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00474246256991	.00474246256991

1	0.0%	.00537023023738	.00537023023738
1	0.0%	.00891230663137	.00891230663137
7	0.1%	.01280383167954	.01280383167954
109	1.3%	.01834852979171-.17713858572692	NOTE: Range of values omitted from display
4	0.0%	.18514606042735	.18514606042735
1	0.0%	.18968516549714	.18968516549714
1	0.0%	.21540590035033	.21540590035033
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb12y5</b>		Num 8	IGP scope in Geometry- transformation, congruence and similarity, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
4	0.0%	.00046000015615	.00046000015615
1	0.0%	.00362872031447	.00362872031447
3	0.0%	.0038488399114	.0038488399114
1	0.0%	.00396535987992	.00396535987992
85	1.0%	.00474232880644-.1354139467127	NOTE: Range of values omitted from display
10	0.1%	.13611953036361	.13611953036361
1	0.0%	.15249046335052	.15249046335052
5	0.1%	.16154754284322	.16154754284322
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb13y5</b>		Num 8	IGP scope in Numbers and arithmetic- whole numbers, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
43	0.5%	0	0
1	0.0%	.00021375957866	.00021375957866
3	0.0%	.00065053275278	.00065053275278
2	0.0%	.00096304394624	.00096304394624
3	0.0%	.00107666552883	.00107666552883

75	0.9%	.00113996522218-.03305772367377	NOTE: Range of values omitted from display
1	0.0%	.03377114508683	.03377114508683
1	0.0%	.03571089811861	.03571089811861
1	0.0%	.07615435775676	.07615435775676
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb14y5</b>		Num 8	IGP scope in Fractions, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
3	0.0%	.0004029280913	.0004029280913
1	0.0%	.00070757572552	.00070757572552
1	0.0%	.00088354804926	.00088354804926
1	0.0%	.00111230811201	.00111230811201
95	1.1%	.00137537366702-.25772283564492	NOTE: Range of values omitted from display
1	0.0%	.3441727606343	.3441727606343
1	0.0%	.36475008921629	.36475008921629
1	0.0%	.43799721538276	.43799721538276
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb15y5</b>		Num 8	IGP scope in Number theory, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
79	0.9%	0	0
2	0.0%	.00012857600706	.00012857600706
1	0.0%	.00019286401059	.00019286401059
1	0.0%	.00038572802119	.00038572802119
1	0.0%	.000791385609	.000791385609
42	0.5%	.00223395921965-.0244354617159	NOTE: Range of values omitted from display
1	0.0%	.02569938909113	.02569938909113
2	0.0%	.02969093093161	.02969093093161
1	0.0%	.03861999540262	.03861999540262

8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb16y5</b>		Num 8	IGP scope in Discrete math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
46	0.5%	0	0
1	0.0%	.00115201215593	.00115201215593
1	0.0%	.00140483636727	.00140483636727
2	0.0%	.00162151537299	.00162151537299
2	0.0%	.0022726421348	.0022726421348
73	0.9%	.00262528637122-.0358476825371	NOTE: Range of values omitted from display
3	0.0%	.03632028009204	.03632028009204
1	0.0%	.03728371604005	.03728371604005
1	0.0%	.05685618136861	.05685618136861
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb17y5</b>		Num 8	IGP scope in Estimation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
1	0.0%	.00032533146152	.00032533146152
1	0.0%	.00044644703831	.00044644703831
1	0.0%	.0007717987696	.0007717987696
2	0.0%	.00079301717276	.00079301717276
72	0.9%	.00105116072049-.02013216330165	NOTE: Range of values omitted from display
1	0.0%	.0234249702776	.0234249702776
4	0.0%	.03154329979697	.03154329979697
1	0.0%	.0424984421962	.0424984421962
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb18y5</b>		Num 8	IGP scope in Measurement, year 5
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
38	0.5%	0	0
2	0.0%	.00007621983339	.00007621983339
14	0.2%	.00015243966679	.00015243966679
1	0.0%	.0002305075226	.0002305075226
1	0.0%	.00027152675629	.00027152675629
71	0.8%	.0004610150452-.02601143162544	NOTE: Range of values omitted from display
1	0.0%	.03478061040136	.03478061040136
1	0.0%	.04807215814297	.04807215814297
1	0.0%	.12417708863176	.12417708863176
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etmb19y5			
		Num 8	IGP scope in Perimeter, area, and volume, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	0	0
1	0.0%	.00049086605874	.00049086605874
1	0.0%	.00099292120944	.00099292120944
6	0.1%	.00146742201845	.00146742201845
1	0.0%	.00154517844914	.00154517844914
101	1.2%	.00187777579332-.06780920592655	NOTE: Range of values omitted from display
2	0.0%	.06929178723319	.06929178723319
2	0.0%	.07178826646712	.07178826646712
1	0.0%	.08367594141326	.08367594141326
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etmb20y5			
		Num 8	IGP scope in Probability- proportionality concepts Y5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
30	0.4%	0	0
1	0.0%	.00035688475773	.00035688475773

1	0.0%	.00162208205478	.00162208205478
3	0.0%	.00186612692249	.00186612692249
1	0.0%	.00245900524306	.00245900524306
91	1.1%	.00264135232056-.0252643397621	NOTE: Range of values omitted from display
1	0.0%	.05219732668584	.05219732668584
1	0.0%	.07840670475459	.07840670475459
1	0.0%	.09676327358284	.09676327358284
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb21y5</b>		Num 8	IGP scope in Probability- proportionality problems, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
28	0.3%	0	0
6	0.1%	.00031173840598	.00031173840598
1	0.0%	.00173373179394	.00173373179394
2	0.0%	.00182833145011	.00182833145011
2	0.0%	.00346746358789	.00346746358789
88	1.0%	.00365666290023-.03127143134925	NOTE: Range of values omitted from display
1	0.0%	.03139798965843	.03139798965843
1	0.0%	.03636855379716	.03636855379716
1	0.0%	.0418594438376	.0418594438376
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb22y5</b>		Num 8	IGP scope in Probability- linear interpolation and extrapolation, year 5
Frequency	Percent	Value	Label
99	1.2%	0	0
2	0.0%	.00020559471581	.00020559471581
14	0.2%	.00041118943163	.00041118943163
4	0.0%	.00070229717715	.00070229717715
1	0.0%	.00098173211748	.00098173211748
4	0.0%	.0014045943543	.0014045943543



2	0.0%	.00281729532317	.00281729532317
1	0.0%	.00464546489216	.00464546489216
3	0.0%	.00929092978433	.00929092978433
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb23y5</b>		Num 8	IGP scope in Trigonometry, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
24	0.3%	0	0
2	0.0%	.00163940183846	.00163940183846
2	0.0%	.005247310407	.005247310407
1	0.0%	.00600052094139	.00600052094139
3	0.0%	.00674667997422	.00674667997422
89	1.1%	.00827991986325-.13846552446334	NOTE: Range of values omitted from display
7	0.1%	.14208361431756	.14208361431756
1	0.0%	.17275674130275	.17275674130275
1	0.0%	.24373886991876	.24373886991876
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb24y5</b>		Num 8	IGP scope in Statistics- data representation and analysis Y5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
1	0.0%	.00042386081714	.00042386081714
1	0.0%	.00045950681835	.00045950681835
1	0.0%	.00178657820924	.00178657820924
3	0.0%	.00208073476939	.00208073476939
101	1.2%	.00231505683432-.08409768955698	NOTE: Range of values omitted from display
1	0.0%	.08592707072454	.08592707072454
2	0.0%	.08834366444968	.08834366444968
2	0.0%	.12582463659991	.12582463659991
8210	97.7%	9991	Student did not take course in specified subject in given year

65	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmb25y5</b>			
		Num 8	IGP scope in Statistics- uncertainty and probability, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
2	0.0%	.00114244634721	.00114244634721
6	0.1%	.00227702804715	.00227702804715
5	0.1%	.00437013347899	.00437013347899
2	0.0%	.0069658834282	.0069658834282
92	1.1%	.00879689960972-.09665170466642	NOTE: Range of values omitted from display
2	0.0%	.10589072706712	.10589072706712
1	0.0%	.10650484194948	.10650484194948
2	0.0%	.15136061076821	.15136061076821
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb26y5</b>			
		Num 8	IGP scope in Calculus- infinite process, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
60	0.7%	0	0
1	0.0%	.0006605452717	.0006605452717
14	0.2%	.00132109054341	.00132109054341
1	0.0%	.00154024228219	.00154024228219
1	0.0%	.00559397471371	.00559397471371
44	0.5%	.01227466403464-.19123375104901	NOTE: Range of values omitted from display
6	0.1%	.21353254279998	.21353254279998
2	0.0%	.24346337340187	.24346337340187
1	0.0%	.31856517804064	.31856517804064
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb27y5</b>			
		Num 8	IGP scope in Calculus- change, year 5 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
59	0.7%	0	0
1	0.0%	.001091847945	.001091847945
3	0.0%	.00218369589	.00218369589
1	0.0%	.00375045316823	.00375045316823
3	0.0%	.00382187992261	.00382187992261
54	0.6%	.00684965947801-.46894155550399	NOTE: Range of values omitted from display
6	0.1%	.6066905435733601	.6066905435733601
2	0.0%	.73116957628517	.73116957628517
1	0.0%	1.15560696818487	1.15560696818487
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb28y5</b>		Num 8	IGP scope in Validation and structuring, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
50	0.6%	0	0
2	0.0%	.00030073635074	.00030073635074
6	0.1%	.00071469986208	.00071469986208
1	0.0%	.00107357763718	.00107357763718
2	0.0%	.00177333145926	.00177333145926
62	0.7%	.00202048785935-.08464511166781	NOTE: Range of values omitted from display
2	0.0%	.12752302277272	.12752302277272
2	0.0%	.14278158841285	.14278158841285
3	0.0%	.16218964830899	.16218964830899
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmb29y5</b>		Num 8	IGP scope in other topics, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	0	0
3	0.0%	.00114027453706	.00114027453706
1	0.0%	.00152054394065	.00152054394065

2	0.0%	.00175047268904	.00175047268904
1	0.0%	.00190081334423	.00190081334423
95	1.1%	.00265112631971-.11798788571197	NOTE: Range of values omitted from display
1	0.0%	.13443311691779	.13443311691779
1	0.0%	.14904691201845	.14904691201845
1	0.0%	.24205220405796	.24205220405796
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc1y5</b>		Num 8	PE scope in Algebra- pre-equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
27	0.3%	0	0
1	0.0%	.00025370618499	.00025370618499
1	0.0%	.00058217103736	.00058217103736
1	0.0%	.00079535368908	.00079535368908
2	0.0%	.00093797839833	.00093797839833
80	1.0%	.00094012777683-.06839241251145	NOTE: Range of values omitted from display
3	0.0%	.09602592878928	.09602592878928
14	0.2%	.10931024500387	.10931024500387
1	0.0%	.12464456438267	.12464456438267
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc2y5</b>		Num 8	PE scope in Algebra- basic equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	0	0
5	0.1%	.00314702242225	.00314702242225
1	0.0%	.00471677624245	.00471677624245
6	0.1%	.00632460724272	.00632460724272
2	0.0%	.00679911991225	.00679911991225
98	1.2%	.0080737350969-.28890244722122	NOTE: Range of values omitted from display
3	0.0%	.30676212403634	.30676212403634

4	0.0%	.32513522018552	.32513522018552
2	0.0%	.34540280370515	.34540280370515
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc3y5</b>		Num 8	PE scope in Algebra- advanced equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	0	0
1	0.0%	.00163850482356	.00163850482356
2	0.0%	.00239182097394	.00239182097394
1	0.0%	.00615138518994	.00615138518994
5	0.1%	.00777537956694	.00777537956694
103	1.2%	.0099686921662-.3265333187793	NOTE: Range of values omitted from display
1	0.0%	.36958044475231	.36958044475231
7	0.1%	.38252909348281	.38252909348281
1	0.0%	.48261472345026	.48261472345026
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc4y5</b>		Num 8	PE scope in Algebra- number patterns, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
68	0.8%	0	0
2	0.0%	.00047006388841	.00047006388841
1	0.0%	.00141213722135	.00141213722135
1	0.0%	.00196645339967	.00196645339967
4	0.0%	.00259032101032	.00259032101032
48	0.6%	.00282427444271-.02084839580858	NOTE: Range of values omitted from display
1	0.0%	.02332508136075	.02332508136075
4	0.0%	.02489305516033	.02489305516033
1	0.0%	.02586123100964	.02586123100964
8210	97.7%	9991	Student did not take course in specified subject in given year

65	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmc5y5</b>			
		Num 8	PE scope in Algebra- basic function, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
2	0.0%	.00010189563376	.00010189563376
1	0.0%	.00020379126753	.00020379126753
1	0.0%	.00292977061548	.00292977061548
2	0.0%	.00332234774572	.00332234774572
101	1.2%	.00410596182562-.09049055247567	NOTE: Range of values omitted from display
1	0.0%	.10984923887854	.10984923887854
2	0.0%	.1295737897846	.1295737897846
2	0.0%	.19051875197408	.19051875197408
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc6y5</b>			
		Num 8	PE scope in Algebra- advanced function, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
3	0.0%	.00035576768357	.00035576768357
3	0.0%	.00118215120143	.00118215120143
2	0.0%	.00169977997806	.00169977997806
1	0.0%	.00171208989514	.00171208989514
65	0.8%	.00207649455224-.05025699464963	NOTE: Range of values omitted from display
2	0.0%	.05216171851671	.05216171851671
6	0.1%	.06468614997066	.06468614997066
1	0.0%	.12153930371421	.12153930371421
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc7y5</b>			
		Num 8	PE scope in Algebra- basic number, year 5 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
47	0.6%	0	0
1	0.0%	.0008778737331	.0008778737331
2	0.0%	.00098318067429	.00098318067429
2	0.0%	.00166906931286	.00166906931286
7	0.1%	.0017557474662	.0017557474662
68	0.8%	.00238873282255-.04427008175632	NOTE: Range of values omitted from display
1	0.0%	.04455950060169	.04455950060169
1	0.0%	.05658228864453	.05658228864453
1	0.0%	.08317415461774	.08317415461774
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc8y5</b>		Num 8	PE scope in Algebra- advanced number, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	0	0
5	0.1%	.00176485942454	.00176485942454
1	0.0%	.00254098068032	.00254098068032
2	0.0%	.00301500493232	.00301500493232
1	0.0%	.00520803518946	.00520803518946
103	1.2%	.0068552433301-.10624350078556	NOTE: Range of values omitted from display
1	0.0%	.11266114095524	.11266114095524
1	0.0%	.15263665736744	.15263665736744
1	0.0%	.18213508331513	.18213508331513
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc9y5</b>		Num 8	PE scope in Geometry- 2-D, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00453325652588	.00453325652588
2	0.0%	.00453684215098	.00453684215098

4	0.0%	.00793569045773	.00793569045773
7	0.1%	.01009252077987	.01009252077987
98	1.2%	.01200312272685-.51093464526684	NOTE: Range of values omitted from display
10	0.1%	.56149330830449	.56149330830449
2	0.0%	.61477466679334	.61477466679334
1	0.0%	.61606682741854	.61606682741854
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc10y5</b>		Num 8	PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
50	0.6%	0	0
1	0.0%	.00049330981813	.00049330981813
1	0.0%	.00263554656904	.00263554656904
1	0.0%	.00354294107855	.00354294107855
1	0.0%	.00403188042206	.00403188042206
72	0.9%	.00502496607646-.09018746902076	NOTE: Range of values omitted from display
1	0.0%	.09690815850213	.09690815850213
1	0.0%	.10982432061916	.10982432061916
2	0.0%	.12748073174692	.12748073174692
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc11y5</b>		Num 8	PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00280870596004	.00280870596004
1	0.0%	.00281939864414	.00281939864414
1	0.0%	.00523596018976	.00523596018976
7	0.1%	.00615959380947	.00615959380947
111	1.3%	.01601589622426-.13592005711869	NOTE: Range of values omitted from display



1	0.0%	.15490558629381	.15490558629381
2	0.0%	.20417818400372	.20417818400372
1	0.0%	.21820857639677	.21820857639677
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc12y5</b>		Num 8	PE scope in Geometry- transformation, congruence and similarity, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
4	0.0%	.00074160519723	.00074160519723
3	0.0%	.00134488410167	.00134488410167
1	0.0%	.00218454908003	.00218454908003
1	0.0%	.0027903561925	.0027903561925
85	1.0%	.00337398753354-.16299157928105	NOTE: Range of values omitted from display
10	0.1%	.17338260362224	.17338260362224
1	0.0%	.19920788025101	.19920788025101
5	0.1%	.20003387460635	.20003387460635
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc13y5</b>		Num 8	PE scope in Numbers and arithmetic- whole numbers, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
43	0.5%	0	0
1	0.0%	.00112622862537	.00112622862537
1	0.0%	.00122507932146	.00122507932146
4	0.0%	.00202423409208	.00202423409208
2	0.0%	.00209362323868	.00209362323868
76	0.9%	.00216301238528-.07041613983756	NOTE: Range of values omitted from display
1	0.0%	.07271427652104	.07271427652104
1	0.0%	.08371845690968	.08371845690968
1	0.0%	.20913990766746	.20913990766746

8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etmc14y5		Num 8	PE scope in Fractions, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
3	0.0%	.00040126227226	.00040126227226
1	0.0%	.0013586084502	.0013586084502
2	0.0%	.00179031606025	.00179031606025
1	0.0%	.00200612838344	.00200612838344
94	1.1%	.00208489809764-.43536598979299	NOTE: Range of values omitted from display
1	0.0%	.57791704795692	.57791704795692
1	0.0%	.62952114791753	.62952114791753
1	0.0%	.80338371256541	.80338371256541
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etmc15y5		Num 8	PE scope in Number theory, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
79	0.9%	0	0
2	0.0%	.0003269661434	.0003269661434
1	0.0%	.00033636880008	.00033636880008
1	0.0%	.0004904492151	.0004904492151
1	0.0%	.0009808984302	.0009808984302
40	0.5%	.00179741439705-.0175148511776	NOTE: Range of values omitted from display
3	0.0%	.01802123831527	.01802123831527
2	0.0%	.02193687057282	.02193687057282
1	0.0%	.02356182085392	.02356182085392
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etmc16y5		Num 8	PE scope in Discrete math, year 5
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
46	0.5%	0	0	
1	0.0%	.00041041296933	.00041041296933	
2	0.0%	.00056105882453	.00056105882453	
1	0.0%	.00057518816513	.00057518816513	
2	0.0%	.00076156292228	.00076156292228	
72	0.9%	.00105910291601-.02920948918147	NOTE: Range of values omitted from display	
1	0.0%	.02937926525774	.02937926525774	
3	0.0%	.03575411156524	.03575411156524	
2	0.0%	.04371838955336	.04371838955336	
8210	97.7%	9991	Student did not take course in specified subject in given year	
65	0.8%	9992	Student took course, but curriculum information not available for this course	

<b>etmc17y5</b>				Num 8	PE scope in Estimation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
47	0.6%	0	0		
1	0.0%	.00039925341744	.00039925341744		
1	0.0%	.00041493069006	.00041493069006		
1	0.0%	.00091267703713	.00091267703713		
2	0.0%	.00107585041276	.00107585041276		
75	0.9%	.00150750246616-.02658356979268	NOTE: Range of values omitted from display		
1	0.0%	.02665072545296	.02665072545296		
1	0.0%	.05530757948344	.05530757948344		
1	0.0%	.06920682424373	.06920682424373		
8210	97.7%	9991	Student did not take course in specified subject in given year		
65	0.8%	9992	Student took course, but curriculum information not available for this course		

<b>etmc18y5</b>				Num 8	PE scope in Measurement, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
38	0.5%	0	0		
2	0.0%	.00009815992532	.00009815992532		

14	0.2%	.00019631985064	.00019631985064
1	0.0%	.00043616995663	.00043616995663
1	0.0%	.00050989806328	.00050989806328
71	0.8%	.00087233991327-.05024256135162	NOTE: Range of values omitted from display
1	0.0%	.06362351625542	.06362351625542
1	0.0%	.07480096108823	.07480096108823
1	0.0%	.26233406034681	.26233406034681
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc19y5</b>		Num 8	PE scope in Perimeter, area, and volume, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	0	0
6	0.1%	.00100767672149	.00100767672149
1	0.0%	.00123919053201	.00123919053201
1	0.0%	.00154401441666	.00154401441666
1	0.0%	.00154542804508	.00154542804508
91	1.1%	.00255795585548-.10357438286256	NOTE: Range of values omitted from display
3	0.0%	.13448841016728	.13448841016728
10	0.1%	.13871336533343	.13871336533343
2	0.0%	.15910401934044	.15910401934044
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc20y5</b>		Num 8	PE scope in Probability- proportionality concepts Y5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
30	0.4%	0	0
1	0.0%	.00094919026697	.00094919026697
3	0.0%	.00127308590924	.00127308590924
1	0.0%	.00146118408089	.00146118408089
3	0.0%	.00148830883512	.00148830883512
89	1.1%	.00204617063589-.03503170605663	NOTE: Range of values omitted from display

1	0.0%	.07725983618161	.07725983618161
1	0.0%	.13232343630817	.13232343630817
1	0.0%	.16872493477735	.16872493477735
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc21y5</b>		Num 8	PE scope in Probability- proportionality problems, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
28	0.3%	0	0
6	0.1%	.00025112097936	.00025112097936
2	0.0%	.00263461231919	.00263461231919
1	0.0%	.00342542027033	.00342542027033
1	0.0%	.00369066886383	.00369066886383
80	1.0%	.00507915626512-.04173453930032	NOTE: Range of values omitted from display
1	0.0%	.04322768514614	.04322768514614
1	0.0%	.04733696829701	.04733696829701
10	0.1%	.05775448026765	.05775448026765
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc22y5</b>		Num 8	PE scope in Probability- linear interpolation and extrapolation, year 5
Frequency	Percent	Value	Label
99	1.2%	0	0
2	0.0%	.00017651715266	.00017651715266
14	0.2%	.00035303430533	.00035303430533
4	0.0%	.00061566566855	.00061566566855
4	0.0%	.00123133133711	.00123133133711
2	0.0%	.0014069675975	.0014069675975
1	0.0%	.00214516110276	.00214516110276
1	0.0%	.00223246325268	.00223246325268
3	0.0%	.00446492650537	.00446492650537
8210	97.7%	9991	Student did not take course in specified subject in given year

65	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmc23y5</b>			
		Num 8	PE scope in Trigonometry, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
24	0.3%	0	0
2	0.0%	.00186792552006	.00186792552006
1	0.0%	.00428812092802	.00428812092802
4	0.0%	.00725289882892	.00725289882892
2	0.0%	.00791558717242	.00791558717242
94	1.1%	.00794596898691-.11682968085837	NOTE: Range of values omitted from display
1	0.0%	.12151155763494	.12151155763494
1	0.0%	.12161114743865	.12161114743865
1	0.0%	.26171241690865	.26171241690865
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc24y5</b>			
		Num 8	PE scope in Statistics- data representation and analysisY5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
1	0.0%	.00050865521664	.00050865521664
1	0.0%	.00050989806328	.00050989806328
3	0.0%	.00070657313189	.00070657313189
1	0.0%	.00211415446296	.00211415446296
101	1.2%	.00231315565975-.07886032805951	NOTE: Range of values omitted from display
2	0.0%	.08133753260547	.08133753260547
1	0.0%	.08830749306033	.08830749306033
2	0.0%	.10028962264639	.10028962264639
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc25y5</b>			
		Num 8	PE scope in Statistics- uncertainty and probability, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label

18	0.2%	0	0
6	0.1%	.00101469741996	.00101469741996
2	0.0%	.00120166526857	.00120166526857
2	0.0%	.00596163620311	.00596163620311
4	0.0%	.00719611305953	.00719611305953
93	1.1%	.00759430218523-.08505117663915	NOTE: Range of values omitted from display
1	0.0%	.09327849191754	.09327849191754
2	0.0%	.11056306378578	.11056306378578
2	0.0%	.13834720514731	.13834720514731
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc26y5</b>		Num 8	PE scope in Calculus- infinite process, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
60	0.7%	0	0
1	0.0%	.00025133877159	.00025133877159
14	0.2%	.00050267754319	.00050267754319
1	0.0%	.00057518816513	.00057518816513
3	0.0%	.00527850965304	.00527850965304
46	0.5%	.00629229210542-.14746126401504	NOTE: Range of values omitted from display
2	0.0%	.17730417988194	.17730417988194
2	0.0%	.21764845432701	.21764845432701
1	0.0%	.34080957012509	.34080957012509
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc27y5</b>		Num 8	PE scope in Calculus- change, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
59	0.7%	0	0
3	0.0%	.00121498873481	.00121498873481
1	0.0%	.00200281981049	.00200281981049
1	0.0%	.0020974307018	.0020974307018

3	0.0%	.00400563962099	.00400563962099
59	0.7%	.00561767181174-.32595944090821	NOTE: Range of values omitted from display
1	0.0%	.40008163944999	.40008163944999
2	0.0%	.76116149291721	.76116149291721
1	0.0%	1.24366655239323	1.24366655239323
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc28y5</b>		Num 8	PE scope in Validation and structuring, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
50	0.6%	0	0
6	0.1%	.00034811382941	.00034811382941
2	0.0%	.00075094417225	.00075094417225
1	0.0%	.00145506473128	.00145506473128
1	0.0%	.00207225680826	.00207225680826
63	0.7%	.00216301238528-.07997100899165	NOTE: Range of values omitted from display
2	0.0%	.08175632359136	.08175632359136
3	0.0%	.1337711772797	.1337711772797
2	0.0%	.14098295925789	.14098295925789
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmc29y5</b>		Num 8	PE scope in other topics, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	0	0
3	0.0%	.0005624003386	.0005624003386
2	0.0%	.00080108826704	.00080108826704
1	0.0%	.00084318758741	.00084318758741
1	0.0%	.00112397483622	.00112397483622
95	1.1%	.00160217653408-.10536955111838	NOTE: Range of values omitted from display
1	0.0%	.12969902727888	.12969902727888
1	0.0%	.22126068424236	.22126068424236



1	0.0%	.24429291088415	.24429291088415
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd1y5</b>		Num 8	IGP*PE scope in Algebra- pre-equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
27	0.3%	0	0
1	0.0%	.00025172096721	.00025172096721
1	0.0%	.00049572231705	.00049572231705
2	0.0%	.00069638340786	.00069638340786
1	0.0%	.00069854003962	.00069854003962
80	1.0%	.00076961820514-.05863911600794	NOTE: Range of values omitted from display
3	0.0%	.08863588260258	.08863588260258
14	0.2%	.09232788359769	.09232788359769
1	0.0%	.10339675172324	.10339675172324
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd2y5</b>		Num 8	IGP*PE scope in Algebra- basic equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	0	0
5	0.1%	.00417204745095	.00417204745095
1	0.0%	.00459261992504	.00459261992504
6	0.1%	.00581644476918	.00581644476918
2	0.0%	.00677555653204	.00677555653204
98	1.2%	.00881422475804-.29542810983116	NOTE: Range of values omitted from display
4	0.0%	.32254847062186	.32254847062186
3	0.0%	.32595871585235	.32595871585235
2	0.0%	.38618395708665	.38618395708665
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd3y5</b>		Num 8	IGP*PE scope in Algebra- advanced equation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	0	0
1	0.0%	.00203785910335	.00203785910335
2	0.0%	.00254679274337	.00254679274337
1	0.0%	.00612189071094	.00612189071094
5	0.1%	.0087363555913	.0087363555913
103	1.2%	.0102292347809-.37379824041894	NOTE: Range of values omitted from display
1	0.0%	.40283853419837	.40283853419837
7	0.1%	.4228634331997	.4228634331997
1	0.0%	.50465817263349	.50465817263349
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd4y5</b>		Num 8	IGP*PE scope in Algebra- number patterns, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
68	0.8%	0	0
2	0.0%	.00072189153406	.00072189153406
1	0.0%	.0018820453092	.0018820453092
1	0.0%	.00216620600484	.00216620600484
3	0.0%	.00355506153024	.00355506153024
49	0.6%	.00362997891125-.02558299888322	NOTE: Range of values omitted from display
4	0.0%	.03048479662579	.03048479662579
1	0.0%	.03128600621008	.03128600621008
1	0.0%	.03359223039804	.03359223039804
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd5y5</b>		Num 8	IGP*PE scope in Algebra- basic function, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0

2	0.0%	.00009829520552	.00009829520552
1	0.0%	.00019659041105	.00019659041105
2	0.0%	.00294268575678	.00294268575678
1	0.0%	.00342083594687	.00342083594687
101	1.2%	.00374271882502-.10361451651635	NOTE: Range of values omitted from display
1	0.0%	.11046085075546	.11046085075546
2	0.0%	.14584555985962	.14584555985962
2	0.0%	.20753111378072	.20753111378072
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd6y5</b>		Num 8	IGP*PE scope in Algebra- advanced function, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
3	0.0%	.00051864435794	.00051864435794
3	0.0%	.00102727166381	.00102727166381
2	0.0%	.0017373221877	.0017373221877
1	0.0%	.00233577678654	.00233577678654
65	0.8%	.00258659710649-.05789812245036	NOTE: Range of values omitted from display
2	0.0%	.06197448473538	.06197448473538
6	0.1%	.07556419150664	.07556419150664
1	0.0%	.14449325155923	.14449325155923
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd7y5</b>		Num 8	IGP*PE scope in Algebra- basic number, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
1	0.0%	.00066920613912	.00066920613912
2	0.0%	.00132289030729	.00132289030729
7	0.1%	.00133841227824	.00133841227824
2	0.0%	.00173338710381	.00173338710381

68	0.8%	.00227341103601-.04620973622279	NOTE: Range of values omitted from display
1	0.0%	.04968363753653	.04968363753653
1	0.0%	.05158486828862	.05158486828862
1	0.0%	.08367658136452	.08367658136452
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd8y5</b>		Num 8	IGP*PE scope in Algebra- advanced number, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	0	0
5	0.1%	.00173604177273	.00173604177273
2	0.0%	.00290165912244	.00290165912244
1	0.0%	.00379703575429	.00379703575429
1	0.0%	.00544046001311	.00544046001311
101	1.2%	.00662252790985-.11199381253492	NOTE: Range of values omitted from display
3	0.0%	.11814813869143	.11814813869143
1	0.0%	.15931875988273	.15931875988273
1	0.0%	.2657416442473	.2657416442473
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd9y5</b>		Num 8	IGP*PE scope in Geometry- 2-D, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00312336968742	.00312336968742
2	0.0%	.00344401056328	.00344401056328
4	0.0%	.00704870591511	.00704870591511
7	0.1%	.00873352471675	.00873352471675
98	1.2%	.00998954879984-.43381907764132	NOTE: Range of values omitted from display
10	0.1%	.45836725333576	.45836725333576
1	0.0%	.50642136458858	.50642136458858
2	0.0%	.5451438607352	.5451438607352

8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd10y5</b>		Num 8	IGP*PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
50	0.6%	0	0
1	0.0%	.00048859904961	.00048859904961
1	0.0%	.00282002304566	.00282002304566
1	0.0%	.00353475963919	.00353475963919
1	0.0%	.0040013232932	.0040013232932
71	0.8%	.00417424867282-.08372649317043	NOTE: Range of values omitted from display
2	0.0%	.0860378272508	.0860378272508
2	0.0%	.10547011160789	.10547011160789
1	0.0%	.12601931754058	.12601931754058
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd11y5</b>		Num 8	IGP*PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00243488613986	.00243488613986
1	0.0%	.00405170975047	.00405170975047
7	0.1%	.00652149910687	.00652149910687
1	0.0%	.00704177539887	.00704177539887
111	1.3%	.01345191803369-.1414335534392	NOTE: Range of values omitted from display
1	0.0%	.15627645924742	.15627645924742
2	0.0%	.19938111346979	.19938111346979
1	0.0%	.21599192419083	.21599192419083
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd12y5</b>		Num 8	IGP*PE scope in Geometry- transformation, congruence and similarity, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
4	0.0%	.00052996068535	.00052996068535
3	0.0%	.00177130878049	.00177130878049
1	0.0%	.00220138292933	.00220138292933
1	0.0%	.00225094986137	.00225094986137
94	1.1%	.00341657613731-.1375762939767	NOTE: Range of values omitted from display
1	0.0%	.1484625546015	.1484625546015
1	0.0%	.16056467092768	.16056467092768
5	0.1%	.17130190502201	.17130190502201
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd13y5</b>		Num 8	IGP*PE scope in Numbers and arithmetic- whole numbers, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
43	0.5%	0	0
1	0.0%	.00015080801868	.00015080801868
3	0.0%	.00029636687377	.00029636687377
7	0.1%	.00059484990144	.00059484990144
2	0.0%	.000776772177	.000776772177
71	0.8%	.00082127961481-.03360100174706	NOTE: Range of values omitted from display
1	0.0%	.04239656875276	.04239656875276
1	0.0%	.04927441175108	.04927441175108
1	0.0%	.10641109917621	.10641109917621
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd14y5</b>		Num 8	IGP*PE scope in Fractions, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0

3	0.0%	.00024161687285	.00024161687285
2	0.0%	.00104324084506	.00104324084506
1	0.0%	.00138017796471	.00138017796471
1	0.0%	.00141336713766	.00141336713766
94	1.1%	.00141874007578-.40069882212782	NOTE: Range of values omitted from display
1	0.0%	.48138756489599	.48138756489599
1	0.0%	.50966824567147	.50966824567147
1	0.0%	.6555860865740401	.6555860865740401
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd15y5</b>		Num 8	IGP*PE scope in Number theory, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
79	0.9%	0	0
2	0.0%	.0002481745237	.0002481745237
1	0.0%	.00029981858468	.00029981858468
1	0.0%	.00037226178555	.00037226178555
1	0.0%	.00074452357111	.00074452357111
42	0.5%	.00162001107733-.01593172194405	NOTE: Range of values omitted from display
1	0.0%	.01648520760137	.01648520760137
2	0.0%	.01734568767455	.01734568767455
1	0.0%	.0305143600618	.0305143600618
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd16y5</b>		Num 8	IGP*PE scope in Discrete math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
46	0.5%	0	0
1	0.0%	.00060853024615	.00060853024615
2	0.0%	.00078676176757	.00078676176757
1	0.0%	.00084584024291	.00084584024291
2	0.0%	.00104017882955	.00104017882955

72	0.9%	.00137026105845-.03576780102983	NOTE: Range of values omitted from display
1	0.0%	.04319943566322	.04319943566322
3	0.0%	.04402113541556	.04402113541556
2	0.0%	.05502373226436	.05502373226436
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd17y5</b>		Num 8	IGP*PE scope in Estimation, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.6%	0	0
1	0.0%	.00026880203284	.00026880203284
1	0.0%	.00042723827801	.00042723827801
2	0.0%	.00049742889802	.00049742889802
2	0.0%	.00062869280986	.00062869280986
74	0.9%	.00090746479778-.02242529944059	NOTE: Range of values omitted from display
1	0.0%	.0280387011225	.0280387011225
1	0.0%	.0402978911482	.0402978911482
1	0.0%	.05776495545095	.05776495545095
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd18y5</b>		Num 8	IGP*PE scope in Measurement, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
38	0.5%	0	0
2	0.0%	.00003978273407	.00003978273407
14	0.2%	.00007956546815	.00007956546815
1	0.0%	.00020963794087	.00020963794087
1	0.0%	.00030091731477	.00030091731477
71	0.8%	.00060183462955-.03429946431679	NOTE: Range of values omitted from display
1	0.0%	.04496117705077	.04496117705077
1	0.0%	.04859922782947	.04859922782947
1	0.0%	.17009845574975	.17009845574975



8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etmd19y5		Num 8	IGP*PE scope in Perimeter, area, and volume, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
15	0.2%	0	0
6	0.1%	.00086026302198	.00086026302198
1	0.0%	.00087452387992	.00087452387992
1	0.0%	.00103670084553	.00103670084553
1	0.0%	.00105012277704	.00105012277704
92	1.1%	.0011426237931-.08148407092084	NOTE: Range of values omitted from display
2	0.0%	.08398447496946	.08398447496946
10	0.1%	.08559519903861	.08559519903861
2	0.0%	.09963492188813	.09963492188813
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etmd20y5		Num 8	IGP*PE scope in Probability- proportionality conceptsY5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
30	0.4%	0	0
1	0.0%	.00064013844697	.00064013844697
1	0.0%	.00096789464571	.00096789464571
3	0.0%	.0011030241806	.0011030241806
3	0.0%	.00120333576813	.00120333576813
89	1.1%	.00167176315743-.02590373973394	NOTE: Range of values omitted from display
1	0.0%	.06629564316774	.06629564316774
1	0.0%	.10966589164049	.10966589164049
1	0.0%	.13520810371386	.13520810371386
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

etmd21y5		Num 8	IGP*PE scope in Probability- proportionality problems, year 5
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
28	0.3%	0	0	
6	0.1%	.00018275384983	.00018275384983	
2	0.0%	.00190095431675	.00190095431675	
1	0.0%	.00226330971797	.00226330971797	
1	0.0%	.00256151885033	.00256151885033	
80	1.0%	.0038019086335-.03582817676253	NOTE: Range of values omitted from display	
1	0.0%	.03731276946842	.03731276946842	
1	0.0%	.03970220034415	.03970220034415	
10	0.1%	.04346497464275	.04346497464275	
8210	97.7%	9991	Student did not take course in specified subject in given year	
65	0.8%	9992	Student took course, but curriculum information not available for this course	

<b>etmd22y5</b>		Num 8	IGP*PE scope in Probability- linear interpolation and extrapolation, year 5	
Frequency	Percent	Value	Label	
99	1.2%	0	0	
2	0.0%	.00021461920192	.00021461920192	
14	0.2%	.00042923840385	.00042923840385	
4	0.0%	.00054184018526	.00054184018526	
4	0.0%	.00108368037052	.00108368037052	
2	0.0%	.00150883071703	.00150883071703	
1	0.0%	.00171393568965	.00171393568965	
1	0.0%	.00274582615172	.00274582615172	
3	0.0%	.00549165230344	.00549165230344	
8210	97.7%	9991	Student did not take course in specified subject in given year	
65	0.8%	9992	Student took course, but curriculum information not available for this course	

<b>etmd23y5</b>		Num 8	IGP*PE scope in Trigonometry, year 5 NOTE: Smallest 5 and largest 5 values are displayed.	
Frequency	Percent	Value	Label	
24	0.3%	0	0	
2	0.0%	.00200316155596	.00200316155596	
1	0.0%	.00489406787532	.00489406787532	

1	0.0%	.00694689720086	.00694689720086
2	0.0%	.00799803312332	.00799803312332
97	1.2%	.00804434335361-.12442522953817	NOTE: Range of values omitted from display
1	0.0%	.13854117466788	.13854117466788
1	0.0%	.15577912099198	.15577912099198
1	0.0%	.27741125622723	.27741125622723
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd24y5</b>		Num 8	IGP*PE scope in Statistics- data representation and analysis, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
1	0.0%	.00058851279806	.00058851279806
1	0.0%	.00070954379988	.00070954379988
3	0.0%	.00094793206969	.00094793206969
1	0.0%	.0015498519987	.0015498519987
102	1.2%	.00311797041324-.07067960586716	NOTE: Range of values omitted from display
1	0.0%	.08077330604595	.08077330604595
1	0.0%	.09018068914454	.09018068914454
2	0.0%	.09883262212522	.09883262212522
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd25y5</b>		Num 8	IGP*PE scope in Statistics- uncertainty and probability, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
2	0.0%	.00053895531037	.00053895531037
6	0.1%	.00133488730873	.00133488730873
2	0.0%	.00807530818668	.00807530818668
4	0.0%	.00964132832075	.00964132832075
93	1.1%	.00981459779149-.10323522634613	NOTE: Range of values omitted from display
1	0.0%	.11953990129144	.11953990129144

2	0.0%	.13930230370223	.13930230370223
2	0.0%	.16151816596978	.16151816596978
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd26y5</b>		Num 8	IGP*PE scope in Calculus- infinite process, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
60	0.7%	0	0
1	0.0%	.00034476980229	.00034476980229
14	0.2%	.00068953960458	.00068953960458
1	0.0%	.00092736701331	.00092736701331
3	0.0%	.00736053405912	.00736053405912
46	0.5%	.00849786991519-.18352611982773	NOTE: Range of values omitted from display
2	0.0%	.21821307997096	.21821307997096
2	0.0%	.26074380287327	.26074380287327
1	0.0%	.39692247268852	.39692247268852
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd27y5</b>		Num 8	IGP*PE scope in Calculus- change, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
59	0.7%	0	0
1	0.0%	.00141980498475	.00141980498475
3	0.0%	.0017411553834	.0017411553834
1	0.0%	.00238656817561	.00238656817561
3	0.0%	.00283960996951	.00283960996951
59	0.7%	.00811324025702-.38306740575191	NOTE: Range of values omitted from display
1	0.0%	.44833283815465	.44833283815465
2	0.0%	.8432034185863601	.8432034185863601
1	0.0%	1.4263370265434	1.4263370265434
8210	97.7%	9991	Student did not take course in specified subject in given year

65	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etmd28y5</b>			
		Num 8	IGP*PE scope in Validation and structuring, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
50	0.6%	0	0
6	0.1%	.00041898639616	.00041898639616
2	0.0%	.00080531181804	.00080531181804
2	0.0%	.0017431805718	.0017431805718
1	0.0%	.001873184683	.001873184683
62	0.7%	.0024666874239-.09132225385843	NOTE: Range of values omitted from display
2	0.0%	.09682056981916	.09682056981916
3	0.0%	.15566043440041	.15566043440041
2	0.0%	.17590608016186	.17590608016186
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etmd29y5</b>			
		Num 8	IGP*PE scope in other topics, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	0	0
3	0.0%	.00067398973336	.00067398973336
2	0.0%	.00069387500754	.00069387500754
1	0.0%	.00094485114922	.00094485114922
1	0.0%	.00121571256508	.00121571256508
95	1.1%	.00138775001508-.13608288965699	NOTE: Range of values omitted from display
1	0.0%	.16620734716568	.16620734716568
1	0.0%	.18328550811141	.18328550811141
1	0.0%	.18802891511567	.18802891511567
8210	97.7%	9991	Student did not take course in specified subject in given year
65	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etma1y6</b>			
		Num 8	Unweighted scope in Algebra- pre-equation, year 6
Frequency	Percent	Value	Label

5	0.1%	0	0
1	0.0%	.00279674140072	.00279674140072
1	0.0%	.00559348280145	.00559348280145
1	0.0%	.00761829951538	.00761829951538
1	0.0%	.01121709115394	.01121709115394
1	0.0%	.01356079399432	.01356079399432
1	0.0%	.01765410243898	.01765410243898
1	0.0%	.0190089206838	.0190089206838
1	0.0%	.0204790667745	.0204790667745
1	0.0%	.024031272011	.024031272011
1	0.0%	.04384435805278	.04384435805278
1	0.0%	.10045344225899	.10045344225899
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma2y6</b>		Num 8	Unweighted scope in Algebra- basic equation, year 6
Frequency	Percent	Value	Label
1	0.0%	.00810258605994	.00810258605994
1	0.0%	.03839093528731	.03839093528731
2	0.0%	.04846469537698	.04846469537698
1	0.0%	.05222193277165	.05222193277165
1	0.0%	.07364752355255	.07364752355255
1	0.0%	.08130391437824	.08130391437824
1	0.0%	.09254390365455	.09254390365455
1	0.0%	.11488704671988	.11488704671988
1	0.0%	.13670075912447	.13670075912447
1	0.0%	.1380500551673	.1380500551673
1	0.0%	.15782671798903	.15782671798903
1	0.0%	.17879203518655	.17879203518655
1	0.0%	.20777043112336	.20777043112336
1	0.0%	.30186680717015	.30186680717015
1	0.0%	.44153584624122	.44153584624122
8382	99.7%	9991	Student did not take course in specified subject in given year

7	0.1%	9992	Student took course, but curriculum information not available for this course
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<b>etma3y6</b>			
		Num 8	Unweighted scope in Algebra- advanced equation, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.01463625851966	.01463625851966
2	0.0%	.01779337716428	.01779337716428
1	0.0%	.03617949528229	.03617949528229
1	0.0%	.03891409624682	.03891409624682
1	0.0%	.04837236345361	.04837236345361
1	0.0%	.0534837715136	.0534837715136
1	0.0%	.10353448982726	.10353448982726
1	0.0%	.1261228383721	.1261228383721
1	0.0%	.20212127275139	.20212127275139
1	0.0%	.21454384181434	.21454384181434
1	0.0%	.21567263119218	.21567263119218
1	0.0%	.3361189341649	.3361189341649
1	0.0%	.5423353442017	.5423353442017
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma4y6</b>			
		Num 8	Unweighted scope in Algebra- number patterns, year 6
Frequency	Percent	Value	Label
12	0.1%	0	0
1	0.0%	.00148402155351	.00148402155351
1	0.0%	.00568371737648	.00568371737648
1	0.0%	.01040577990379	.01040577990379
1	0.0%	.01395499029394	.01395499029394
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma5y6</b>			
		Num 8	Unweighted scope in Algebra- basic function, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0

2	0.0%	.00336212068511	.00336212068511
1	0.0%	.00685349086736	.00685349086736
1	0.0%	.00985747039533	.00985747039533
1	0.0%	.0147703139039	.0147703139039
1	0.0%	.02037627032094	.02037627032094
1	0.0%	.03037617854727	.03037617854727
1	0.0%	.03056402963506	.03056402963506
1	0.0%	.03122840887744	.03122840887744
1	0.0%	.05278559606066	.05278559606066
1	0.0%	.05282893837857	.05282893837857
1	0.0%	.0728198553574	.0728198553574
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma6y6</b>			
		Num 8	Unweighted scope in Algebra- advanced function, year 6
Frequency	Percent	Value	Label
10	0.1%	0	0
1	0.0%	.00687101248023	.00687101248023
1	0.0%	.01259672960114	.01259672960114
1	0.0%	.02529468542403	.02529468542403
1	0.0%	.03401116841566	.03401116841566
1	0.0%	.03942988158133	.03942988158133
1	0.0%	.07211477558876	.07211477558876
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma7y6</b>			
		Num 8	Unweighted scope in Algebra- basic number, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00096656666972	.00096656666972
1	0.0%	.00213926767429	.00213926767429
1	0.0%	.00237888967091	.00237888967091
1	0.0%	.00713666901273	.00713666901273
1	0.0%	.00788072289372	.00788072289372



1	0.0%	.01027926541411	.01027926541411
1	0.0%	.01767379099714	.01767379099714
1	0.0%	.03083946591681	.03083946591681
1	0.0%	.04241724457773	.04241724457773
1	0.0%	.04351246251141	.04351246251141
1	0.0%	.0612588965283	.0612588965283
1	0.0%	.06146565026147	.06146565026147
1	0.0%	.08461935452456	.08461935452456
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma8y6</b>		Num 8	Unweighted scope in Algebra- advanced number, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.02096184397383	.02096184397383
1	0.0%	.02237393120583	.02237393120583
1	0.0%	.03808285059789	.03808285059789
1	0.0%	.03890182156598	.03890182156598
1	0.0%	.04779306053614	.04779306053614
1	0.0%	.05038510634789	.05038510634789
1	0.0%	.06650213374814	.06650213374814
1	0.0%	.076556676547	.076556676547
1	0.0%	.08057528555776	.08057528555776
1	0.0%	.14588218643476	.14588218643476
1	0.0%	.15751203042553	.15751203042553
1	0.0%	.15875718161167	.15875718161167
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma9y6</b>		Num 8	Unweighted scope in Geometry- 2-D, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00831724064606	.00831724064606
1	0.0%	.00980676759163	.00980676759163

1	0.0%	.01064033309186	.01064033309186
1	0.0%	.01771269553795	.01771269553795
1	0.0%	.01896654350925	.01896654350925
1	0.0%	.0270351956507	.0270351956507
1	0.0%	.03883694098639	.03883694098639
1	0.0%	.05859262990699	.05859262990699
1	0.0%	.08109354808603	.08109354808603
1	0.0%	.11330293166887	.11330293166887
1	0.0%	.14496918050797	.14496918050797
1	0.0%	.3786690578911	.3786690578911
2	0.0%	.42873725358406	.42873725358406
1	0.0%	.61021772061955	.61021772061955
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma10y6</b>		Num 8	Unweighted scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00450100838964	.00450100838964
1	0.0%	.00559348280145	.00559348280145
1	0.0%	.00647614411954	.00647614411954
1	0.0%	.00776310016396	.00776310016396
1	0.0%	.01583855923336	.01583855923336
1	0.0%	.02256369049953	.02256369049953
1	0.0%	.02283903708768	.02283903708768
1	0.0%	.04339454078182	.04339454078182
2	0.0%	.06327181970711	.06327181970711
1	0.0%	.09313597459428	.09313597459428
1	0.0%	.1329947403824	.1329947403824
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma11y6</b>		Num 8	Unweighted scope in Geometry- conic sections and their equations, and equations for lines and planes, year 6
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Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00326286496751	.00326286496751
1	0.0%	.01251859481993	.01251859481993
1	0.0%	.02378690333961	.02378690333961
1	0.0%	.02440996793986	.02440996793986
1	0.0%	.03028433960344	.03028433960344
1	0.0%	.0449106407711	.0449106407711
1	0.0%	.04773399486	.04773399486
1	0.0%	.07579225149008	.07579225149008
1	0.0%	.08398318327868	.08398318327868
1	0.0%	.08445321280034	.08445321280034
1	0.0%	.09125915417282	.09125915417282
1	0.0%	.10598314884895	.10598314884895
1	0.0%	.10977999322158	.10977999322158
2	0.0%	.12894210891182	.12894210891182
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma12y6</b>		Num 8	Unweighted scope in Geometry- transformation, congruence and similarity, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00305165497451	.00305165497451
1	0.0%	.00326286496751	.00326286496751
1	0.0%	.01246211342018	.01246211342018
1	0.0%	.01818781921534	.01818781921534
1	0.0%	.01887960129001	.01887960129001
1	0.0%	.0298007524853	.0298007524853
1	0.0%	.03167906116349	.03167906116349
1	0.0%	.03610560601154	.03610560601154
1	0.0%	.07151962752604	.07151962752604
1	0.0%	.12794119386866	.12794119386866
2	0.0%	.1664608051852	.1664608051852

1	0.0%	.17557387351782	.17557387351782
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma13y6</b>			
		Num 8	Unweighted scope in Numbers and arithmetic- whole numbers, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00052408155472	.00052408155472
1	0.0%	.00356833450636	.00356833450636
1	0.0%	.00431337896571	.00431337896571
1	0.0%	.01070500351909	.01070500351909
2	0.0%	.0122381192938	.0122381192938
1	0.0%	.01757892827099	.01757892827099
1	0.0%	.02074102514869	.02074102514869
1	0.0%	.03246470305656	.03246470305656
1	0.0%	.03466457867359	.03466457867359
1	0.0%	.04021045835219	.04021045835219
1	0.0%	.05826544584854	.05826544584854
1	0.0%	.10242281251113	.10242281251113
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma14y6</b>			
		Num 8	Unweighted scope in Fractions, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00264785318398	.00264785318398
2	0.0%	.00390005999472	.00390005999472
1	0.0%	.00586754027259	.00586754027259
1	0.0%	.00720585106544	.00720585106544
1	0.0%	.00961748721922	.00961748721922
1	0.0%	.01109521476921	.01109521476921
1	0.0%	.02744315477288	.02744315477288
1	0.0%	.03105625614152	.03105625614152
1	0.0%	.07292088416803	.07292088416803

1	0.0%	.08489057040444	.08489057040444
1	0.0%	.09539514707884	.09539514707884
1	0.0%	.13284521653467	.13284521653467
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma15y6</b>		Num 8	Unweighted scope in Number theory, year 6
Frequency	Percent	Value	Label
8	0.1%	0	0
1	0.0%	.00051905593226	.00051905593226
1	0.0%	.0037308125186	.0037308125186
1	0.0%	.00590229993267	.00590229993267
1	0.0%	.01035676546383	.01035676546383
1	0.0%	.011933498715	.011933498715
1	0.0%	.01335007702465	.01335007702465
1	0.0%	.01817881910474	.01817881910474
1	0.0%	.03634164314466	.03634164314466
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma16y6</b>		Num 8	Unweighted scope in Discrete math, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
2	0.0%	.00410790018253	.00410790018253
1	0.0%	.00426278803236	.00426278803236
1	0.0%	.00745797706861	.00745797706861
1	0.0%	.00820571424135	.00820571424135
1	0.0%	.01141837087525	.01141837087525
1	0.0%	.01491595413722	.01491595413722
1	0.0%	.01751509375836	.01751509375836
1	0.0%	.02132797635988	.02132797635988
1	0.0%	.0278290948804	.0278290948804
1	0.0%	.04393697254159	.04393697254159
8382	99.7%	9991	Student did not take course in specified subject in given year

7	0.1%	9992	Student took course, but curriculum information not available for this course
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<b>etma17y6</b>			
Frequency	Percent	Value	Label
		Num 8	Unweighted scope in Estimation, year 6
7	0.1%	0	0
1	0.0%	.0002037748609	.0002037748609
1	0.0%	.00223644471169	.00223644471169
1	0.0%	.00409461784598	.00409461784598
1	0.0%	.00449859838132	.00449859838132
1	0.0%	.00808388942693	.00808388942693
1	0.0%	.00978859490255	.00978859490255
1	0.0%	.01000709841801	.01000709841801
1	0.0%	.01267558298725	.01267558298725
1	0.0%	.01965016300971	.01965016300971
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma18y6</b>			
Frequency	Percent	Value	Label
		Num 8	Unweighted scope in Measurement, year 6
6	0.1%	0	0
1	0.0%	.00021365559203	.00021365559203
1	0.0%	.00039508431956	.00039508431956
1	0.0%	.00067454898093	.00067454898093
1	0.0%	.00414555541363	.00414555541363
2	0.0%	.00708725635888	.00708725635888
1	0.0%	.0104482472729	.0104482472729
1	0.0%	.01844102620099	.01844102620099
1	0.0%	.02097556050547	.02097556050547
1	0.0%	.04393697254159	.04393697254159
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma19y6</b>			
Frequency	Percent	Value	Label
		Num 8	Unweighted scope in Perimeter, area, and volume, year 6

4	0.0%	0	0
1	0.0%	.00194508622164	.00194508622164
1	0.0%	.00514679162819	.00514679162819
1	0.0%	.0138759281707	.0138759281707
1	0.0%	.01848833268958	.01848833268958
1	0.0%	.02656904330693	.02656904330693
1	0.0%	.0377727385268	.0377727385268
1	0.0%	.04879008392246	.04879008392246
1	0.0%	.05359343463311	.05359343463311
1	0.0%	.06075235709455	.06075235709455
1	0.0%	.08297326402519	.08297326402519
2	0.0%	.09929369044694	.09929369044694
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma20y6</b>			
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00222791288128	.00222791288128
1	0.0%	.00279674140072	.00279674140072
1	0.0%	.0065111716671	.0065111716671
1	0.0%	.00653665122701	.00653665122701
1	0.0%	.01421251087856	.01421251087856
2	0.0%	.01920311671868	.01920311671868
1	0.0%	.02049417323252	.02049417323252
1	0.0%	.02705670259552	.02705670259552
1	0.0%	.02794980122622	.02794980122622
1	0.0%	.02961677408359	.02961677408359
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma21y6</b>			
Frequency	Percent	Value	Label
3	0.0%	0	0

1	0.0%	.00180785500951	.00180785500951
1	0.0%	.00636628296365	.00636628296365
1	0.0%	.00672298259949	.00672298259949
1	0.0%	.00950668724044	.00950668724044
1	0.0%	.00979076183986	.00979076183986
1	0.0%	.01093934555159	.01093934555159
1	0.0%	.0116530891697	.0116530891697
1	0.0%	.01378698926551	.01378698926551
1	0.0%	.02063936447344	.02063936447344
1	0.0%	.03652312439376	.03652312439376
2	0.0%	.04092181176735	.04092181176735
1	0.0%	.05671124048425	.05671124048425
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma22y6</b>			
		Num 8	Unweighted scope in Probability- linear interpolation and extrapolation, year 6
Frequency	Percent	Value	Label
15	0.2%	0	0
1	0.0%	.00035523233603	.00035523233603
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma23y6</b>			
		Num 8	Unweighted scope in Trigonometry, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.01261153841471	.01261153841471
1	0.0%	.01416423466974	.01416423466974
1	0.0%	.01639533858601	.01639533858601
1	0.0%	.0232399912196	.0232399912196
1	0.0%	.03985415403224	.03985415403224
2	0.0%	.05598061932425	.05598061932425
1	0.0%	.06151970363035	.06151970363035
1	0.0%	.07474195669133	.07474195669133
1	0.0%	.13581477612837	.13581477612837



8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma24y6</b>		Num 8	Unweighted scope in Statistics- data representation and analysis, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00033727449046	.00033727449046
2	0.0%	.00947099208751	.00947099208751
1	0.0%	.01072084203613	.01072084203613
1	0.0%	.01206334947956	.01206334947956
1	0.0%	.01729028994044	.01729028994044
1	0.0%	.02191783794784	.02191783794784
1	0.0%	.0291918229306	.0291918229306
1	0.0%	.04008878138038	.04008878138038
1	0.0%	.06763633229359	.06763633229359
1	0.0%	.06989568157849	.06989568157849
1	0.0%	.0797374686866	.0797374686866
1	0.0%	.08623724685184	.08623724685184
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma25y6</b>		Num 8	Unweighted scope in Statistics- uncertainty and probability, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.0026146604908	.0026146604908
1	0.0%	.0102401602014	.0102401602014
1	0.0%	.01025471846934	.01025471846934
2	0.0%	.01586920963372	.01586920963372
1	0.0%	.01751509375836	.01751509375836
1	0.0%	.01855092482617	.01855092482617
1	0.0%	.02453117065481	.02453117065481
1	0.0%	.02607264536764	.02607264536764
1	0.0%	.03120248396193	.03120248396193
1	0.0%	.03340619855879	.03340619855879

1	0.0%	.0533199408997	.0533199408997
1	0.0%	.06712593027188	.06712593027188
1	0.0%	.06848321343147	.06848321343147
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma26y6</b>		Num 8	Unweighted scope in Calculus- infinite process, year 6
Frequency	Percent	Value	Label
11	0.1%	0	0
1	0.0%	.00101161453853	.00101161453853
1	0.0%	.05598841936434	.05598841936434
1	0.0%	.09378138717247	.09378138717247
1	0.0%	.11623747116136	.11623747116136
1	0.0%	.13101921927693	.13101921927693
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma27y6</b>		Num 8	Unweighted scope in Calculus- change, year 6
Frequency	Percent	Value	Label
12	0.1%	0	0
1	0.0%	.00986756488973	.00986756488973
1	0.0%	.01386318463392	.01386318463392
1	0.0%	.16703879162734	.16703879162734
1	0.0%	.22848350427747	.22848350427747
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma28y6</b>		Num 8	Unweighted scope in Validation and structuring, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00099716721914	.00099716721914
1	0.0%	.00681706795564	.00681706795564
1	0.0%	.01119613921445	.01119613921445
1	0.0%	.01573520646693	.01573520646693

1	0.0%	.01670790236773	.01670790236773
1	0.0%	.03645297120164	.03645297120164
2	0.0%	.06888068341788	.06888068341788
1	0.0%	.10436190495676	.10436190495676
1	0.0%	.12566222195253	.12566222195253
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etma29y6</b>		Num 8	Unweighted scope in other topics, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00069918535018	.00069918535018
1	0.0%	.00139837070036	.00139837070036
1	0.0%	.00168981250699	.00168981250699
1	0.0%	.00363050921548	.00363050921548
1	0.0%	.00564564080114	.00564564080114
1	0.0%	.00934944715035	.00934944715035
1	0.0%	.012131156542	.012131156542
1	0.0%	.02553546667561	.02553546667561
2	0.0%	.02928835023	.02928835023
1	0.0%	.03352874800196	.03352874800196
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb1y6</b>		Num 8	IGP scope in Algebra- pre-equation, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00380674548472	.00380674548472
1	0.0%	.00569689196411	.00569689196411
1	0.0%	.00761349096945	.00761349096945
1	0.0%	.00994547642007	.00994547642007
1	0.0%	.01141690388928	.01141690388928
1	0.0%	.01483717163139	.01483717163139
1	0.0%	.01508089206087	.01508089206087

1	0.0%	.01604456055059	.01604456055059
1	0.0%	.02009073821141	.02009073821141
1	0.0%	.03817727746202	.03817727746202
1	0.0%	.08091789561579	.08091789561579
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb2y6</b>		Num 8	IGP scope in Algebra- basic equation, year 6
Frequency	Percent	Value	Label
1	0.0%	.00781749238462	.00781749238462
1	0.0%	.03991786484116	.03991786484116
2	0.0%	.04886886505225	.04886886505225
1	0.0%	.05185156485876	.05185156485876
1	0.0%	.09177345834045	.09177345834045
1	0.0%	.11401343072127	.11401343072127
1	0.0%	.11430433093869	.11430433093869
1	0.0%	.13469722421994	.13469722421994
1	0.0%	.1389619449327	.1389619449327
1	0.0%	.19418809992695	.19418809992695
1	0.0%	.19908289208395	.19908289208395
1	0.0%	.20155424945882	.20155424945882
1	0.0%	.2036847513477	.2036847513477
1	0.0%	.33140645885838	.33140645885838
1	0.0%	.45034793465987	.45034793465987
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb3y6</b>		Num 8	IGP scope in Algebra- advanced equation, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.01406972431597	.01406972431597
2	0.0%	.02135874922379	.02135874922379
1	0.0%	.04876154643978	.04876154643978
1	0.0%	.05502608099522	.05502608099522

1	0.0%	.06007828535514	.06007828535514
1	0.0%	.06519841379088	.06519841379088
1	0.0%	.12531193716461	.12531193716461
1	0.0%	.14249808764179	.14249808764179
1	0.0%	.23153731734165	.23153731734165
1	0.0%	.23313317061153	.23313317061153
1	0.0%	.25396145829405	.25396145829405
1	0.0%	.37449999453302	.37449999453302
1	0.0%	.57559937766627	.57559937766627
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb4y6</b>		Num 8	IGP scope in Algebra- number patterns, year 6
Frequency	Percent	Value	Label
12	0.1%	0	0
1	0.0%	.00201254857563	.00201254857563
1	0.0%	.00721163003181	.00721163003181
1	0.0%	.01377420503883	.01377420503883
1	0.0%	.01735435269655	.01735435269655
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb5y6</b>		Num 8	IGP scope in Algebra- basic function, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
2	0.0%	.00373358955831	.00373358955831
1	0.0%	.00570067321607	.00570067321607
1	0.0%	.01142843872593	.01142843872593
1	0.0%	.01832507360803	.01832507360803
1	0.0%	.0209979511713	.0209979511713
1	0.0%	.02782622795424	.02782622795424
1	0.0%	.03559917140765	.03559917140765
1	0.0%	.03741361689346	.03741361689346
1	0.0%	.06002808949189	.06002808949189

1	0.0%	.06106156466132	.06106156466132
1	0.0%	.07833363361835	.07833363361835
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb6y6</b>		Num 8	IGP scope in Algebra- advanced function, year 6
Frequency	Percent	Value	Label
10	0.1%	0	0
1	0.0%	.00837872565978	.00837872565978
1	0.0%	.01560604317221	.01560604317221
1	0.0%	.03259382724307	.03259382724307
1	0.0%	.03818332228641	.03818332228641
1	0.0%	.04880252212698	.04880252212698
1	0.0%	.07681344775817	.07681344775817
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb7y6</b>		Num 8	IGP scope in Algebra- basic number, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00092497327194	.00092497327194
1	0.0%	.00175182681646	.00175182681646
1	0.0%	.00280418648861	.00280418648861
1	0.0%	.00525548044938	.00525548044938
1	0.0%	.00699291225787	.00699291225787
1	0.0%	.01059989641024	.01059989641024
1	0.0%	.016547296731	.016547296731
1	0.0%	.02696055112569	.02696055112569
1	0.0%	.04169162926448	.04169162926448
1	0.0%	.0525466832088	.0525466832088
1	0.0%	.05862808434602	.05862808434602
1	0.0%	.06257881658961	.06257881658961
1	0.0%	.06789252179491	.06789252179491
8382	99.7%	9991	Student did not take course in specified subject in given year

7	0.1%	9992	Student took course, but curriculum information not available for this course
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<b>etmb8y6</b>			
		Num 8	IGP scope in Algebra- advanced number, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.02084678016276	.02084678016276
1	0.0%	.03099778466133	.03099778466133
1	0.0%	.03711391498291	.03711391498291
1	0.0%	.04251126306364	.04251126306364
1	0.0%	.04770894153687	.04770894153687
1	0.0%	.05714678689439	.05714678689439
1	0.0%	.06832720983929	.06832720983929
1	0.0%	.07563815236905	.07563815236905
1	0.0%	.08208125358085	.08208125358085
1	0.0%	.13241369915558	.13241369915558
1	0.0%	.16177789134972	.16177789134972
1	0.0%	.16315535033113	.16315535033113
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb9y6</b>			
		Num 8	IGP scope in Geometry- 2-D, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00703659783041	.00703659783041
1	0.0%	.00793514301522	.00793514301522
1	0.0%	.00926353938981	.00926353938981
1	0.0%	.01802957446628	.01802957446628
1	0.0%	.0218547977382	.0218547977382
1	0.0%	.02850089552926	.02850089552926
1	0.0%	.03332697329215	.03332697329215
1	0.0%	.04341652425433	.04341652425433
1	0.0%	.0741675904511	.0741675904511
1	0.0%	.09278369666034	.09278369666034
1	0.0%	.12346651510462	.12346651510462

1	0.0%	.31142257163766	.31142257163766
2	0.0%	.35511449449592	.35511449449592
1	0.0%	.49152058688198	.49152058688198
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb10y6</b>		Num 8	IGP scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00361616092937	.00361616092937
1	0.0%	.00541521589546	.00541521589546
1	0.0%	.00761349096945	.00761349096945
1	0.0%	.00988060256807	.00988060256807
1	0.0%	.02004409211817	.02004409211817
1	0.0%	.0248252753721	.0248252753721
1	0.0%	.02489730744447	.02489730744447
1	0.0%	.02705073783867	.02705073783867
2	0.0%	.07229420520639	.07229420520639
1	0.0%	.07928094012248	.07928094012248
1	0.0%	.11037474323425	.11037474323425
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb11y6</b>		Num 8	IGP scope in Geometry- conic sections and their equations, and equations for lines and planes, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00537023023738	.00537023023738
1	0.0%	.01280383167954	.01280383167954
1	0.0%	.02414856706756	.02414856706756
1	0.0%	.02710050042023	.02710050042023
1	0.0%	.03106312879383	.03106312879383
1	0.0%	.05119561048483	.05119561048483
1	0.0%	.05378630276727	.05378630276727



1	0.0%	.06710602744155	.06710602744155
1	0.0%	.07520671817443	.07520671817443
1	0.0%	.08993989824178	.08993989824178
1	0.0%	.1038669937957	.1038669937957
1	0.0%	.12044610118073	.12044610118073
1	0.0%	.1264188891842	.1264188891842
2	0.0%	.13119417845376	.13119417845376
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb12y6</b>			
		Num 8	IGP scope in Geometry- transformation, congruence and similarity, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00390709989566	.00390709989566
1	0.0%	.00396535987992	.00396535987992
1	0.0%	.00725744062894	.00725744062894
1	0.0%	.01425374662513	.01425374662513
1	0.0%	.02006678170398	.02006678170398
1	0.0%	.02605642363281	.02605642363281
1	0.0%	.03345414506311	.03345414506311
1	0.0%	.03472197963461	.03472197963461
1	0.0%	.04968608382728	.04968608382728
1	0.0%	.09866320713371	.09866320713371
1	0.0%	.11027940617429	.11027940617429
2	0.0%	.13611953036361	.13611953036361
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb13y6</b>			
		Num 8	IGP scope in Numbers and arithmetic- whole numbers, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.0002691663822	.0002691663822
1	0.0%	.0003892948481	.0003892948481
1	0.0%	.0011678845443	.0011678845443

1	0.0%	.00183204584805	.00183204584805
2	0.0%	.00754386906432	.00754386906432
1	0.0%	.00767889416679	.00767889416679
1	0.0%	.01001135314909	.01001135314909
1	0.0%	.01364769529302	.01364769529302
1	0.0%	.01743647504685	.01743647504685
1	0.0%	.0226234149197	.0226234149197
1	0.0%	.03134952826708	.03134952826708
1	0.0%	.03571089811861	.03571089811861
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb14y6</b>		Num 8	IGP scope in Fractions, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00183672471801	.00183672471801
2	0.0%	.00275074733404	.00275074733404
1	0.0%	.00399749515692	.00399749515692
1	0.0%	.00437146559391	.00437146559391
1	0.0%	.00764023106593	.00764023106593
1	0.0%	.00971255254682	.00971255254682
1	0.0%	.01981532065225	.01981532065225
1	0.0%	.02134092963034	.02134092963034
1	0.0%	.05019313632517	.05019313632517
1	0.0%	.06221789771365	.06221789771365
1	0.0%	.08722593349755	.08722593349755
1	0.0%	.13291886317501	.13291886317501
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb15y6</b>		Num 8	IGP scope in Number theory, year 6
Frequency	Percent	Value	Label
8	0.1%	0	0
1	0.0%	.00038572802119	.00038572802119

1	0.0%	.0030022617912	.0030022617912
1	0.0%	.0044679184393	.0044679184393
1	0.0%	.00868646780165	.00868646780165
1	0.0%	.01004687542256	.01004687542256
1	0.0%	.01459744049171	.01459744049171
1	0.0%	.02195676413511	.02195676413511
1	0.0%	.02969093093161	.02969093093161
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb16y6</b>			
		Num 8	IGP scope in Discrete math, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
2	0.0%	.00357543947481	.00357543947481
1	0.0%	.00525057274245	.00525057274245
1	0.0%	.01024195808985	.01024195808985
1	0.0%	.01094735464719	.01094735464719
1	0.0%	.01367442287875	.01367442287875
1	0.0%	.02048391617971	.02048391617971
1	0.0%	.02168303592361	.02168303592361
1	0.0%	.02414075523581	.02414075523581
1	0.0%	.0358476825371	.0358476825371
1	0.0%	.05685618136861	.05685618136861
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb17y6</b>			
		Num 8	IGP scope in Estimation, year 6
Frequency	Percent	Value	Label
7	0.1%	0	0
1	0.0%	.00021688764101	.00021688764101
1	0.0%	.00105116072049	.00105116072049
1	0.0%	.0025932916093	.0025932916093
1	0.0%	.00418546169798	.00418546169798
1	0.0%	.00570711974263	.00570711974263

1	0.0%	.00795337895915	.00795337895915
1	0.0%	.00805531087823	.00805531087823
1	0.0%	.00999843383588	.00999843383588
1	0.0%	.01617300866473	.01617300866473
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb18y6</b>		Num 8	IGP scope in Measurement, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00015243966679	.00015243966679
1	0.0%	.00015367168173	.00015367168173
1	0.0%	.00027152675629	.00027152675629
1	0.0%	.00210896219507	.00210896219507
2	0.0%	.00244468472465	.00244468472465
1	0.0%	.00458657536192	.00458657536192
1	0.0%	.01234862165028	.01234862165028
1	0.0%	.0162738369472	.0162738369472
1	0.0%	.01662301206279	.01662301206279
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb19y6</b>		Num 8	IGP scope in Perimeter, area, and volume, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00188878303493	.00188878303493
1	0.0%	.00198584241889	.00198584241889
1	0.0%	.01164757256525	.01164757256525
1	0.0%	.02065123189273	.02065123189273
1	0.0%	.02164868031815	.02164868031815
1	0.0%	.02386013687747	.02386013687747
1	0.0%	.03360612206914	.03360612206914
1	0.0%	.03887363819361	.03887363819361
1	0.0%	.04817087744691	.04817087744691

2	0.0%	.0621577341872	.0621577341872
1	0.0%	.07178826646712	.07178826646712
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb20y6</b>		Num 8	IGP scope in Probability- proportionality conceptsY6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00245900524306	.00245900524306
1	0.0%	.00326292470119	.00326292470119
1	0.0%	.00430614392411	.00430614392411
1	0.0%	.00576752912106	.00576752912106
1	0.0%	.00995801673344	.00995801673344
2	0.0%	.01410750680616	.01410750680616
1	0.0%	.01438278256712	.01438278256712
1	0.0%	.01992335295627	.01992335295627
1	0.0%	.02028758674782	.02028758674782
1	0.0%	.0252643397621	.0252643397621
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb21y6</b>		Num 8	IGP scope in Probability- proportionality problems, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00115582119596	.00115582119596
1	0.0%	.004787589196	.004787589196
1	0.0%	.00530207379509	.00530207379509
1	0.0%	.00692199265561	.00692199265561
1	0.0%	.00749162747802	.00749162747802
1	0.0%	.0098152399295	.0098152399295
1	0.0%	.01082053056805	.01082053056805
1	0.0%	.01336892759516	.01336892759516
1	0.0%	.01574042482495	.01574042482495
1	0.0%	.02685242164246	.02685242164246

2	0.0%	.03127143134925	.03127143134925
1	0.0%	.0418594438376	.0418594438376
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb22y6</b>		Num 8	IGP scope in Probability- linear interpolation and extrapolation, year 6
Frequency	Percent	Value	Label
15	0.2%	0	0
1	0.0%	.00041118943163	.00041118943163
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb23y6</b>		Num 8	IGP scope in Trigonometry, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00914303719799	.00914303719799
1	0.0%	.01612464204757	.01612464204757
1	0.0%	.01767407657957	.01767407657957
1	0.0%	.04468745224248	.04468745224248
1	0.0%	.05073655048708	.05073655048708
2	0.0%	.06552603002324	.06552603002324
1	0.0%	.07173054399136	.07173054399136
1	0.0%	.08188565361899	.08188565361899
1	0.0%	.14208361431756	.14208361431756
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb24y6</b>		Num 8	IGP scope in Statistics- data representation and analysisY6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00045950681835	.00045950681835
2	0.0%	.00851246188045	.00851246188045
1	0.0%	.01484177555056	.01484177555056
1	0.0%	.01822061767594	.01822061767594

1	0.0%	.01841455240018	.01841455240018
1	0.0%	.02199907903781	.02199907903781
1	0.0%	.03069586410873	.03069586410873
1	0.0%	.0418532396657	.0418532396657
1	0.0%	.0613396654337	.0613396654337
1	0.0%	.06750417690568	.06750417690568
1	0.0%	.0707608180119	.0707608180119
1	0.0%	.08027986251478	.08027986251478
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb25y6</b>			
		Num 8	IGP scope in Statistics- uncertainty and probability, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00114244634721	.00114244634721
1	0.0%	.01849399092233	.01849399092233
2	0.0%	.02117449818696	.02117449818696
1	0.0%	.02170751294266	.02170751294266
1	0.0%	.02194427732028	.02194427732028
1	0.0%	.02681789148132	.02681789148132
1	0.0%	.02848984877564	.02848984877564
1	0.0%	.03472086279127	.03472086279127
1	0.0%	.03887265968403	.03887265968403
1	0.0%	.05955204378954	.05955204378954
1	0.0%	.07337251132653	.07337251132653
1	0.0%	.08818388387566	.08818388387566
1	0.0%	.09021256889846	.09021256889846
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb26y6</b>			
		Num 8	IGP scope in Calculus- infinite process, year 6
Frequency	Percent	Value	Label
11	0.1%	0	0
1	0.0%	.00132109054341	.00132109054341

1	0.0%	.07543550005156	.07543550005156
1	0.0%	.12521169660863	.12521169660863
1	0.0%	.14165242552675	.14165242552675
1	0.0%	.16780951554012	.16780951554012
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb27y6</b>			
Frequency	Percent	Value	Label
		Num 8	IGP scope in Calculus- change, year 6
12	0.1%	0	0
1	0.0%	.01376488838105	.01376488838105
1	0.0%	.01777108608322	.01777108608322
1	0.0%	.21384573504328	.21384573504328
1	0.0%	.27141519480099	.27141519480099
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb28y6</b>			
Frequency	Percent	Value	Label
		Num 8	IGP scope in Validation and structuring, year 6
6	0.1%	0	0
1	0.0%	.00134699190623	.00134699190623
1	0.0%	.00663494044429	.00663494044429
1	0.0%	.01306815465925	.01306815465925
1	0.0%	.01336660650738	.01336660650738
1	0.0%	.01992642583002	.01992642583002
1	0.0%	.04237592029191	.04237592029191
2	0.0%	.07967792014368	.07967792014368
1	0.0%	.12752302277272	.12752302277272
1	0.0%	.14278158841285	.14278158841285
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmb29y6</b>			
Frequency	Percent	Value	Label
		Num 8	IGP scope in other topics, year 6



5	0.1%	0	0
1	0.0%	.00132556315985	.00132556315985
1	0.0%	.00190081334423	.00190081334423
1	0.0%	.00265112631971	.00265112631971
1	0.0%	.00425063323935	.00425063323935
1	0.0%	.00600524811323	.00600524811323
1	0.0%	.01008322150735	.01008322150735
1	0.0%	.02376381376681	.02376381376681
1	0.0%	.02657772450052	.02657772450052
2	0.0%	.03301425190927	.03301425190927
1	0.0%	.03985352694017	.03985352694017
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc1y6</b>		Num 8	PE scope in Algebra- pre-equation, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00655364724009	.00655364724009
1	0.0%	.0077724920686	.0077724920686
1	0.0%	.00906767446226	.00906767446226
1	0.0%	.00980500267439	.00980500267439
1	0.0%	.00981750012156	.00981750012156
1	0.0%	.01310729448018	.01310729448018
1	0.0%	.01915176243988	.01915176243988
1	0.0%	.01987918598724	.01987918598724
1	0.0%	.02747458001902	.02747458001902
1	0.0%	.05332836696922	.05332836696922
1	0.0%	.10931024500387	.10931024500387
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc2y6</b>		Num 8	PE scope in Algebra- basic equation, year 6
Frequency	Percent	Value	Label
1	0.0%	.00879254038584	.00879254038584

1	0.0%	.03675549472827	.03675549472827
1	0.0%	.04290459831494	.04290459831494
2	0.0%	.07544432988505	.07544432988505
1	0.0%	.07682133804431	.07682133804431
1	0.0%	.09283240652005	.09283240652005
1	0.0%	.11410702176443	.11410702176443
1	0.0%	.11879981771238	.11879981771238
1	0.0%	.16015943357335	.16015943357335
1	0.0%	.16040831816231	.16040831816231
1	0.0%	.1988229368487	.1988229368487
1	0.0%	.22476335632611	.22476335632611
1	0.0%	.24828037526016	.24828037526016
1	0.0%	.34540280370515	.34540280370515
1	0.0%	.34883501167989	.34883501167989
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc3y6</b>		Num 8	PE scope in Algebra- advanced equation, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00615138518994	.00615138518994
2	0.0%	.02051337354396	.02051337354396
1	0.0%	.03576290807917	.03576290807917
1	0.0%	.07168668046239	.07168668046239
1	0.0%	.07369964877167	.07369964877167
1	0.0%	.07650032496647	.07650032496647
1	0.0%	.09121765415975	.09121765415975
1	0.0%	.15840526101981	.15840526101981
1	0.0%	.1600159670415	.1600159670415
1	0.0%	.27053754407579	.27053754407579
1	0.0%	.3217048407428	.3217048407428
1	0.0%	.36958044475231	.36958044475231
1	0.0%	.38252909348281	.38252909348281

8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc4y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Algebra- number patterns, year 6
12	0.1%	0	0
1	0.0%	.00256261147026	.00256261147026
1	0.0%	.00282427444271	.00282427444271
1	0.0%	.01216237180538	.01216237180538
1	0.0%	.02052332495918	.02052332495918
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc5y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Algebra- basic function, year 6
4	0.0%	0	0
1	0.0%	.00474197441061	.00474197441061
2	0.0%	.00474508640696	.00474508640696
1	0.0%	.00883177577191	.00883177577191
1	0.0%	.01183498009472	.01183498009472
1	0.0%	.01207904750941	.01207904750941
1	0.0%	.01994716354041	.01994716354041
1	0.0%	.02031159079547	.02031159079547
1	0.0%	.02635970358665	.02635970358665
1	0.0%	.05271420744154	.05271420744154
1	0.0%	.05580349372453	.05580349372453
1	0.0%	.06555374615493	.06555374615493
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc6y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Algebra- advanced function, year 6
10	0.1%	0	0
1	0.0%	.00395633508379	.00395633508379

1	0.0%	.01625477888924	.01625477888924
1	0.0%	.01953392610966	.01953392610966
1	0.0%	.0212259783076	.0212259783076
1	0.0%	.04216928934827	.04216928934827
1	0.0%	.05216171851671	.05216171851671
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc7y6</b>		Num 8	PE scope in Algebra- basic number, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.0005852491554	.0005852491554
1	0.0%	.00083453465643	.00083453465643
1	0.0%	.00098318067429	.00098318067429
1	0.0%	.0017557474662	.0017557474662
1	0.0%	.00335753948473	.00335753948473
1	0.0%	.01403214333389	.01403214333389
1	0.0%	.01532432203192	.01532432203192
1	0.0%	.01554039120899	.01554039120899
1	0.0%	.0274681611163	.0274681611163
1	0.0%	.02995953024043	.02995953024043
1	0.0%	.03636342233681	.03636342233681
1	0.0%	.04394682883161	.04394682883161
1	0.0%	.05658228864453	.05658228864453
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc8y6</b>		Num 8	PE scope in Algebra- advanced number, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.01041607037892	.01041607037892
1	0.0%	.01653207620211	.01653207620211
1	0.0%	.01685223576024	.01685223576024
1	0.0%	.02940630986621	.02940630986621

1	0.0%	.03082988030718	.03082988030718
1	0.0%	.04312085016718	.04312085016718
1	0.0%	.04446787556294	.04446787556294
1	0.0%	.05045637631325	.05045637631325
1	0.0%	.06170418271147	.06170418271147
1	0.0%	.08264064034362	.08264064034362
1	0.0%	.0843975044763	.0843975044763
1	0.0%	.09710753240286	.09710753240286
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc9y6</b>		Num 8	PE scope in Geometry- 2-D, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00453325652588	.00453325652588
1	0.0%	.01009252077987	.01009252077987
1	0.0%	.01200312272685	.01200312272685
1	0.0%	.02309380456033	.02309380456033
1	0.0%	.03307496525305	.03307496525305
1	0.0%	.03357816276256	.03357816276256
1	0.0%	.03715920666442	.03715920666442
1	0.0%	.03871356113395	.03871356113395
1	0.0%	.05422469328434	.05422469328434
1	0.0%	.10239300448653	.10239300448653
1	0.0%	.17822075340958	.17822075340958
1	0.0%	.40217518959816	.40217518959816
2	0.0%	.56149330830449	.56149330830449
1	0.0%	.61606682741854	.61606682741854
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc10y6</b>		Num 8	PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0

1	0.0%	.01056010752046	.01056010752046
1	0.0%	.01071760440412	.01071760440412
1	0.0%	.01322970782043	.01322970782043
1	0.0%	.01497976512021	.01497976512021
1	0.0%	.01937456660907	.01937456660907
1	0.0%	.02498867602436	.02498867602436
1	0.0%	.02722359630636	.02722359630636
1	0.0%	.02901655827924	.02901655827924
2	0.0%	.04496948252062	.04496948252062
1	0.0%	.09690815850213	.09690815850213
1	0.0%	.12748073174692	.12748073174692
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc11y6</b>		Num 8	PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00280870596004	.00280870596004
1	0.0%	.00615959380947	.00615959380947
1	0.0%	.02601573204063	.02601573204063
1	0.0%	.02860176057085	.02860176057085
1	0.0%	.03191821410717	.03191821410717
1	0.0%	.04167611849185	.04167611849185
1	0.0%	.04302024562515	.04302024562515
1	0.0%	.04323223746849	.04323223746849
1	0.0%	.05449673755375	.05449673755375
1	0.0%	.09266656934895	.09266656934895
1	0.0%	.11052943516523	.11052943516523
1	0.0%	.11112568740857	.11112568740857
1	0.0%	.12831811977281	.12831811977281
2	0.0%	.1307763511052	.1307763511052
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc12y6</b>		Num 8	PE scope in Geometry- transformation, congruence and similarity, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00176471659085	.00176471659085
1	0.0%	.00218454908003	.00218454908003
1	0.0%	.00674797506708	.00674797506708
1	0.0%	.01135097925888	.01135097925888
1	0.0%	.02411922645746	.02411922645746
1	0.0%	.03474014049228	.03474014049228
1	0.0%	.04110297455293	.04110297455293
1	0.0%	.04470737223332	.04470737223332
1	0.0%	.04782291511398	.04782291511398
1	0.0%	.09121357300549	.09121357300549
1	0.0%	.15187732020369	.15187732020369
2	0.0%	.17338260362224	.17338260362224
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc13y6</b>		Num 8	PE scope in Numbers and arithmetic- whole numbers, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00054075309632	.00054075309632
1	0.0%	.0017557474662	.0017557474662
1	0.0%	.00188048048059	.00188048048059
1	0.0%	.00526724239861	.00526724239861
2	0.0%	.01727211452135	.01727211452135
1	0.0%	.0174278837528	.0174278837528
1	0.0%	.01952263626115	.01952263626115
1	0.0%	.02575126542609	.02575126542609
1	0.0%	.02638916395534	.02638916395534
1	0.0%	.04160218625704	.04160218625704
1	0.0%	.05631861839069	.05631861839069
1	0.0%	.07271427652104	.07271427652104

8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc14y6</b>			
		Num 8	PE scope in Fractions, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00346473087191	.00346473087191
1	0.0%	.0035806321205	.0035806321205
2	0.0%	.00550430023208	.00550430023208
1	0.0%	.00740896314704	.00740896314704
1	0.0%	.01008940255502	.01008940255502
1	0.0%	.01495550441383	.01495550441383
1	0.0%	.02649773069858	.02649773069858
1	0.0%	.02857828869049	.02857828869049
1	0.0%	.05243156702915	.05243156702915
1	0.0%	.05676364213378	.05676364213378
1	0.0%	.09510318843311	.09510318843311
1	0.0%	.138562827362	.138562827362
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc15y6</b>			
		Num 8	PE scope in Number theory, year 6
Frequency	Percent	Value	Label
8	0.1%	0	0
1	0.0%	.0009808984302	.0009808984302
1	0.0%	.00255441263892	.00255441263892
1	0.0%	.00359482879411	.00359482879411
1	0.0%	.00797955352679	.00797955352679
1	0.0%	.0105236471156	.0105236471156
1	0.0%	.01216883394891	.01216883394891
1	0.0%	.01217105916017	.01217105916017
1	0.0%	.02193687057282	.02193687057282
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course



<b>etmc16y6</b>			
		Num 8	PE scope in Discrete math, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00211820583203	.00211820583203
2	0.0%	.00579763284633	.00579763284633
1	0.0%	.00686572568009	.00686572568009
1	0.0%	.00694681803461	.00694681803461
1	0.0%	.00800374197194	.00800374197194
1	0.0%	.01049412278651	.01049412278651
1	0.0%	.01373145136019	.01373145136019
1	0.0%	.02238663368788	.02238663368788
1	0.0%	.02937926525774	.02937926525774
1	0.0%	.04371838955336	.04371838955336
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc17y6</b>			
		Num 8	PE scope in Estimation, year 6
Frequency	Percent	Value	Label
7	0.1%	0	0
1	0.0%	.00027662046004	.00027662046004
1	0.0%	.00107585041276	.00107585041276
1	0.0%	.00219170461978	.00219170461978
1	0.0%	.00344409749044	.00344409749044
1	0.0%	.0039486608384	.0039486608384
1	0.0%	.00552610530565	.00552610530565
1	0.0%	.00884513376409	.00884513376409
1	0.0%	.01123482384016	.01123482384016
1	0.0%	.01208657255894	.01208657255894
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc18y6</b>			
		Num 8	PE scope in Measurement, year 6
Frequency	Percent	Value	Label

6	0.1%	0	0
1	0.0%	.00019631985064	.00019631985064
1	0.0%	.00029077997109	.00029077997109
1	0.0%	.00050989806328	.00050989806328
1	0.0%	.0044052540483	.0044052540483
1	0.0%	.00807745897224	.00807745897224
2	0.0%	.01000250941619	.01000250941619
1	0.0%	.01782475593835	.01782475593835
1	0.0%	.02246964768032	.02246964768032
1	0.0%	.02937926525774	.02937926525774
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc19y6</b>			
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00468362947206	.00468362947206
1	0.0%	.00511591171097	.00511591171097
1	0.0%	.01512368173842	.01512368173842
1	0.0%	.02553012274108	.02553012274108
1	0.0%	.04062318159094	.04062318159094
1	0.0%	.04532586419779	.04532586419779
1	0.0%	.07115388432102	.07115388432102
1	0.0%	.07505983040901	.07505983040901
1	0.0%	.09210443730001	.09210443730001
1	0.0%	.10282114724415	.10282114724415
2	0.0%	.13871336533343	.13871336533343
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc20y6</b>			
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00094919026697	.00094919026697

1	0.0%	.00420582844002	.00420582844002
1	0.0%	.0074898825601	.0074898825601
1	0.0%	.01073915544212	.01073915544212
1	0.0%	.01342810681209	.01342810681209
1	0.0%	.01438457889273	.01438457889273
1	0.0%	.01980380102558	.01980380102558
1	0.0%	.01990641341121	.01990641341121
2	0.0%	.02710207534093	.02710207534093
1	0.0%	.03503170605663	.03503170605663
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc21y6</b>		Num 8	PE scope in Probability- proportionality problems, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00246044590922	.00246044590922
1	0.0%	.00685084054066	.00685084054066
1	0.0%	.00765631285046	.00765631285046
1	0.0%	.00833503775987	.00833503775987
1	0.0%	.0098484162825	.0098484162825
1	0.0%	.01436787270446	.01436787270446
1	0.0%	.01657831591696	.01657831591696
1	0.0%	.02528708753226	.02528708753226
1	0.0%	.03120784400045	.03120784400045
1	0.0%	.03792101460119	.03792101460119
1	0.0%	.04733696829701	.04733696829701
2	0.0%	.05775448026765	.05775448026765
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc22y6</b>		Num 8	PE scope in Probability- linear interpolation and extrapolation, year 6
Frequency	Percent	Value	Label
15	0.2%	0	0
1	0.0%	.00035303430533	.00035303430533

8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc23y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Trigonometry, year 6
6	0.1%	0	0
1	0.0%	.0084329372499	.0084329372499
1	0.0%	.00962820832742	.00962820832742
1	0.0%	.01057827086636	.01057827086636
1	0.0%	.03616393757814	.03616393757814
1	0.0%	.05646411925078	.05646411925078
1	0.0%	.06599659710633	.06599659710633
1	0.0%	.07424107016793	.07424107016793
2	0.0%	.07900753741096	.07900753741096
1	0.0%	.08721490545823	.08721490545823
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc24y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Statistics- data representation and analysis Y6
3	0.0%	0	0
1	0.0%	.00050989806328	.00050989806328
2	0.0%	.00984677324694	.00984677324694
1	0.0%	.01843467363375	.01843467363375
1	0.0%	.01934886328027	.01934886328027
1	0.0%	.0278514897316	.0278514897316
1	0.0%	.02904076270422	.02904076270422
1	0.0%	.03979845988957	.03979845988957
1	0.0%	.04008022437827	.04008022437827
1	0.0%	.04059992095443	.04059992095443
1	0.0%	.05331792583812	.05331792583812
1	0.0%	.05585001451431	.05585001451431
1	0.0%	.08133753260547	.08133753260547
8382	99.7%	9991	Student did not take course in specified subject in given year

7	0.1%	9992	Student took course, but curriculum information not available for this course
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<b>etmc25y6</b>			
		Num 8	PE scope in Statistics- uncertainty and probability, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00120166526857	.00120166526857
1	0.0%	.01685631851963	.01685631851963
1	0.0%	.01989922994478	.01989922994478
1	0.0%	.0220669160134	.0220669160134
2	0.0%	.02239680784088	.02239680784088
1	0.0%	.02341461689224	.02341461689224
1	0.0%	.02387236808346	.02387236808346
1	0.0%	.02746290272039	.02746290272039
1	0.0%	.03410589905616	.03410589905616
1	0.0%	.03533019067601	.03533019067601
1	0.0%	.04488498858821	.04488498858821
1	0.0%	.06256425268803	.06256425268803
1	0.0%	.11056306378578	.11056306378578
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc26y6</b>			
		Num 8	PE scope in Calculus- infinite process, year 6
Frequency	Percent	Value	Label
11	0.1%	0	0
1	0.0%	.00050267754319	.00050267754319
1	0.0%	.06758509828469	.06758509828469
1	0.0%	.07017944613479	.07017944613479
1	0.0%	.10819973775049	.10819973775049
1	0.0%	.12170065805496	.12170065805496
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc27y6</b>			
		Num 8	PE scope in Calculus- change, year 6
Frequency	Percent	Value	Label

12	0.1%	0	0
1	0.0%	.01158951002375	.01158951002375
1	0.0%	.02728471924493	.02728471924493
1	0.0%	.21082467285586	.21082467285586
1	0.0%	.27581599938164	.27581599938164
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc28y6</b>			
		Num 8	PE scope in Validation and structuring, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00153635735124	.00153635735124
1	0.0%	.00322772184401	.00322772184401
1	0.0%	.00538594624415	.00538594624415
1	0.0%	.01371998558645	.01371998558645
1	0.0%	.02008569123101	.02008569123101
1	0.0%	.0552645845677	.0552645845677
2	0.0%	.07756922160916	.07756922160916
1	0.0%	.08175632359136	.08175632359136
1	0.0%	.14098295925789	.14098295925789
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmc29y6</b>			
		Num 8	PE scope in other topics, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00112397483622	.00112397483622
1	0.0%	.00187247064002	.00187247064002
1	0.0%	.00277785603172	.00277785603172
1	0.0%	.00374494128005	.00374494128005
1	0.0%	.00678631515082	.00678631515082
1	0.0%	.01251376590251	.01251376590251
1	0.0%	.01555991876748	.01555991876748
1	0.0%	.01612913441975	.01612913441975

1	0.0%	.02335339990711	.02335339990711
2	0.0%	.04293871826813	.04293871826813
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd1y6</b>		Num 8	IGP*PE scope in Algebra- pre-equation, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00661984991377	.00661984991377
1	0.0%	.00749440080346	.00749440080346
1	0.0%	.00756319153421	.00756319153421
1	0.0%	.00805484591793	.00805484591793
1	0.0%	.00867458547454	.00867458547454
1	0.0%	.01512638306843	.01512638306843
1	0.0%	.01549407642321	.01549407642321
1	0.0%	.01589753932841	.01589753932841
1	0.0%	.02094396600011	.02094396600011
1	0.0%	.04590522221506	.04590522221506
1	0.0%	.09232788359769	.09232788359769
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd2y6</b>		Num 8	IGP*PE scope in Algebra- basic equation, year 6
Frequency	Percent	Value	Label
1	0.0%	.00881422475804	.00881422475804
1	0.0%	.03677608518526	.03677608518526
1	0.0%	.04316093289426	.04316093289426
2	0.0%	.07544773376529	.07544773376529
1	0.0%	.08662762335822	.08662762335822
1	0.0%	.09202918593021	.09202918593021
1	0.0%	.1130216605817	.1130216605817
1	0.0%	.13232346961177	.13232346961177
1	0.0%	.1877522028207	.1877522028207
1	0.0%	.21200088922959	.21200088922959

1	0.0%	.23341398563236	.23341398563236
1	0.0%	.23402376953326	.23402376953326
1	0.0%	.29015433627314	.29015433627314
1	0.0%	.34464431014076	.34464431014076
1	0.0%	.38618395708665	.38618395708665
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd3y6</b>		Num 8	IGP*PE scope in Algebra- advanced equation, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00612189071094	.00612189071094
2	0.0%	.02479328033297	.02479328033297
1	0.0%	.04564759645271	.04564759645271
1	0.0%	.07944275921737	.07944275921737
1	0.0%	.08219911731517	.08219911731517
1	0.0%	.08976393650797	.08976393650797
1	0.0%	.10790099003546	.10790099003546
1	0.0%	.17479940979293	.17479940979293
1	0.0%	.1783735673552	.1783735673552
1	0.0%	.32473304763818	.32473304763818
1	0.0%	.35343639917277	.35343639917277
1	0.0%	.40283853419837	.40283853419837
1	0.0%	.4228634331997	.4228634331997
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd4y6</b>		Num 8	IGP*PE scope in Algebra- number patterns, year 6
Frequency	Percent	Value	Label
12	0.1%	0	0
1	0.0%	.00349176142	.00349176142
1	0.0%	.00376409061841	.00376409061841
1	0.0%	.01644362504893	.01644362504893
1	0.0%	.02518058986879	.02518058986879



8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd5y6</b>			
		Num 8	IGP*PE scope in Algebra- basic function, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
2	0.0%	.00518941309933	.00518941309933
1	0.0%	.00540815079058	.00540815079058
1	0.0%	.00748543765005	.00748543765005
1	0.0%	.01289790651171	.01289790651171
1	0.0%	.01430265746636	.01430265746636
1	0.0%	.01874544815667	.01874544815667
1	0.0%	.02842693788102	.02842693788102
1	0.0%	.02845084753758	.02845084753758
1	0.0%	.06128134908485	.06128134908485
1	0.0%	.06234208198291	.06234208198291
1	0.0%	.06660447598759	.06660447598759
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd6y6</b>			
		Num 8	IGP*PE scope in Algebra- advanced function, year 6
Frequency	Percent	Value	Label
10	0.1%	0	0
1	0.0%	.00450319334187	.00450319334187
1	0.0%	.02034298422212	.02034298422212
1	0.0%	.0236516914829	.0236516914829
1	0.0%	.0238083033253	.0238083033253
1	0.0%	.04545321358753	.04545321358753
1	0.0%	.06197448473538	.06197448473538
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd7y6</b>			
		Num 8	IGP*PE scope in Algebra- basic number, year 6
Frequency	Percent	Value	Label

3	0.0%	0	0
1	0.0%	.00044613742608	.00044613742608
1	0.0%	.0008666935519	.0008666935519
1	0.0%	.00132289030729	.00132289030729
1	0.0%	.00133841227824	.00133841227824
1	0.0%	.00275249609631	.00275249609631
1	0.0%	.0129776297951	.0129776297951
1	0.0%	.01407198609911	.01407198609911
1	0.0%	.01636774575896	.01636774575896
1	0.0%	.02560073207283	.02560073207283
1	0.0%	.03156474834179	.03156474834179
1	0.0%	.0349495214225	.0349495214225
1	0.0%	.0388628647904	.0388628647904
1	0.0%	.05158486828862	.05158486828862
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd8y6</b>		Num 8	IGP*PE scope in Algebra- advanced number, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.01088092002622	.01088092002622
1	0.0%	.01598762004711	.01598762004711
1	0.0%	.01991125934518	.01991125934518
1	0.0%	.03185905242839	.03185905242839
1	0.0%	.03272918214199	.03272918214199
1	0.0%	.04298924468701	.04298924468701
1	0.0%	.05050356309996	.05050356309996
1	0.0%	.05191514509853	.05191514509853
1	0.0%	.06098668372592	.06098668372592
1	0.0%	.07838092200317	.07838092200317
1	0.0%	.08402456386814	.08402456386814
1	0.0%	.0915617872364	.0915617872364
8382	99.7%	9991	Student did not take course in specified subject in given year

7	0.1%	9992	Student took course, but curriculum information not available for this course
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<b>etmd9y6</b>		Num 8	IGP*PE scope in Geometry- 2-D, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00312336968742	.00312336968742
1	0.0%	.00873352471675	.00873352471675
1	0.0%	.00998954879984	.00998954879984
1	0.0%	.02328768413725	.02328768413725
1	0.0%	.02490693726629	.02490693726629
1	0.0%	.03009319803254	.03009319803254
1	0.0%	.03015637111917	.03015637111917
1	0.0%	.03753050646015	.03753050646015
1	0.0%	.05635267749018	.05635267749018
1	0.0%	.08371080067635	.08371080067635
1	0.0%	.14956740048822	.14956740048822
1	0.0%	.34434816010679	.34434816010679
2	0.0%	.45836725333576	.45836725333576
1	0.0%	.50642136458858	.50642136458858
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd10y6</b>		Num 8	IGP*PE scope in Geometry- points, lines, shapes in their perimeters, areas and volume, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00576121103871	.00576121103871
1	0.0%	.01160464124999	.01160464124999
1	0.0%	.01555650578467	.01555650578467
1	0.0%	.01595288516747	.01595288516747
1	0.0%	.01728729493535	.01728729493535
1	0.0%	.01891702195337	.01891702195337
1	0.0%	.02576177994186	.02576177994186
1	0.0%	.02867927575026	.02867927575026

2	0.0%	.0524135430873	.0524135430873
1	0.0%	.08372649317043	.08372649317043
1	0.0%	.10547011160789	.10547011160789
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd11y6</b>		Num 8	IGP*PE scope in Geometry- conic sections and their equations, and equations for lines and planes, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00405170975047	.00405170975047
1	0.0%	.00652149910687	.00652149910687
1	0.0%	.02980617542039	.02980617542039
1	0.0%	.0326932904778	.0326932904778
1	0.0%	.03781888990541	.03781888990541
1	0.0%	.03971907499755	.03971907499755
1	0.0%	.0408669360134	.0408669360134
1	0.0%	.04704868253441	.04704868253441
1	0.0%	.05052896212456	.05052896212456
1	0.0%	.09307855049769	.09307855049769
1	0.0%	.11431574499568	.11431574499568
1	0.0%	.12287331957739	.12287331957739
2	0.0%	.13162852823523	.13162852823523
1	0.0%	.1414335534392	.1414335534392
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd12y6</b>		Num 8	IGP*PE scope in Geometry- transformation, congruence and similarity, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00201112932093	.00201112932093
1	0.0%	.00225094986137	.00225094986137
1	0.0%	.00440276585867	.00440276585867
1	0.0%	.01117998201906	.01117998201906

1	0.0%	.02059763181751	.02059763181751
1	0.0%	.02115336769419	.02115336769419
1	0.0%	.03044193584071	.03044193584071
1	0.0%	.03775158179791	.03775158179791
1	0.0%	.042174483665	.042174483665
1	0.0%	.07801315720561	.07801315720561
1	0.0%	.10263171315575	.10263171315575
2	0.0%	.1375762939767	.1375762939767
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd13y6</b>			
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00019828330048	.00019828330048
1	0.0%	.00026458990822	.00026458990822
1	0.0%	.00059484990144	.00059484990144
1	0.0%	.00076607263533	.00076607263533
1	0.0%	.00688661891549	.00688661891549
1	0.0%	.00927833933091	.00927833933091
2	0.0%	.01048541954881	.01048541954881
1	0.0%	.01665546024304	.01665546024304
1	0.0%	.01713464589003	.01713464589003
1	0.0%	.01838828432351	.01838828432351
1	0.0%	.01840265145855	.01840265145855
1	0.0%	.03238795286252	.03238795286252
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd14y6</b>			
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00208648169012	.00208648169012
1	0.0%	.00219120199219	.00219120199219

2	0.0%	.00382333516453	.00382333516453
1	0.0%	.00538274605555	.00538274605555
1	0.0%	.01014751529967	.01014751529967
1	0.0%	.01055501366118	.01055501366118
1	0.0%	.01886075674503	.01886075674503
1	0.0%	.0204717772738	.0204717772738
1	0.0%	.03772548474626	.03772548474626
1	0.0%	.04727327802682	.04727327802682
1	0.0%	.08025978947298	.08025978947298
1	0.0%	.12395659322325	.12395659322325
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd15y6</b>		Num 8	IGP*PE scope in Number theory, year 6
Frequency	Percent	Value	Label
8	0.1%	0	0
1	0.0%	.00074452357111	.00074452357111
1	0.0%	.00202420793346	.00202420793346
1	0.0%	.00324002215467	.00324002215467
1	0.0%	.00763363521759	.00763363521759
1	0.0%	.00988028281227	.00988028281227
1	0.0%	.01012033870704	.01012033870704
1	0.0%	.01246383094669	.01246383094669
1	0.0%	.01734568767455	.01734568767455
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd16y6</b>		Num 8	IGP*PE scope in Discrete math, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00274052211691	.00274052211691
2	0.0%	.00496959619065	.00496959619065
1	0.0%	.00832925648479	.00832925648479
1	0.0%	.00866937260895	.00866937260895

1	0.0%	.01021711719414	.01021711719414
1	0.0%	.01229584374816	.01229584374816
1	0.0%	.0173387452179	.0173387452179
1	0.0%	.02560412723701	.02560412723701
1	0.0%	.04319943566322	.04319943566322
1	0.0%	.05502373226436	.05502373226436
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd17y6</b>		Num 8	IGP*PE scope in Estimation, year 6
Frequency	Percent	Value	Label
7	0.1%	0	0
1	0.0%	.00028482551867	.00028482551867
1	0.0%	.00049742889802	.00049742889802
1	0.0%	.00121502351062	.00121502351062
1	0.0%	.00224639238038	.00224639238038
1	0.0%	.00362662456134	.00362662456134
1	0.0%	.00418085964715	.00418085964715
1	0.0%	.00608379034693	.00608379034693
1	0.0%	.00740884068658	.00740884068658
1	0.0%	.01020906180789	.01020906180789
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd18y6</b>		Num 8	IGP*PE scope in Measurement, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00007956546815	.00007956546815
1	0.0%	.00020061154318	.00020061154318
1	0.0%	.00020963794087	.00020963794087
1	0.0%	.00255905362443	.00255905362443
2	0.0%	.00339793079439	.00339793079439
1	0.0%	.00373671332945	.00373671332945
1	0.0%	.01263019645093	.01263019645093

1	0.0%	.01370954906555	.01370954906555
1	0.0%	.01919352790367	.01919352790367
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd19y6</b>		Num 8	IGP*PE scope in Perimeter, area, and volume, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00207340169106	.00207340169106
1	0.0%	.00235881120929	.00235881120929
1	0.0%	.01286673445751	.01286673445751
1	0.0%	.02536025805478	.02536025805478
1	0.0%	.02871100933676	.02871100933676
1	0.0%	.0366003250837	.0366003250837
1	0.0%	.05417714752063	.05417714752063
1	0.0%	.05531406745866	.05531406745866
1	0.0%	.06699148996963	.06699148996963
1	0.0%	.08148407092084	.08148407092084
2	0.0%	.08559519903861	.08559519903861
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd20y6</b>		Num 8	IGP*PE scope in Probability- proportionality conceptsY6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00096789464571	.00096789464571
1	0.0%	.00257040224949	.00257040224949
1	0.0%	.00740884068658	.00740884068658
1	0.0%	.00804389074464	.00804389074464
1	0.0%	.00989440418329	.00989440418329
1	0.0%	.01131840435496	.01131840435496
1	0.0%	.0144194515941	.0144194515941
1	0.0%	.01919589381233	.01919589381233
2	0.0%	.01960839012304	.01960839012304



1	0.0%	.02590373973394	.02590373973394
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd21y6</b>			
		Num 8	IGP*PE scope in Probability- proportionality problems, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00150887314531	.00150887314531
1	0.0%	.00512303770066	.00512303770066
1	0.0%	.00566394170635	.00566394170635
1	0.0%	.00600118534312	.00600118534312
1	0.0%	.00765358387801	.00765358387801
1	0.0%	.01157776517672	.01157776517672
1	0.0%	.01176299385404	.01176299385404
1	0.0%	.02279181736265	.02279181736265
1	0.0%	.03035566670196	.03035566670196
1	0.0%	.03180488572099	.03180488572099
1	0.0%	.03582817676253	.03582817676253
2	0.0%	.04346497464275	.04346497464275
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd22y6</b>			
		Num 8	IGP*PE scope in Probability- linear interpolation and extrapolation, year 6
Frequency	Percent	Value	Label
15	0.2%	0	0
1	0.0%	.00042923840385	.00042923840385
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd23y6</b>			
		Num 8	IGP*PE scope in Trigonometry, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00694689720086	.00694689720086
1	0.0%	.01021721321709	.01021721321709

1	0.0%	.01212777055362	.01212777055362
1	0.0%	.03831616989392	.03831616989392
1	0.0%	.06173594435934	.06173594435934
1	0.0%	.08140567317314	.08140567317314
1	0.0%	.08698782837512	.08698782837512
2	0.0%	.09107633103172	.09107633103172
1	0.0%	.09481947313531	.09481947313531
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd24y6</b>			
		Num 8	IGP*PE scope in Statistics- data representation and analysis, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00070954379988	.00070954379988
2	0.0%	.00881443703109	.00881443703109
1	0.0%	.0173470770714	.0173470770714
1	0.0%	.02308831429238	.02308831429238
1	0.0%	.02861222601051	.02861222601051
1	0.0%	.02899287050627	.02899287050627
1	0.0%	.0382914720287	.0382914720287
1	0.0%	.04112110160527	.04112110160527
1	0.0%	.04202230253356	.04202230253356
1	0.0%	.04806296890574	.04806296890574
1	0.0%	.0609967935285	.0609967935285
1	0.0%	.07067960586716	.07067960586716
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd25y6</b>			
		Num 8	IGP*PE scope in Statistics- uncertainty and probability, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00053895531037	.00053895531037
1	0.0%	.02009137302545	.02009137302545
1	0.0%	.02303343173128	.02303343173128

1	0.0%	.02698368685224	.02698368685224
2	0.0%	.02943098499363	.02943098499363
1	0.0%	.03520739886729	.03520739886729
1	0.0%	.03822081550634	.03822081550634
1	0.0%	.03870940580539	.03870940580539
1	0.0%	.04397197102527	.04397197102527
1	0.0%	.04928937067878	.04928937067878
1	0.0%	.06854368289135	.06854368289135
1	0.0%	.08482601763044	.08482601763044
1	0.0%	.13930230370223	.13930230370223
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd26y6</b>		Num 8	IGP*PE scope in Calculus- infinite process, year 6
Frequency	Percent	Value	Label
11	0.1%	0	0
1	0.0%	.00068953960458	.00068953960458
1	0.0%	.08436568566819	.08436568566819
1	0.0%	.08828193597138	.08828193597138
1	0.0%	.13383107106785	.13383107106785
1	0.0%	.15177805854228	.15177805854228
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd27y6</b>		Num 8	IGP*PE scope in Calculus- change, year 6
Frequency	Percent	Value	Label
12	0.1%	0	0
1	0.0%	.01698165402455	.01698165402455
1	0.0%	.03620607484399	.03620607484399
1	0.0%	.2490051573623	.2490051573623
1	0.0%	.31095725038443	.31095725038443
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd28y6</b>		Num 8	IGP*PE scope in Validation and structuring, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00197780269441	.00197780269441
1	0.0%	.00305352483801	.00305352483801
1	0.0%	.00618409501479	.00618409501479
1	0.0%	.01117853189476	.01117853189476
1	0.0%	.02379381728744	.02379381728744
1	0.0%	.06531282814225	.06531282814225
2	0.0%	.08810093394581	.08810093394581
1	0.0%	.09092597549225	.09092597549225
1	0.0%	.17590608016186	.17590608016186
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etmd29y6</b>		Num 8	IGP*PE scope in other topics, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00121571256508	.00121571256508
1	0.0%	.00300984152892	.00300984152892
1	0.0%	.00305871095365	.00305871095365
1	0.0%	.00601968305784	.00601968305784
1	0.0%	.00748814737527	.00748814737527
1	0.0%	.01311661148491	.01311661148491
1	0.0%	.01813883443375	.01813883443375
1	0.0%	.01885943376849	.01885943376849
1	0.0%	.02522409305741	.02522409305741
2	0.0%	.04729455143203	.04729455143203
8382	99.7%	9991	Student did not take course in specified subject in given year
7	0.1%	9992	Student took course, but curriculum information not available for this course

## Education Data - Science Curriculum Component - Summary

### Education Data - Science Curriculum Component - Summary

<b>aid</b>		Str 8	Respondent Identifier NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	10316654	
1	0.0%	10606128	
1	0.0%	11316958	
1	0.0%	11715820	
1	0.0%	12571478	
8773	99.9%	12578037-99718981	NOTE: Range of values omitted from display
1	0.0%	99718989	
1	0.0%	99719278	
1	0.0%	99719378	
1	0.0%	99886995	
1	0.0%	99886996	

<b>etsnc</b>		Num 1	Number of science courses overall
Frequency	Percent	Value	Label
149	1.7%	1	1
1347	15.3%	2	2
2950	33.6%	3	3
2664	30.3%	4	4
1152	13.1%	5	5
358	4.1%	6	6
115	1.3%	7	7
27	0.3%	8	8
14	0.2%	9	9
6	0.1%	10	10
1	0.0%	11	11

<b>etsncy1</b>		Num 1	Number of science courses, year 1
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Frequency	Percent	Value	Label
1286	14.6%	0	0
6696	76.2%	1	1
757	8.6%	2	2
37	0.4%	3	3
7	0.1%	4	4

<b>etsncy2</b>		Num 1	Number of science courses, year 2
Frequency	Percent	Value	Label
509	5.8%	0	0
7363	83.8%	1	1
841	9.6%	2	2
61	0.7%	3	3
7	0.1%	4	4
2	0.0%	5	5

<b>etsncy3</b>		Num 1	Number of science courses, year 3
Frequency	Percent	Value	Label
1868	21.3%	0	0
5823	66.3%	1	1
970	11.0%	2	2
107	1.2%	3	3
11	0.1%	4	4
3	0.0%	5	5
1	0.0%	6	6

<b>etsncy4</b>		Num 1	Number of science courses, year 4
Frequency	Percent	Value	Label
4276	48.7%	0	0
3710	42.2%	1	1
688	7.8%	2	2
97	1.1%	3	3
10	0.1%	4	4
2	0.0%	5	5

<b>etsncy5</b>		Num 1	Number of science courses, year 5
Frequency	Percent	Value	Label
8583	97.7%	0	0
164	1.9%	1	1
34	0.4%	2	2
1	0.0%	3	3
1	0.0%	4	4

<b>etsncy6</b>		Num 1	Number of science courses, year 6
Frequency	Percent	Value	Label
8754	99.7%	0	0
20	0.2%	1	1
5	0.1%	2	2
2	0.0%	3	3
1	0.0%	4	4
1	0.0%	5	5

<b>etsncb</b>		Num 1	Number of science courses with coded books overall
Frequency	Percent	Value	Label
1677	19.1%	1	1
2680	30.5%	2	2
2628	29.9%	3	3
1342	15.3%	4	4
359	4.1%	5	5
75	0.9%	6	6
20	0.2%	7	7
2	0.0%	8	8

<b>etsncy1</b>		Num 2	Number of science courses with coded books, year 1
Frequency	Percent	Value	Label
5244	59.7%	1	1
260	3.0%	2	2
2	0.0%	3	3
1286	14.6%	9991	Student did not take courses in specified subjects in given year

1991	22.7%	9992	Student took courses, but curriculum information not available for these courses
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<b>etsncby2</b>			
		Num 2	Number of science courses with coded books, year 2
Frequency	Percent	Value	Label
6575	74.9%	1	1
330	3.8%	2	2
8	0.1%	3	3
2	0.0%	4	4
509	5.8%	9991	Student did not take courses in specified subjects in given year
1359	15.5%	9992	Student took courses, but curriculum information not available for these courses

<b>etsncby3</b>			
		Num 2	Number of science courses with coded books, year 3
Frequency	Percent	Value	Label
5069	57.7%	1	1
409	4.7%	2	2
21	0.2%	3	3
1868	21.3%	9991	Student did not take courses in specified subjects in given year
1416	16.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsncby4</b>			
		Num 2	Number of science courses with coded books, year 4
Frequency	Percent	Value	Label
2873	32.7%	1	1
302	3.4%	2	2
22	0.3%	3	3
1	0.0%	4	4
4276	48.7%	9991	Student did not take courses in specified subjects in given year
1309	14.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etsncby5</b>			
		Num 2	Number of science courses with coded books, year 5
Frequency	Percent	Value	Label
119	1.4%	1	1
8	0.1%	2	2
8583	97.7%	9991	Student did not take courses in specified subjects in given year
73	0.8%	9992	Student took courses, but curriculum information not available for these courses



<b>etsnby6</b>		Num 2	Number of science courses with coded books, year 6
Frequency	Percent	Value	Label
14	0.2%	1	1
1	0.0%	2	2
1	0.0%	5	5
8754	99.7%	9991	Student did not take courses in specified subjects in given year
13	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsat</b>		Num 8	Unweighted scope in science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	.26920581421718	.26920581421718
1	0.0%	.423314396731	.423314396731
1	0.0%	.42798134478393	.42798134478393
4	0.0%	.49321932075789	.49321932075789
1	0.0%	.51784491899464	.51784491899464
8728	99.4%	.53134927931801-1.56145394104378	NOTE: Range of values omitted from display
3	0.0%	1.57039065008131	1.57039065008131
9	0.1%	1.58349782333635	1.58349782333635
3	0.0%	1.6222356249898	1.6222356249898
2	0.0%	1.65181399908991	1.65181399908991
5	0.1%	1.71099487227176	1.71099487227176

<b>etsaty1</b>		Num 8	Unweighted scope in science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
165	1.9%	.26920581421718	.26920581421718
1	0.0%	.54862691679057	.54862691679057
4	0.0%	.6779113075334799	.6779113075334799
7	0.1%	.70174253163355	.70174253163355
3	0.0%	.70829611826107	.70829611826107
5126	58.4%	.73153156175865-1.45004296837593	NOTE: Range of values omitted from display
194	2.2%	1.52034507947115	1.52034507947115
4	0.0%	1.58349782333635	1.58349782333635
2	0.0%	1.71099487227176	1.71099487227176

1286	14.6%	9991	Student did not take courses in specified subjects in given year
1991	22.7%	9992	Student took courses, but curriculum information not available for these courses

<b>etsaty2</b>		Num 8	Unweighted scope in science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	.26920581421718	.26920581421718
1	0.0%	.50036868798791	.50036868798791
1	0.0%	.53134927931801	.53134927931801
10	0.1%	.60522607402825	.60522607402825
15	0.2%	.6779113075334799	.6779113075334799
6368	72.5%	.70174253163355-1.47625731488601	NOTE: Range of values omitted from display
420	4.8%	1.52034507947115	1.52034507947115
58	0.7%	1.58349782333635	1.58349782333635
17	0.2%	1.71099487227176	1.71099487227176
509	5.8%	9991	Student did not take courses in specified subjects in given year
1359	15.5%	9992	Student took courses, but curriculum information not available for these courses

<b>etsaty3</b>		Num 8	Unweighted scope in science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	.26920581421718	.26920581421718
1	0.0%	.38478725110255	.38478725110255
4	0.0%	.60522607402825	.60522607402825
1	0.0%	.63978134897336	.63978134897336
2	0.0%	.64216447138336	.64216447138336
5339	60.8%	.6779113075334799-1.57158221128632	NOTE: Range of values omitted from display
107	1.2%	1.58349782333635	1.58349782333635
6	0.1%	1.62222356249898	1.62222356249898
30	0.3%	1.71099487227176	1.71099487227176
1868	21.3%	9991	Student did not take courses in specified subjects in given year
1416	16.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsaty4</b>		Num 8	Unweighted scope in science, year 4
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.26920581421718	.26920581421718
84	1.0%	.6779113075334799	.6779113075334799
1	0.0%	.70829611826107	.70829611826107
17	0.2%	.73153156175865	.73153156175865
1	0.0%	.74185842553535	.74185842553535
2998	34.1%	.74344717380869-1.53941005875122	NOTE: Range of values omitted from display
75	0.9%	1.58349782333635	1.58349782333635
3	0.0%	1.62222356249898	1.62222356249898
18	0.2%	1.71099487227176	1.71099487227176
4276	48.7%	9991	Student did not take courses in specified subjects in given year
1309	14.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etsaty5</b>		Num 8	Unweighted scope in science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	.6779113075334799	.6779113075334799
1	0.0%	.73153156175865	.73153156175865
2	0.0%	.74344717380869	.74344717380869
1	0.0%	.78515181598382	.78515181598382
1	0.0%	.8220902133389399	.8220902133389399
110	1.3%	.82566489695395-1.43336111150588	NOTE: Range of values omitted from display
1	0.0%	1.47625731488601	1.47625731488601
4	0.0%	1.52034507947115	1.52034507947115
2	0.0%	1.58349782333635	1.58349782333635
8583	97.7%	9991	Student did not take courses in specified subjects in given year
73	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etsaty6</b>		Num 8	Unweighted scope in science, year 6
Frequency	Percent	Value	Label
1	0.0%	.6779113075334799	.6779113075334799
1	0.0%	.80898304008389	.80898304008389

1	0.0%	.96150287432438	.96150287432438
2	0.0%	1.01035688372953	1.01035688372953
1	0.0%	1.0318049854196	1.0318049854196
2	0.0%	1.07231806638973	1.07231806638973
1	0.0%	1.14500329989496	1.14500329989496
1	0.0%	1.15572735074	1.15572735074
2	0.0%	1.16645140158503	1.16645140158503
1	0.0%	1.18194169725008	1.18194169725008
1	0.0%	1.21697359667719	1.21697359667719
1	0.0%	1.2740890971037	1.2740890971037
1	0.0%	1.39999739776577	1.39999739776577
8754	99.7%	9991	Student did not take courses in specified subjects in given year
13	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsbt</b>		Num 8	IGP weighted scope in science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	.36459250497178	.36459250497178
1	0.0%	.48831337172828	.48831337172828
1	0.0%	.50836987052835	.50836987052835
4	0.0%	.51778122758112	.51778122758112
1	0.0%	.53897102077332	.53897102077332
8644	98.4%	.57227469699615-1.52710083355437	NOTE: Range of values omitted from display
2	0.0%	1.54777200871659	1.54777200871659
85	1.0%	1.57354616998	1.57354616998
1	0.0%	1.59617877726883	1.59617877726883
5	0.1%	1.60567843274316	1.60567843274316
13	0.1%	1.6778910432841	1.6778910432841

<b>etsbty1</b>		Num 8	IGP weighted scope in science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
165	1.9%	.36459250497178	.36459250497178
1	0.0%	.58702265982848	.58702265982848
3	0.0%	.6896118878475	.6896118878475

4	0.0%	.68991339184089	.68991339184089
21	0.2%	.73575510524127	.73575510524127
5301	60.4%	.7373789685297401-1.47577812397165	NOTE: Range of values omitted from display
4	0.0%	1.50500389302663	1.50500389302663
2	0.0%	1.60567843274316	1.60567843274316
5	0.1%	1.6778910432841	1.6778910432841
1286	14.6%	9991	Student did not take courses in specified subjects in given year
1991	22.7%	9992	Student took courses, but curriculum information not available for these courses

<b>etsbty2</b>		Num 8	IGP weighted scope in science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	.36459250497178	.36459250497178
1	0.0%	.53897102077332	.53897102077332
1	0.0%	.55017380510653	.55017380510653
10	0.1%	.59437558888578	.59437558888578
1	0.0%	.6896118878475	.6896118878475
6839	77.9%	.68991339184089-1.57354616998	NOTE: Range of values omitted from display
3	0.0%	1.59617877726883	1.59617877726883
17	0.2%	1.60567843274316	1.60567843274316
18	0.2%	1.6778910432841	1.6778910432841
509	5.8%	9991	Student did not take courses in specified subjects in given year
1359	15.5%	9992	Student took courses, but curriculum information not available for these courses

<b>etsbty3</b>		Num 8	IGP weighted scope in science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	.36459250497178	.36459250497178
1	0.0%	.45851973112171	.45851973112171
4	0.0%	.59437558888578	.59437558888578
1	0.0%	.67173573487271	.67173573487271
1	0.0%	.6896118878475	.6896118878475
5432	61.8%	.68991339184089-1.59617877726883	NOTE: Range of values omitted from display
30	0.3%	1.60567843274316	1.60567843274316

20	0.2%	1.6778910432841	1.6778910432841
1	0.0%	1.80791520721832	1.80791520721832
1868	21.3%	9991	Student did not take courses in specified subjects in given year
1416	16.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsbty4</b>		Num 8	IGP weighted scope in science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.36459250497178	.36459250497178
1	0.0%	.6896118878475	.6896118878475
84	1.0%	.68991339184089	.68991339184089
34	0.4%	.72240021306532	.72240021306532
17	0.2%	.73575510524127	.73575510524127
2997	34.1%	.7373789685297401-1.57354616998	NOTE: Range of values omitted from display
2	0.0%	1.59617877726883	1.59617877726883
18	0.2%	1.60567843274316	1.60567843274316
44	0.5%	1.6778910432841	1.6778910432841
4276	48.7%	9991	Student did not take courses in specified subjects in given year
1309	14.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etsbty5</b>		Num 8	IGP weighted scope in science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	.68991339184089	.68991339184089
2	0.0%	.72240021306532	.72240021306532
1	0.0%	.73575510524127	.73575510524127
1	0.0%	.7373789685297401	.7373789685297401
1	0.0%	.7840815924913001	.7840815924913001
109	1.2%	.80945281468518-1.40407802910951	NOTE: Range of values omitted from display
4	0.0%	1.43272213010387	1.43272213010387
2	0.0%	1.46601010899176	1.46601010899176
2	0.0%	1.50500389302663	1.50500389302663
8583	97.7%	9991	Student did not take courses in specified subjects in given year

73	0.8%	9992	Student took courses, but curriculum information not available for these courses
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<b>etsbty6</b>			
		Num 8	IGP weighted scope in science, year 6
Frequency	Percent	Value	Label
1	0.0%	.68991339184089	.68991339184089
1	0.0%	.8727429258056	.8727429258056
1	0.0%	.9740226579546	.9740226579546
2	0.0%	.97887896477364	.97887896477364
2	0.0%	1.0203430363902	1.0203430363902
1	0.0%	1.06007172537385	1.06007172537385
1	0.0%	1.06178321790375	1.06178321790375
1	0.0%	1.17140637074472	1.17140637074472
2	0.0%	1.18768520741988	1.18768520741988
1	0.0%	1.2325029373588	1.2325029373588
1	0.0%	1.2352520604721	1.2352520604721
1	0.0%	1.25731882494391	1.25731882494391
1	0.0%	1.57354616998	1.57354616998
8754	99.7%	9991	Student did not take courses in specified subjects in given year
13	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsct</b>			
		Num 8	PE weighted scope in science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	.68901925042628	.68901925042628
1	0.0%	.72756429396142	.72756429396142
4	0.0%	.74255619832257	.74255619832257
1	0.0%	.74914925851606	.74914925851606
1	0.0%	.7533029159635301	.7533029159635301
8656	98.6%	.76932467227072-1.6763754535227	NOTE: Range of values omitted from display
4	0.0%	1.70997295603732	1.70997295603732
1	0.0%	1.71730347295167	1.71730347295167
3	0.0%	1.93076784316833	1.93076784316833
85	1.0%	1.94259457370244	1.94259457370244
1	0.0%	2.05181746879613	2.05181746879613

<b>etscty1</b>		Num 8	PE weighted scope in science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
165	1.9%	.68901925042628	.68901925042628
1	0.0%	.75675563633535	.75675563633535
11	0.1%	.81981517166381	.81981517166381
1	0.0%	.82390741592183	.82390741592183
184	2.1%	.82449202224441	.82449202224441
5104	58.1%	.82490952995774-1.41173728321551	NOTE: Range of values omitted from display
13	0.1%	1.47774630039288	1.47774630039288
1	0.0%	1.49594684669595	1.49594684669595
26	0.3%	1.93076784316833	1.93076784316833
1286	14.6%	9991	Student did not take courses in specified subjects in given year
1991	22.7%	9992	Student took courses, but curriculum information not available for these courses

<b>etscty2</b>		Num 8	PE weighted scope in science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	.68901925042628	.68901925042628
1	0.0%	.7533029159635301	.7533029159635301
10	0.1%	.76932467227072	.76932467227072
1	0.0%	.79657150266217	.79657150266217
1	0.0%	.80373849779298	.80373849779298
6803	77.5%	.8132174717376-1.62107949745841	NOTE: Range of values omitted from display
2	0.0%	1.6763754535227	1.6763754535227
6	0.1%	1.93076784316833	1.93076784316833
66	0.8%	1.94259457370244	1.94259457370244
509	5.8%	9991	Student did not take courses in specified subjects in given year
1359	15.5%	9992	Student took courses, but curriculum information not available for these courses

<b>etscty3</b>		Num 8	PE weighted scope in science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	.68901925042628	.68901925042628



1	0.0%	.7157552462454	.7157552462454
4	0.0%	.76932467227072	.76932467227072
2	0.0%	.7792142625609501	.7792142625609501
1	0.0%	.79798986895433	.79798986895433
5355	61.0%	.80373849779298-1.93668120843539	NOTE: Range of values omitted from display
118	1.3%	1.94259457370244	1.94259457370244
7	0.1%	1.99129265598223	1.99129265598223
2	0.0%	2.05181746879613	2.05181746879613
1868	21.3%	9991	Student did not take courses in specified subjects in given year
1416	16.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etscty4</b>		Num 8	PE weighted scope in science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.68901925042628	.68901925042628
1	0.0%	.80268620641235	.80268620641235
34	0.4%	.80373849779298	.80373849779298
13	0.1%	.8132174717376	.8132174717376
6	0.1%	.81981517166381	.81981517166381
3078	35.0%	.82390741592183-1.93076784316833	NOTE: Range of values omitted from display
35	0.4%	1.94259457370244	1.94259457370244
22	0.3%	1.99129265598223	1.99129265598223
8	0.1%	2.05181746879613	2.05181746879613
4276	48.7%	9991	Student did not take courses in specified subjects in given year
1309	14.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etscty5</b>		Num 8	PE weighted scope in science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2	0.0%	.80373849779298	.80373849779298
1	0.0%	.8132174717376	.8132174717376
1	0.0%	.82390741592183	.82390741592183
2	0.0%	.82449202224441	.82449202224441
6	0.1%	.8250766285669801	.8250766285669801

109	1.2%	.84188406034102-1.32401073991714	NOTE: Range of values omitted from display
1	0.0%	1.48183222566914	1.48183222566914
4	0.0%	1.93076784316833	1.93076784316833
1	0.0%	1.99129265598223	1.99129265598223
8583	97.7%	9991	Student did not take courses in specified subjects in given year
73	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etscty6</b>		Num 8	PE weighted scope in science, year 6
Frequency	Percent	Value	Label
1	0.0%	.81981517166381	.81981517166381
1	0.0%	.88682076047366	.88682076047366
1	0.0%	.90412375489806	.90412375489806
2	0.0%	.90906507024364	.90906507024364
1	0.0%	.92279914306471	.92279914306471
1	0.0%	1.01825554235342	1.01825554235342
1	0.0%	1.04269012675672	1.04269012675672
1	0.0%	1.04483034345011	1.04483034345011
2	0.0%	1.06095548566007	1.06095548566007
2	0.0%	1.11584444793773	1.11584444793773
1	0.0%	1.15087674266158	1.15087674266158
1	0.0%	1.40008855893197	1.40008855893197
1	0.0%	1.94259457370244	1.94259457370244
8754	99.7%	9991	Student did not take courses in specified subjects in given year
13	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsdt</b>		Num 8	IGP*PE weighted scope in science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	.73005482203938	.73005482203938
1	0.0%	.76316090012585	.76316090012585
4	0.0%	.76458146167763	.76458146167763
1	0.0%	.77057240410102	.77057240410102
5	0.1%	.78184478149676	.78184478149676
8651	98.5%	.78488448986994-1.71953070394883	NOTE: Range of values omitted from display

4	0.0%	1.72741006483411	1.72741006483411
2	0.0%	1.74612273814153	1.74612273814153
3	0.0%	1.89545461717966	1.89545461717966
85	1.0%	2.00868577530309	2.00868577530309
1	0.0%	2.04199339629732	2.04199339629732

<b>etsdty1</b>		Num 8	IGP*PE weighted scope in science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
165	1.9%	.73005482203938	.73005482203938
1	0.0%	.78110478526715	.78110478526715
1	0.0%	.8153746383656	.8153746383656
22	0.3%	.83215474849492	.83215474849492
18	0.2%	.83363474095414	.83363474095414
5259	59.9%	.83448774224555-1.47362511288321	NOTE: Range of values omitted from display
13	0.1%	1.53981991342663	1.53981991342663
1	0.0%	1.5435963012339	1.5435963012339
26	0.3%	1.89545461717966	1.89545461717966
1286	14.6%	9991	Student did not take courses in specified subjects in given year
1991	22.7%	9992	Student took courses, but curriculum information not available for these courses

<b>etsdty2</b>		Num 8	IGP*PE weighted scope in science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	.73005482203938	.73005482203938
1	0.0%	.77057240410102	.77057240410102
10	0.1%	.78184478149676	.78184478149676
1	0.0%	.81018729683774	.81018729683774
1	0.0%	.81188731002528	.81188731002528
6803	77.5%	.8153746383656-1.69784339273404	NOTE: Range of values omitted from display
2	0.0%	1.74612273814153	1.74612273814153
6	0.1%	1.89545461717966	1.89545461717966
66	0.8%	2.00868577530309	2.00868577530309
509	5.8%	9991	Student did not take courses in specified subjects in given year

1359	15.5%	9992	Student took courses, but curriculum information not available for these courses
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<b>etsdty3</b>		Num 8	IGP*PE weighted scope in science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
9	0.1%	.73005482203938	.73005482203938
1	0.0%	.7504511055740199	.7504511055740199
4	0.0%	.78184478149676	.78184478149676
15	0.2%	.81188731002528	.81188731002528
2	0.0%	.81229932378522	.81229932378522
5341	60.8%	.81531716093481-1.95207019624137	NOTE: Range of values omitted from display
7	0.1%	1.96872400673849	1.96872400673849
118	1.3%	2.00868577530309	2.00868577530309
2	0.0%	2.04199339629732	2.04199339629732
1868	21.3%	9991	Student did not take courses in specified subjects in given year
1416	16.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsdty4</b>		Num 8	IGP*PE weighted scope in science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.73005482203938	.73005482203938
34	0.4%	.81188731002528	.81188731002528
2	0.0%	.8153746383656	.8153746383656
1	0.0%	.81941112950819	.81941112950819
13	0.1%	.82564598269968	.82564598269968
3082	35.1%	.83215474849492-1.89545461717966	NOTE: Range of values omitted from display
22	0.3%	1.96872400673849	1.96872400673849
35	0.4%	2.00868577530309	2.00868577530309
8	0.1%	2.04199339629732	2.04199339629732
4276	48.7%	9991	Student did not take courses in specified subjects in given year
1309	14.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etsdty5</b>		Num 8	IGP*PE weighted scope in science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
2	0.0%	.81188731002528	.81188731002528
1	0.0%	.8153746383656	.8153746383656
1	0.0%	.82564598269968	.82564598269968
1	0.0%	.83215474849492	.83215474849492
1	0.0%	.83363474095414	.83363474095414
115	1.3%	.83448774224555-1.34733848808915	NOTE: Range of values omitted from display
1	0.0%	1.44810908953497	1.44810908953497
4	0.0%	1.89545461717966	1.89545461717966
1	0.0%	1.96872400673849	1.96872400673849
8583	97.7%	9991	Student did not take courses in specified subjects in given year
73	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etsdy6</b>		Num 8	IGP*PE weighted scope in science, year 6
Frequency	Percent	Value	Label
1	0.0%	.84688984439098	.84688984439098
1	0.0%	.87933751444014	.87933751444014
2	0.0%	.88398601466277	.88398601466277
1	0.0%	.8903197716361	.8903197716361
1	0.0%	.95392930180073	.95392930180073
1	0.0%	1.00222774490118	1.00222774490118
2	0.0%	1.02421773991342	1.02421773991342
1	0.0%	1.04372785829154	1.04372785829154
1	0.0%	1.04926067290868	1.04926067290868
1	0.0%	1.09058933379985	1.09058933379985
2	0.0%	1.1456932571918	1.1456932571918
1	0.0%	1.39499922135536	1.39499922135536
1	0.0%	2.00868577530309	2.00868577530309
8754	99.7%	9991	Student did not take courses in specified subjects in given year
13	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsigp</b>		Num 8	Average IGP in science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label

11	0.1%	6.03947269303201	6.03947269303201
1	0.0%	6.04948201527469	6.04948201527469
1	0.0%	6.18849435988092	6.18849435988092
4	0.0%	6.21445707070707	6.21445707070707
1	0.0%	6.22126867942643	6.22126867942643
8743	99.5%	6.24218027058919-9.29889421623036	NOTE: Range of values omitted from display
2	0.0%	9.32571112502638	9.32571112502638
4	0.0%	9.37839046835157	9.37839046835157
2	0.0%	9.379344942618429	9.379344942618429
1	0.0%	9.387273410053711	9.387273410053711
13	0.1%	9.611915342823121	9.611915342823121

<b>etsigpy1</b>		Num 8	Average IGP in science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	5.94696162947937	5.94696162947937
18	0.2%	6.03947269303201	6.03947269303201
4	0.0%	6.21445707070707	6.21445707070707
3	0.0%	6.30057238339021	6.30057238339021
16	0.2%	6.31236476608187	6.31236476608187
5437	61.9%	6.35951286371416-9.279951343006831	NOTE: Range of values omitted from display
13	0.1%	9.32571112502638	9.32571112502638
9	0.1%	9.37839046835157	9.37839046835157
5	0.1%	9.611915342823121	9.611915342823121
1286	14.6%	9991	Student did not take courses in specified subjects in given year
1991	22.7%	9992	Student took courses, but curriculum information not available for these courses

<b>etsigpy2</b>		Num 8	Average IGP in science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
30	0.3%	5.94696162947937	5.94696162947937
132	1.5%	6.03947269303201	6.03947269303201
1	0.0%	6.04948201527469	6.04948201527469
1	0.0%	6.21445707070707	6.21445707070707

1	0.0%	6.26300519330538	6.26300519330538
6717	76.5%	6.31236476608187-9.379344942618429	NOTE: Range of values omitted from display
3	0.0%	9.387273410053711	9.387273410053711
12	0.1%	9.447314748744169	9.447314748744169
18	0.2%	9.611915342823121	9.611915342823121
509	5.8%	9991	Student did not take courses in specified subjects in given year
1359	15.5%	9992	Student took courses, but curriculum information not available for these courses

<b>etsigpy3</b>		Num 8	Average IGP in science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2	0.0%	5.94696162947937	5.94696162947937
20	0.2%	6.03947269303201	6.03947269303201
1	0.0%	6.07769957983193	6.07769957983193
77	0.9%	6.21445707070707	6.21445707070707
1	0.0%	6.26300519330538	6.26300519330538
5325	60.6%	6.27420927016417-9.387273410053711	NOTE: Range of values omitted from display
52	0.6%	9.447314748744169	9.447314748744169
1	0.0%	9.58124681858405	9.58124681858405
20	0.2%	9.611915342823121	9.611915342823121
1868	21.3%	9991	Student did not take courses in specified subjects in given year
1416	16.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etsigpy4</b>		Num 8	Average IGP in science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	5.64447956173619	5.64447956173619
2	0.0%	5.94696162947937	5.94696162947937
6	0.1%	6.03947269303201	6.03947269303201
17	0.2%	6.07769957983193	6.07769957983193
5	0.1%	6.21445707070707	6.21445707070707
3115	35.5%	6.30057238339021-9.379344942618429	NOTE: Range of values omitted from display
2	0.0%	9.387273410053711	9.387273410053711
6	0.1%	9.447314748744169	9.447314748744169

44	0.5%	9.611915342823121	9.611915342823121
4276	48.7%	9991	Student did not take courses in specified subjects in given year
1309	14.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etsigpy5</b>		Num 8	Average IGP in science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	5.94696162947937	5.94696162947937
1	0.0%	6.03947269303201	6.03947269303201
17	0.2%	6.40666096134645	6.40666096134645
1	0.0%	6.62752540650406	6.62752540650406
2	0.0%	6.65769311625001	6.65769311625001
98	1.1%	6.76988277932053-9.272077307434341	NOTE: Range of values omitted from display
5	0.1%	9.27601432522059	9.27601432522059
1	0.0%	9.279951343006831	9.279951343006831
1	0.0%	9.447314748744169	9.447314748744169
8583	97.7%	9991	Student did not take courses in specified subjects in given year
73	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etsigpy6</b>		Num 8	Average IGP in science, year 6
Frequency	Percent	Value	Label
2	0.0%	6.40666096134645	6.40666096134645
1	0.0%	6.87314398234041	6.87314398234041
1	0.0%	6.98760817131213	6.98760817131213
1	0.0%	6.99385183349385	6.99385183349385
1	0.0%	7.00942387209011	7.00942387209011
2	0.0%	7.23623932001039	7.23623932001039
1	0.0%	8.081204829723641	8.081204829723641
1	0.0%	8.17704260770544	8.17704260770544
1	0.0%	8.458093269090231	8.458093269090231
1	0.0%	8.58677003160002	8.58677003160002
1	0.0%	8.69829901300778	8.69829901300778
2	0.0%	8.869176995664549	8.869176995664549



1	0.0%	9.2472526420674	9.2472526420674
8754	99.7%	9991	Student did not take courses in specified subjects in given year
13	0.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etspe</b>		Num 8	Average PE level in science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.9622467215384199	.9622467215384199
17	0.2%	.96284829721362	.96284829721362
1	0.0%	.96455989327695	.96455989327695
1	0.0%	.9731707317073101	.9731707317073101
13	0.1%	.97483114769228	.97483114769228
8659	98.6%	.97523219814241-4.36521946107301	NOTE: Range of values omitted from display
85	1.0%	4.43091996830828	4.43091996830828
3	0.0%	4.59193827715825	4.59193827715825
1	0.0%	5.00811058752885	5.00811058752885
1	0.0%	5.42636998137294	5.42636998137294
1	0.0%	5.94539750218142	5.94539750218142

<b>etspey1</b>		Num 8	Average PE level in science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3	0.0%	.96769656530578	.96769656530578
10	0.1%	.97636363636363	.97636363636363
18	0.2%	.98474576271186	.98474576271186
82	0.9%	.98491560704104	.98491560704104
20	0.2%	.99237288135593	.99237288135593
5181	59.0%	.99380208169554-3.06340896800446	NOTE: Range of values omitted from display
165	1.9%	3.46781113601292	3.46781113601292
1	0.0%	3.94366935236538	3.94366935236538
26	0.3%	4.59193827715825	4.59193827715825
1286	14.6%	9991	Student did not take courses in specified subjects in given year
1991	22.7%	9992	Student took courses, but curriculum information not available for these courses

<b>etspey2</b>		Num 8	Average PE level in science, year 2
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1	0.0%	.95850746268656	.95850746268656
1	0.0%	.96627148934028	.96627148934028
7	0.1%	.9731707317073101	.9731707317073101
132	1.5%	.98474576271186	.98474576271186
1	0.0%	.98491560704104	.98491560704104
6700	76.3%	.98981664413711-3.97286624951454	NOTE: Range of values omitted from display
1	0.0%	4.36521946107301	4.36521946107301
66	0.8%	4.43091996830828	4.43091996830828
6	0.1%	4.59193827715825	4.59193827715825
509	5.8%	9991	Student did not take courses in specified subjects in given year
1359	15.5%	9992	Student took courses, but curriculum information not available for these courses

<b>etspey3</b>			
		Num 8	Average PE level in science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.91764705882352	.91764705882352
34	0.4%	.9256965944272399	.9256965944272399
1	0.0%	.95850746268656	.95850746268656
4	0.0%	.96284829721362	.96284829721362
17	0.2%	.9731707317073101	.9731707317073101
5429	61.8%	.98402912863484-5.00811058752885	NOTE: Range of values omitted from display
7	0.1%	5.0091541292656	5.0091541292656
2	0.0%	5.42636998137294	5.42636998137294
4	0.0%	5.94539750218142	5.94539750218142
1868	21.3%	9991	Student did not take courses in specified subjects in given year
1416	16.1%	9992	Student took courses, but curriculum information not available for these courses

<b>etspey4</b>			
		Num 8	Average PE level in science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
17	0.2%	.91764705882352	.91764705882352
75	0.9%	.9256965944272399	.9256965944272399

1	0.0%	.961178538401	.961178538401
26	0.3%	.96284829721362	.96284829721362
21	0.2%	.9731707317073101	.9731707317073101
2958	33.7%	.98474576271186-5.00811058752885	NOTE: Range of values omitted from display
22	0.3%	5.0091541292656	5.0091541292656
8	0.1%	5.42636998137294	5.42636998137294
70	0.8%	5.94539750218142	5.94539750218142
4276	48.7%	9991	Student did not take courses in specified subjects in given year
1309	14.9%	9992	Student took courses, but curriculum information not available for these courses

<b>etspey5</b>		Num 8	Average PE level in science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	.96284829721362	.96284829721362
1	0.0%	.9731707317073101	.9731707317073101
1	0.0%	.98474576271186	.98474576271186
1	0.0%	.99237288135593	.99237288135593
1	0.0%	.99439775910364	.99439775910364
116	1.3%	.99488752556237-2.7850414199646	NOTE: Range of values omitted from display
1	0.0%	2.87728487911045	2.87728487911045
4	0.0%	4.59193827715825	4.59193827715825
1	0.0%	5.0091541292656	5.0091541292656
8583	97.7%	9991	Student did not take courses in specified subjects in given year
73	0.8%	9992	Student took courses, but curriculum information not available for these courses

<b>etspey6</b>		Num 8	Average PE level in science, year 6
Frequency	Percent	Value	Label
1	0.0%	.99666048237476	.99666048237476
1	0.0%	1	1
2	0.0%	1.00684638425331	1.00684638425331
1	0.0%	1.09240347913146	1.09240347913146
1	0.0%	1.55069223160691	1.55069223160691
1	0.0%	1.84330650546643	1.84330650546643

1	0.0%	1.86408223830149	1.86408223830149
1	0.0%	1.90755432564504	1.90755432564504
1	0.0%	1.91933116325123	1.91933116325123
2	0.0%	2.01229397139683	2.01229397139683
2	0.0%	2.13106776153634	2.13106776153634
1	0.0%	2.79341290136031	2.79341290136031
1	0.0%	4.43091996830828	4.43091996830828
8754	99.7%	9991	Student did not take courses in specified subjects in given year
13	0.1%	9992	Student took courses, but curriculum information not available for these courses

## Education Data - Science Curriculum Component - Auxiliary

### Education Data - Science Curriculum Component - Auxiliary

<b>aid</b>		Str 8	Respondent Identifier NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	10316654	
1	0.0%	10606128	
1	0.0%	11316958	
1	0.0%	11715820	
1	0.0%	12571478	
8773	99.9%	12578037-99718981	NOTE: Range of values omitted from display
1	0.0%	99718989	
1	0.0%	99719278	
1	0.0%	99719378	
1	0.0%	99886995	
1	0.0%	99886996	

<b>etsa1</b>		Num 8	Unweighted scope in Earth features overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1375	15.7%	0	0
6	0.1%	.00010218264116	.00010218264116
35	0.4%	.00012772830145	.00012772830145
3	0.0%	.00017030440194	.00017030440194
3	0.0%	.00019179313545	.00019179313545
7324	83.4%	.00020436528233-.22167709770918	NOTE: Range of values omitted from display
1	0.0%	.22533245080764	.22533245080764
8	0.1%	.23413963860668	.23413963860668
2	0.0%	.23532151674886	.23532151674886
22	0.3%	.24508533940272	.24508533940272
4	0.0%	.29842251290251	.29842251290251

<b>etsa2</b>		Num 8	Unweighted scope in Earth process overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
225	2.6%	0	0
5	0.1%	.00015316125259	.00015316125259
1	0.0%	.00019058129688	.00019058129688
2	0.0%	.00025604722357	.00025604722357
1	0.0%	.00028727293928	.00028727293928
8427	95.9%	.00029362279458-.24797319722547	NOTE: Range of values omitted from display
22	0.3%	.25310422623787	.25310422623787
81	0.9%	.25333668063429	.25333668063429
2	0.0%	.26325872451217	.26325872451217
2	0.0%	.3319503784513	.3319503784513
15	0.2%	.48917777408531	.48917777408531

<b>etsa3</b>		Num 8	Unweighted scope in Earth and the universe overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2597	29.6%	0	0
4	0.0%	.00002072154243	.00002072154243
13	0.1%	.00002762872324	.00002762872324
16	0.2%	.00004144308486	.00004144308486
1	0.0%	.00005525744648	.00005525744648
6109	69.6%	.00006216462729-.11453740199652	NOTE: Range of values omitted from display
1	0.0%	.11900750742946	.11900750742946
22	0.3%	.12810931071805	.12810931071805
1	0.0%	.12885457724609	.12885457724609
15	0.2%	.14585746214369	.14585746214369
4	0.0%	.17180610299479	.17180610299479

<b>etsa4</b>		Num 8	Unweighted scope in Plants, animals, and their life cycles overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
374	4.3%	0	0
1	0.0%	.00009349729814	.00009349729814

2	0.0%	.00016789899338	.00016789899338
1	0.0%	.00018794596124	.00018794596124
4	0.0%	.00022386532451	.00022386532451
8352	95.1%	.00022476177078-.47501010528111	NOTE: Range of values omitted from display
1	0.0%	.47879164378819	.47879164378819
9	0.1%	.49163156355475	.49163156355475
31	0.4%	.50729944798723	.50729944798723
3	0.0%	.55485437004689	.55485437004689
5	0.1%	.60240929210654	.60240929210654

<b>etsa5</b>		Num 8	Unweighted scope in Organs overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
597	6.8%	0	0
4	0.0%	.00020432814535	.00020432814535
6	0.1%	.00020736608234	.00020736608234
4	0.0%	.00025730183238	.00025730183238
7	0.1%	.00031104912352	.00031104912352
8156	92.9%	.00033934414682-.38983679100293	NOTE: Range of values omitted from display
2	0.0%	.42254616673014	.42254616673014
1	0.0%	.43453066586709	.43453066586709
2	0.0%	.45153545923825	.45153545923825
2	0.0%	.48506391139649	.48506391139649
2	0.0%	.716888012678	.716888012678

<b>etsa6</b>		Num 8	Unweighted scope in Biochemistry/microbiology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
626	7.1%	0	0
1	0.0%	.00002818319246	.00002818319246
16	0.2%	.00005636638492	.00005636638492
4	0.0%	.00011273276985	.00011273276985
1	0.0%	.00020987267985	.00020987267985
8117	92.4%	.00037898207537-.24229834594139	NOTE: Range of values omitted from display
2	0.0%	.24879946308375	.24879946308375

1	0.0%	.25301818000363	.25301818000363
9	0.1%	.25629793512584	.25629793512584
5	0.1%	.26180169736846	.26180169736846
1	0.0%	.27654036033287	.27654036033287

<b>etsa7</b>		Num 8	Unweighted scope in Biosystems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
298	3.4%	0	0
4	0.0%	.00027759300239	.00027759300239
1	0.0%	.00032910429833	.00032910429833
2	0.0%	.00033515176249	.00033515176249
4	0.0%	.00038595274857	.00038595274857
8448	96.2%	.00041638950359-.27034187750113	NOTE: Range of values omitted from display
2	0.0%	.27832076599212	.27832076599212
18	0.2%	.29597602527772	.29597602527772
3	0.0%	.29637836814108	.29637836814108
2	0.0%	.35055117458794	.35055117458794
1	0.0%	.36356756326055	.36356756326055

<b>etsa8</b>		Num 8	Unweighted scope in Evolution overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
717	8.2%	0	0
1	0.0%	.00012950288842	.00012950288842
1	0.0%	.00015242143211	.00015242143211
1	0.0%	.00020103497653	.00020103497653
1	0.0%	.00024009142001	.00024009142001
8000	91.1%	.00025900577684-.09879123819785	NOTE: Range of values omitted from display
14	0.2%	.10220534625118	.10220534625118
31	0.4%	.10504103741362	.10504103741362
9	0.1%	.11229669015745	.11229669015745
3	0.0%	.12345694125358	.12345694125358
5	0.1%	.14187284509353	.14187284509353



<b>etsa9</b>		Num 8	Unweighted scope in Environments & ecology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
573	6.5%	0	0
2	0.0%	.00006911636359	.00006911636359
1	0.0%	.0000795576846	.0000795576846
2	0.0%	.00009741285032	.00009741285032
16	0.2%	.00013823272718	.00013823272718
8165	93.0%	.00014611927548-.1522607988957	NOTE: Range of values omitted from display
2	0.0%	.1613480507367	.1613480507367
15	0.2%	.17069608866335	.17069608866335
5	0.1%	.17402539866688	.17402539866688
1	0.0%	.18351055973887	.18351055973887
1	0.0%	.22370707272411	.22370707272411

<b>etsa10</b>		Num 8	Unweighted scope in Nutrition & disease overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
256	2.9%	0	0
1	0.0%	.00006823098078	.00006823098078
5	0.1%	.00010888767059	.00010888767059
32	0.4%	.00016333150589	.00016333150589
13	0.1%	.00018209408433	.00018209408433
8426	95.9%	.00027292392315-.21963717030749	NOTE: Range of values omitted from display
1	0.0%	.22246571637923	.22246571637923
2	0.0%	.24563526075681	.24563526075681
43	0.5%	.27163335120613	.27163335120613
2	0.0%	.33204914566677	.33204914566677
2	0.0%	.43927434061499	.43927434061499

<b>etsa11</b>		Num 8	Unweighted scope in Matter overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
199	2.3%	0	0
3	0.0%	.00008816997773	.00008816997773

3	0.0%	.00013225496659	.00013225496659
2	0.0%	.00026450993319	.00026450993319
2	0.0%	.00069003508874	.00069003508874
8504	96.8%	.0009143982969-.15827724782258	NOTE: Range of values omitted from display
1	0.0%	.1691166166689	.1691166166689
13	0.1%	.19002351904068	.19002351904068
50	0.6%	.20024608479367	.20024608479367
5	0.1%	.20829251126006	.20829251126006
1	0.0%	.24202441213708	.24202441213708

<b>etsa12</b>		Num 8	Unweighted scope in Chemical properties overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
170	1.9%	0	0
1	0.0%	.00024537389385	.00024537389385
1	0.0%	.0002505235128	.0002505235128
1	0.0%	.00028631258606	.00028631258606
4	0.0%	.00033403135041	.00033403135041
8459	96.3%	.00050104702561-.18027663182898	NOTE: Range of values omitted from display
50	0.6%	.20165092350833	.20165092350833
85	1.0%	.20285113992049	.20285113992049
2	0.0%	.22120415451752	.22120415451752
9	0.1%	.24657246348127	.24657246348127
1	0.0%	.31428870322607	.31428870322607

<b>etsa13</b>		Num 8	Unweighted scope in Structure of matter & physical changes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
27	0.3%	0	0
2	0.0%	.00112570845851	.00112570845851
1	0.0%	.00152025534284	.00152025534284
2	0.0%	.00219455591257	.00219455591257
61	0.7%	.00225141691702	.00225141691702
8597	97.9%	.00227072764851-.3440433305272	NOTE: Range of values omitted from display
2	0.0%	.35022927194485	.35022927194485

1	0.0%	.38249135624919	.38249135624919
4	0.0%	.39428371086937	.39428371086937
1	0.0%	.4156090774236	.4156090774236
85	1.0%	.42686281879431	.42686281879431

<b>etsa14</b>		Num 8	Unweighted scope in Forces, energy, & transformations overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
276	3.1%	0	0
1	0.0%	.00023550216191	.00023550216191
3	0.0%	.00042625333665	.00042625333665
1	0.0%	.00063221102614	.00063221102614
1	0.0%	.00063561021127	.00063561021127
8432	96.0%	.00100018869282-.24603528854693	NOTE: Range of values omitted from display
2	0.0%	.2515829308739	.2515829308739
62	0.7%	.25199979640512	.25199979640512
1	0.0%	.2563305532183	.2563305532183
3	0.0%	.27354718032473	.27354718032473
1	0.0%	.28070847338731	.28070847338731

<b>etsa15</b>		Num 8	Unweighted scope in Light, sound, heat, electricity, & magnetism overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
54	0.6%	0	0
110	1.3%	.00045965460852	.00045965460852
2	0.0%	.00052901986639	.00052901986639
1	0.0%	.00056892382609	.00056892382609
22	0.3%	.00113784765219	.00113784765219
8585	97.7%	.00120252496746-.38176625095141	NOTE: Range of values omitted from display
1	0.0%	.43221231511803	.43221231511803
1	0.0%	.45320647866697	.45320647866697
3	0.0%	.53907023377117	.53907023377117
3	0.0%	.5712225181084301	.5712225181084301
1	0.0%	.6378068543577	.6378068543577

<b>etsa16</b>		Num 8	Unweighted scope in Matter & transformations of matter overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
647	7.4%	0	0
1	0.0%	.0002088687708	.0002088687708
1	0.0%	.00028142711462	.00028142711462
20	0.2%	.00031330315621	.00031330315621
1	0.0%	.00035151203228	.00035151203228
8103	92.3%	.00041773754161-.12212901113008	NOTE: Range of values omitted from display
1	0.0%	.12620115124665	.12620115124665
2	0.0%	.12844225136393	.12844225136393
1	0.0%	.13038929119006	.13038929119006
1	0.0%	.14705391337875	.14705391337875
5	0.1%	.16566557539356	.16566557539356

<b>etsa17</b>		Num 8	Unweighted scope in Nuclear physics overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2167	24.7%	0	0
3	0.0%	.00007302892465	.00007302892465
10	0.1%	.00008611908995	.00008611908995
25	0.3%	.00009128615581	.00009128615581
57	0.6%	.00010764886244	.00010764886244
6499	74.0%	.00012171487442-.05425894954732	NOTE: Range of values omitted from display
1	0.0%	.05478566616919	.05478566616919
8	0.1%	.06021830868314	.06021830868314
9	0.1%	.07213702695478	.07213702695478
3	0.0%	.07699666552797	.07699666552797
1	0.0%	.1020346820594	.1020346820594

<b>etsa18</b>		Num 8	Unweighted scope in Chemical changes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
629	7.2%	0	0
1	0.0%	.00050167181521	.00050167181521

1	0.0%	.00062277740656	.00062277740656
7	0.1%	.00063895441829	.00063895441829
31	0.4%	.00075250772282	.00075250772282
8095	92.2%	.00100334363042-.42232857262739	NOTE: Range of values omitted from display
1	0.0%	.43628314229396	.43628314229396
2	0.0%	.45023771196053	.45023771196053
1	0.0%	.46328552289975	.46328552289975
2	0.0%	.47814685129367	.47814685129367
13	0.1%	.61418668139692	.61418668139692

<b>etsa19</b>		Num 8	Unweighted scope in Motion overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1775	20.2%	0	0
3	0.0%	.00005052939376	.00005052939376
1	0.0%	.00006274882712	.00006274882712
1	0.0%	.00007171294528	.00007171294528
27	0.3%	.00007579409064	.00007579409064
6967	79.3%	.00008226224718-.16837509933035	NOTE: Range of values omitted from display
1	0.0%	.18715467708789	.18715467708789
3	0.0%	.18840623194465	.18840623194465
1	0.0%	.19311231958506	.19311231958506
3	0.0%	.24737958495085	.24737958495085
1	0.0%	.31519435512517	.31519435512517

<b>etsa20</b>		Num 8	Unweighted scope in Science, technology, & math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
16	0.2%	0	0
13	0.1%	.00030406830395	.00030406830395
1	0.0%	.0005114037817	.0005114037817
2	0.0%	.00071979530447	.00071979530447
14	0.2%	.00080153332223	.00080153332223
8627	98.2%	.0010228075634-.06495489877433	NOTE: Range of values omitted from display
17	0.2%	.06911321907312	.06911321907312

1	0.0%	.06918522424416	.06918522424416
1	0.0%	.07264593449403	.07264593449403
47	0.5%	.08015550422977	.08015550422977
44	0.5%	.09224104428802	.09224104428802

<b>etsa21</b>		Num 8	Unweighted scope in History of science & technology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
214	2.4%	0	0
1	0.0%	.00017267051789	.00017267051789
2	0.0%	.00024771565172	.00024771565172
3	0.0%	.00033294320627	.00033294320627
2	0.0%	.00039754260141	.00039754260141
8542	97.3%	.00045725737392-.03589498730743	NOTE: Range of values omitted from display
1	0.0%	.03683272347177	.03683272347177
2	0.0%	.03901956740655	.03901956740655
9	0.1%	.04206083425507	.04206083425507
1	0.0%	.04248558215439	.04248558215439
6	0.1%	.04668019819499	.04668019819499

<b>etsa22</b>		Num 8	Unweighted scope in Environments & resources overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
89	1.0%	0	0
1	0.0%	.00027801022923	.00027801022923
1	0.0%	.00030071010465	.00030071010465
1	0.0%	.00030493007501	.00030493007501
11	0.1%	.00045106515697	.00045106515697
8640	98.4%	.00051334549565-.19848941209954	NOTE: Range of values omitted from display
5	0.1%	.20637512658295	.20637512658295
7	0.1%	.26850243853289	.26850243853289
1	0.0%	.29689369049014	.29689369049014
26	0.3%	.29721450819041	.29721450819041
1	0.0%	.30884368230672	.30884368230672

<b>etsa23</b>		Num 8	Unweighted scope in Nature of science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
118	1.3%	0	0
1	0.0%	.00024865059205	.00024865059205
2	0.0%	.00037297588808	.00037297588808
2	0.0%	.00056395742482	.00056395742482
4	0.0%	.00056974918902	.00056974918902
8604	98.0%	.00074595177617-.06107366301225	NOTE: Range of values omitted from display
27	0.3%	.06149891411469	.06149891411469
1	0.0%	.0632628867582	.0632628867582
1	0.0%	.06599034924411	.06599034924411
5	0.1%	.07497321950295	.07497321950295
18	0.2%	.07838372423938	.07838372423938

<b>etsa24</b>		Num 8	Unweighted scope in Science & other disciplines overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
692	7.9%	0	0
2	0.0%	.00009404797624	.00009404797624
2	0.0%	.00014401588027	.00014401588027
1	0.0%	.00016585898806	.00016585898806
1	0.0%	.00017033551446	.00017033551446
8076	92.0%	.00017157372776-.12181730172754	NOTE: Range of values omitted from display
1	0.0%	.12247067528709	.12247067528709
4	0.0%	.12546391828315	.12546391828315
1	0.0%	.12767221311578	.12767221311578
2	0.0%	.13676239768196	.13676239768196
1	0.0%	.14889129453305	.14889129453305

<b>etsa25</b>		Num 8	Unweighted scope in Understanding overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6418	73.1%	0	0
1	0.0%	.00002015313776	.00002015313776

1	0.0%	.00002192921016	.00002192921016
9	0.1%	.0000251914222	.0000251914222
1	0.0%	.00003144359719	.00003144359719
2208	25.1%	.00003178437816-.0008392860312	NOTE: Range of values omitted from display
1	0.0%	.00089222676215	.00089222676215
4	0.0%	.00090636612856	.00090636612856
1	0.0%	.00102266605709	.00102266605709
17	0.2%	.00104813044083	.00104813044083
122	1.4%	.0011190480416	.0011190480416

<b>etsa26</b>		Num 8	Unweighted scope in Analyzing & solving problems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7307	83.2%	0	0
1	0.0%	.00001164258799	.00001164258799
6	0.1%	.00001397110559	.00001397110559
3	0.0%	.00001465870015	.00001465870015
23	0.3%	.00001746388198	.00001746388198
1384	15.8%	.00001832337519-.00257981481483	NOTE: Range of values omitted from display
3	0.0%	.00260131580823	.00260131580823
38	0.4%	.00270752739206	.00270752739206
1	0.0%	.00324903287047	.00324903287047
14	0.2%	.00406129108809	.00406129108809
3	0.0%	.00501991857377	.00501991857377

<b>etsa27</b>		Num 8	Unweighted scope in Using tools & procedures overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6462	73.6%	0	0
1	0.0%	.00001100728241	.00001100728241
6	0.1%	.00001375910302	.00001375910302
11	0.1%	.00001834547069	.00001834547069
13	0.1%	.00002201456483	.00002201456483
2185	24.9%	.00002751820604-.00448132893327	NOTE: Range of values omitted from display
2	0.0%	.0047509837405	.0047509837405



47	0.5%	.00531674891608	.00531674891608
5	0.1%	.00633464498734	.00633464498734
50	0.6%	.00640967837654	.00640967837654
1	0.0%	.02131157001058	.02131157001058

<b>etsa28</b>		Num 8	Unweighted scope in Investigating overall
Frequency	Percent	Value	Label
8643	98.4%	0	0
1	0.0%	.00010096655847	.00010096655847
1	0.0%	.00023071509997	.00023071509997
8	0.1%	.00028839387496	.00028839387496
1	0.0%	.00032959299996	.00032959299996
22	0.3%	.00038452516662	.00038452516662
5	0.1%	.00046143019995	.00046143019995
33	0.4%	.00057678774993	.00057678774993
1	0.0%	.00065900000475	.00065900000475
18	0.2%	.00076905033325	.00076905033325
4	0.0%	.00082375000594	.00082375000594
2	0.0%	.0008651816249	.0008651816249
11	0.1%	.00109833334125	.00109833334125
5	0.1%	.00115357549987	.00115357549987
25	0.3%	.00164750001188	.00164750001188
3	0.0%	.00329500002376	.00329500002376

<b>etsa29</b>		Num 8	Unweighted scope in Communicating overall
Frequency	Percent	Value	Label
8541	97.2%	0	0
3	0.0%	.00007275871615	.00007275871615
19	0.2%	.00009094839519	.00009094839519
35	0.4%	.00012126452692	.00012126452692
2	0.0%	.0001455174323	.0001455174323
45	0.5%	.00018189679038	.00018189679038
11	0.1%	.00024252905384	.00024252905384
1	0.0%	.00029103486461	.00029103486461

23	0.3%	.00036379358077	.00036379358077
2	0.0%	.00052403755975	.00052403755975
1	0.0%	.00054569037115	.00054569037115
18	0.2%	.0006288450717	.0006288450717
15	0.2%	.00072758716154	.00072758716154
14	0.2%	.00078605633963	.00078605633963
38	0.4%	.0010480751195	.0010480751195
1	0.0%	.00125769014341	.00125769014341
14	0.2%	.00157211267926	.00157211267926

<b>etsb1</b>		Num 8	IGP scope in Earth features overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1375	15.7%	0	0
6	0.1%	.00011378677894	.00011378677894
35	0.4%	.00014223347368	.00014223347368
3	0.0%	.00017535428237	.00017535428237
3	0.0%	.00018964463157	.00018964463157
7324	83.4%	.00019900890122-.1935747708394	NOTE: Range of values omitted from display
1	0.0%	.20295644276268	.20295644276268
2	0.0%	.21738934560416	.21738934560416
8	0.1%	.22182186302992	.22182186302992
22	0.3%	.2276965832109	.2276965832109
4	0.0%	.25561090250483	.25561090250483

<b>etsb2</b>		Num 8	IGP scope in Earth process overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
225	2.6%	0	0
5	0.1%	.00007097348923	.00007097348923
52	0.6%	.00014194697847	.00014194697847
1	0.0%	.00014464829873	.00014464829873
2	0.0%	.00023294707041	.00023294707041
8376	95.4%	.00028860998326-.21533945165238	NOTE: Range of values omitted from display
22	0.3%	.22313414309193	.22313414309193

81	0.9%	.22360412270975	.22360412270975
2	0.0%	.22689063861559	.22689063861559
2	0.0%	.29055304190663	.29055304190663
15	0.2%	.42445088030039	.42445088030039

<b>etsb3</b>		Num 8	IGP scope in Earth and the universe overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2597	29.6%	0	0
4	0.0%	.00001732815061	.00001732815061
13	0.1%	.00002310420082	.00002310420082
16	0.2%	.00003465630123	.00003465630123
1	0.0%	.00004620840164	.00004620840164
6109	69.6%	.00005198445184-.10180043836506	NOTE: Range of values omitted from display
1	0.0%	.1034396246073	.1034396246073
1	0.0%	.11452549316069	.11452549316069
22	0.3%	.12010825962959	.12010825962959
15	0.2%	.13829630008678	.13829630008678
4	0.0%	.15270065754759	.15270065754759

<b>etsb4</b>		Num 8	IGP scope in Plants, animals, and their life cycles overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
374	4.3%	0	0
1	0.0%	.00008766740239	.00008766740239
1	0.0%	.00010431557995	.00010431557995
2	0.0%	.00015463482515	.00015463482515
3	0.0%	.00016486300052	.00016486300052
8326	94.8%	.00016692334323-.35517192122612	NOTE: Range of values omitted from display
28	0.3%	.36030628681826	.36030628681826
9	0.1%	.36104068675502	.36104068675502
31	0.4%	.38381522794502	.38381522794502
3	0.0%	.40735692252178	.40735692252178
5	0.1%	.43089861709854	.43089861709854

<b>etsb5</b>		Num 8	IGP scope in Organs overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
597	6.8%	0	0
6	0.1%	.00015167396048	.00015167396048
4	0.0%	.00017297548014	.00017297548014
4	0.0%	.00021518676374	.00021518676374
7	0.1%	.00022751094072	.00022751094072
8156	92.9%	.00030334792096-.31423695468064	NOTE: Range of values omitted from display
2	0.0%	.34087746071381	.34087746071381
1	0.0%	.34714229988192	.34714229988192
2	0.0%	.37996361918923	.37996361918923
2	0.0%	.38942442357041	.38942442357041
2	0.0%	.56739238208648	.56739238208648

<b>etsb6</b>		Num 8	IGP scope in Biochemistry/microbiology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
629	7.2%	0	0
1	0.0%	.00002518416952	.00002518416952
16	0.2%	.00005036833904	.00005036833904
4	0.0%	.00010073667809	.00010073667809
1	0.0%	.00023952121054	.00023952121054
8099	92.2%	.00049172687883-.26772338332354	NOTE: Range of values omitted from display
14	0.2%	.27605610617547	.27605610617547
3	0.0%	.30073839036907	.30073839036907
2	0.0%	.31174339271757	.31174339271757
9	0.1%	.32136233445535	.32136233445535
5	0.1%	.33375339741459	.33375339741459

<b>etsb7</b>		Num 8	IGP scope in Biosystems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
298	3.4%	0	0
2	0.0%	.0003085783179	.0003085783179

4	0.0%	.00032619061049	.00032619061049
4	0.0%	.00034071237592	.00034071237592
1	0.0%	.00034456847625	.00034456847625
8449	96.2%	.00043247551933-.29205996084089	NOTE: Range of values omitted from display
3	0.0%	.30695324804862	.30695324804862
1	0.0%	.30955601897146	.30955601897146
2	0.0%	.35291487278602	.35291487278602
18	0.2%	.3601390172396	.3601390172396
1	0.0%	.37188735723708	.37188735723708

<b>etsb8</b>		Num 8	IGP scope in Evolution overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
717	8.2%	0	0
1	0.0%	.00011580335108	.00011580335108
1	0.0%	.00019239108432	.00019239108432
1	0.0%	.0002251505326	.0002251505326
1	0.0%	.00023160670217	.00023160670217
8013	91.2%	.0003268804931-.12070345751999	NOTE: Range of values omitted from display
1	0.0%	.12171842397388	.12171842397388
31	0.4%	.1268359030869	.1268359030869
9	0.1%	.13540159179591	.13540159179591
3	0.0%	.1508412589942	.1508412589942
5	0.1%	.1748466149015	.1748466149015

<b>etsb9</b>		Num 8	IGP scope in Environments & ecology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
576	6.6%	0	0
1	0.0%	.00005692405086	.00005692405086
2	0.0%	.00007694788397	.00007694788397
2	0.0%	.00007877694829	.00007877694829
2	0.0%	.00011384810173	.00011384810173
8155	92.8%	.00011463496384-.13627338177117	NOTE: Range of values omitted from display
26	0.3%	.13997654551289	.13997654551289

2	0.0%	.14188157169578	.14188157169578
15	0.2%	.14358267581623	.14358267581623
1	0.0%	.16320370495066	.16320370495066
1	0.0%	.19725495481974	.19725495481974

<b>etsb10</b>		Num 8	IGP scope in Nutrition & disease overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
256	2.9%	0	0
1	0.0%	.00005609074118	.00005609074118
5	0.1%	.00010150819376	.00010150819376
32	0.4%	.00015226229065	.00015226229065
13	0.1%	.00015458617321	.00015458617321
8426	95.9%	.00022436296473-.19770911878359	NOTE: Range of values omitted from display
1	0.0%	.20057603246282	.20057603246282
2	0.0%	.21908706317071	.21908706317071
43	0.5%	.24046500755784	.24046500755784
2	0.0%	.29103135335456	.29103135335456
2	0.0%	.39541823756719	.39541823756719

<b>etsb11</b>		Num 8	IGP scope in Matter overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
199	2.3%	0	0
3	0.0%	.00010646667709	.00010646667709
3	0.0%	.00015970001564	.00015970001564
2	0.0%	.00031940003129	.00031940003129
2	0.0%	.00057069621003	.00057069621003
8504	96.8%	.00076465501848-.14617688137522	NOTE: Range of values omitted from display
1	0.0%	.15532428568089	.15532428568089
50	0.6%	.1690533243109	.1690533243109
13	0.1%	.18504952544291	.18504952544291
5	0.1%	.19699953327858	.19699953327858
1	0.0%	.22290475091261	.22290475091261

<b>etsb12</b>		Num 8	IGP scope in Chemical properties overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
170	1.9%	0	0
1	0.0%	.00027994566905	.00027994566905
1	0.0%	.00032004337784	.00032004337784
1	0.0%	.00036576386039	.00036576386039
4	0.0%	.00042672450379	.00042672450379
8459	96.3%	.00064008675569-.20176600075955	NOTE: Range of values omitted from display
50	0.6%	.22222298470889	.22222298470889
85	1.0%	.22804453208563	.22804453208563
2	0.0%	.2502968997537	.2502968997537
9	0.1%	.27976029725648	.27976029725648
1	0.0%	.35775459375342	.35775459375342

<b>etsb13</b>		Num 8	IGP scope in Structure of matter & physical changes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
27	0.3%	0	0
2	0.0%	.00121316725834	.00121316725834
1	0.0%	.00187069545913	.00187069545913
61	0.7%	.00242633451668	.00242633451668
2	0.0%	.0026115909862	.0026115909862
8597	97.9%	.00267947363136-.37624533422083	NOTE: Range of values omitted from display
2	0.0%	.39461907245054	.39461907245054
1	0.0%	.42317252937916	.42317252937916
4	0.0%	.43219974667965	.43219974667965
1	0.0%	.46667999926908	.46667999926908
85	1.0%	.475891392687	.475891392687

<b>etsb14</b>		Num 8	IGP scope in Forces, energy, & transformations energy overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
276	3.1%	0	0
1	0.0%	.00027944668551	.00027944668551

3	0.0%	.00044764780547	.00044764780547
1	0.0%	.00056132112171	.00056132112171
1	0.0%	.00075208892452	.00075208892452
8437	96.1%	.00109692932794-.26838716845094	NOTE: Range of values omitted from display
56	0.6%	.27604566838302	.27604566838302
3	0.0%	.2788554419791	.2788554419791
1	0.0%	.28622738138536	.28622738138536
3	0.0%	.29046169157355	.29046169157355
1	0.0%	.2998099672291	.2998099672291

<b>etsb15</b>		Num 8	IGP scope in Light, sound, heat, electricity, & magnetism overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
54	0.6%	0	0
110	1.3%	.00043874763668	.00043874763668
2	0.0%	.00048750531093	.00048750531093
1	0.0%	.00052401792118	.00052401792118
22	0.3%	.00104803584237	.00104803584237
8585	97.7%	.0011178453236-.41535462748046	NOTE: Range of values omitted from display
1	0.0%	.45698417177589	.45698417177589
1	0.0%	.45766031605172	.45766031605172
3	0.0%	.56140896035601	.56140896035601
3	0.0%	.59761071247568	.59761071247568
1	0.0%	.68689847482711	.68689847482711

<b>etsb16</b>		Num 8	IGP scope in Matter & transformations of matter overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
647	7.4%	0	0
1	0.0%	.00024320719664	.00024320719664
1	0.0%	.000347962702	.000347962702
20	0.2%	.00036481079497	.00036481079497
1	0.0%	.00045113517933	.00045113517933
8103	92.3%	.00048641439329-.14041294942384	NOTE: Range of values omitted from display
1	0.0%	.14362123213769	.14362123213769



2	0.0%	.14812473144247	.14812473144247
1	0.0%	.14837588352886	.14837588352886
1	0.0%	.16992389358108	.16992389358108
5	0.1%	.1917230557197	.1917230557197

<b>etsb17</b>		Num 8	IGP scope in Nuclear physics overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2499	28.5%	0	0
1	0.0%	.00008717131152	.00008717131152
3	0.0%	.00010460557383	.00010460557383
10	0.1%	.00012584928594	.00012584928594
25	0.3%	.00013075696729	.00013075696729
6221	70.8%	.00015731160742-.07519025002591	NOTE: Range of values omitted from display
3	0.0%	.07588408457095	.07588408457095
8	0.1%	.08613582544526	.08613582544526
3	0.0%	.09413668122883	.09413668122883
9	0.1%	.10663930719387	.10663930719387
1	0.0%	.14664403803955	.14664403803955

<b>etsb18</b>		Num 8	IGP scope in Chemical changes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
629	7.2%	0	0
1	0.0%	.00066459553196	.00066459553196
1	0.0%	.00080969496926	.00080969496926
7	0.1%	.00083089465517	.00083089465517
31	0.4%	.00099689329794	.00099689329794
8095	92.2%	.00132366609891-.53617994232941	NOTE: Range of values omitted from display
1	0.0%	.54655602939145	.54655602939145
2	0.0%	.55693211645348	.55693211645348
1	0.0%	.56218476994737	.56218476994737
2	0.0%	.57768429057755	.57768429057755
13	0.1%	.75019613099076	.75019613099076

<b>etsb19</b>		Num 8	IGP scope in Motion overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1775	20.2%	0	0
1	0.0%	.00005632971958	.00005632971958
3	0.0%	.00005919614297	.00005919614297
1	0.0%	.00006437682237	.00006437682237
10	0.1%	.00007510629277	.00007510629277
6984	79.5%	.00008879421445-.19019816970188	NOTE: Range of values omitted from display
1	0.0%	.20112564799662	.20112564799662
3	0.0%	.20693767105591	.20693767105591
1	0.0%	.2085123497109	.2085123497109
3	0.0%	.25178835740448	.25178835740448
1	0.0%	.35068714544267	.35068714544267

<b>etsb20</b>		Num 8	IGP scope in Science, technology, & math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
16	0.2%	0	0
13	0.1%	.00030707567829	.00030707567829
1	0.0%	.00061259525336	.00061259525336
14	0.2%	.00073250414833	.00073250414833
2	0.0%	.00100873786552	.00100873786552
8627	98.2%	.00108650911101-.07008317924626	NOTE: Range of values omitted from display
1	0.0%	.07722634873249	.07722634873249
1	0.0%	.07873059008025	.07873059008025
17	0.2%	.08186946887471	.08186946887471
44	0.5%	.08476216452183	.08476216452183
47	0.5%	.09748754960905	.09748754960905

<b>etsb21</b>		Num 8	IGP scope in History of science & technology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
219	2.5%	0	0
1	0.0%	.00012778300809	.00012778300809

2	0.0%	.00018891831425	.00018891831425
3	0.0%	.00026859255305	.00026859255305
2	0.0%	.00030438701769	.00030438701769
8050	91.7%	.00057602684951-.04036527846322	NOTE: Range of values omitted from display
1	0.0%	.04098078243867	.04098078243867
6	0.1%	.04118022249926	.04118022249926
39	0.4%	.04233387535348	.04233387535348
3	0.0%	.04331817379861	.04331817379861
457	5.2%	.046271069134	.046271069134

<b>etsb22</b>		Num 8	IGP scope in Environments & resources overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
97	1.1%	0	0
1	0.0%	.00028696926563	.00028696926563
11	0.1%	.00043045389844	.00043045389844
2	0.0%	.00046649026226	.00046649026226
5	0.1%	.00050083050918	.00050083050918
8627	98.2%	.00069259742938-.1946105358827	NOTE: Range of values omitted from display
5	0.1%	.21565903057385	.21565903057385
7	0.1%	.28072707424308	.28072707424308
1	0.0%	.28736020785158	.28736020785158
1	0.0%	.29428972825971	.29428972825971
26	0.3%	.31444052012594	.31444052012594

<b>etsb23</b>		Num 8	IGP scope in Nature of science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
118	1.3%	0	0
1	0.0%	.00022429456567	.00022429456567
2	0.0%	.00033644184851	.00033644184851
4	0.0%	.00056039914413	.00056039914413
2	0.0%	.00063753405795	.00063753405795
8626	98.2%	.00067288369703-.06146118897966	NOTE: Range of values omitted from display
5	0.1%	.06248188448655	.06248188448655

1	0.0%	.0633274448584	.0633274448584
1	0.0%	.0638651745157	.0638651745157
5	0.1%	.07089792214093	.07089792214093
18	0.2%	.0784788784594	.0784788784594

<b>etsb24</b>		Num 8	IGP scope in Science & other disciplines overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
692	7.9%	0	0
2	0.0%	.00008069053422	.00008069053422
2	0.0%	.00011296222665	.00011296222665
1	0.0%	.00013923750784	.00013923750784
7	0.1%	.00014817982352	.00014817982352
8061	91.8%	.0001506163022-.13838798967171	NOTE: Range of values omitted from display
10	0.1%	.14295553288215	.14295553288215
4	0.0%	.14962092610093	.14962092610093
1	0.0%	.1496820923416	.1496820923416
1	0.0%	.15519871646418	.15519871646418
2	0.0%	.16638697181224	.16638697181224

<b>etsb25</b>		Num 8	IGP scope in Understanding overall
Frequency	Percent	Value	Label
8502	96.8%	0	0
1	0.0%	.0000280670609	.0000280670609
1	0.0%	.00003118562322	.00003118562322
6	0.1%	.00003508382612	.00003508382612
11	0.1%	.00004677843483	.00004677843483
13	0.1%	.0000561341218	.0000561341218
83	0.9%	.00007016765225	.00007016765225
75	0.9%	.00009355686967	.00009355686967
4	0.0%	.0001122682436	.0001122682436
80	0.9%	.00014033530451	.00014033530451
3	0.0%	.00016840236541	.00016840236541
2	0.0%	.00018711373934	.00018711373934

1	0.0%	.00021050295676	.00021050295676
1	0.0%	.00028067060902	.00028067060902

<b>etsb26</b>			
		Num 8	IGP scope in Analyzing & solving problems overall
Frequency	Percent	Value	Label
8687	98.9%	0	0
1	0.0%	.00001941064918	.00001941064918
8	0.1%	.00002426331148	.00002426331148
1	0.0%	.00002772949884	.00002772949884
22	0.3%	.00003235108198	.00003235108198
5	0.1%	.00003882129837	.00003882129837
33	0.4%	.00004852662297	.00004852662297
18	0.2%	.00006470216396	.00006470216396
2	0.0%	.00007278993445	.00007278993445
5	0.1%	.00009705324594	.00009705324594
1	0.0%	.00131698074062	.00131698074062

<b>etsb27</b>			
		Num 8	IGP scope in Using tools & procedures overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7670	87.3%	0	0
1	0.0%	.00001473791614	.00001473791614
6	0.1%	.00001842239518	.00001842239518
11	0.1%	.00002456319358	.00002456319358
13	0.1%	.00002947583229	.00002947583229
882	10.0%	.00003684479037-.00180593143543	NOTE: Range of values omitted from display
141	1.6%	.00225741429429	.00225741429429
1	0.0%	.00229425908467	.00229425908467
2	0.0%	.00233110387504	.00233110387504
6	0.1%	.00300988572573	.00300988572573
50	0.6%	.00451482858859	.00451482858859

<b>etsb28</b>			
		Num 8	IGP scope in Investigating overall
Frequency	Percent	Value	Label
8688	98.9%	0	0

1	0.0%	.00008684155658	.00008684155658
8	0.1%	.00010855194573	.00010855194573
1	0.0%	.00012405936654	.00012405936654
22	0.3%	.00014473592764	.00014473592764
5	0.1%	.00017368311316	.00017368311316
33	0.4%	.00021710389146	.00021710389146
18	0.2%	.00028947185528	.00028947185528
2	0.0%	.00032565583719	.00032565583719
5	0.1%	.00043420778292	.00043420778292

<b>etsb29</b>		Num 1	IGP scope in Communicating overall
Frequency	Percent	Value	Label
8783	100.0%	0	0

<b>etsc1</b>		Num 8	PE scope in Earth features overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1375	15.7%	0	0
6	0.1%	.00004298719209	.00004298719209
35	0.4%	.00005373399011	.00005373399011
3	0.0%	.00007164532015	.00007164532015
1	0.0%	.00008597438418	.00008597438418
7326	83.4%	.00010746798023-.20848572785115	NOTE: Range of values omitted from display
2	0.0%	.22035949367883	.22035949367883
1	0.0%	.22072512016381	.22072512016381
8	0.1%	.2331341415087	.2331341415087
4	0.0%	.23892777475318	.23892777475318
22	0.3%	.25382683958786	.25382683958786

<b>etsc2</b>		Num 8	PE scope in Earth process overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
225	2.6%	0	0
5	0.1%	.00006490924101	.00006490924101
52	0.6%	.00012981848203	.00012981848203

1	0.0%	.00017405601682	.00017405601682
2	0.0%	.00028431515952	.00028431515952
8346	95.0%	.00034811203364-.24652042040825	NOTE: Range of values omitted from display
22	0.3%	.25880280306291	.25880280306291
32	0.4%	.26079832188861	.26079832188861
81	0.9%	.2659275332266	.2659275332266
2	0.0%	.34927055910711	.34927055910711
15	0.2%	.51595661086815	.51595661086815

<b>etsc3</b>		Num 8	PE scope in Earth and the universe overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2597	29.6%	0	0
2	0.0%	.00004855574909	.00004855574909
5	0.1%	.00005826689891	.00005826689891
4	0.0%	.00006243043438	.00006243043438
1	0.0%	.00007006721886	.00007006721886
6086	69.3%	.00007126788484-.10390845129729	NOTE: Range of values omitted from display
1	0.0%	.11849643760775	.11849643760775
46	0.5%	.12717718005283	.12717718005283
22	0.3%	.1320632546052	.1320632546052
4	0.0%	.13279546760338	.13279546760338
15	0.2%	.15162911033539	.15162911033539

<b>etsc4</b>		Num 8	PE scope in Plants, animals, and their life cycles overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
374	4.3%	0	0
1	0.0%	.0000874337668	.0000874337668
6	0.1%	.00013099865004	.00013099865004
1	0.0%	.00019738991072	.00019738991072
2	0.0%	.00025014499546	.00025014499546
8222	93.6%	.00026199730009-.41299137359317	NOTE: Range of values omitted from display
110	1.3%	.41977282596826	.41977282596826
31	0.4%	.44110607277793	.44110607277793

28	0.3%	.45580335141307	.45580335141307
3	0.0%	.46552971806147	.46552971806147
5	0.1%	.48995336334501	.48995336334501

<b>etsc5</b>		Num 8	PE scope in Organs overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
597	6.8%	0	0
6	0.1%	.00008857300303	.00008857300303
7	0.1%	.00013285950455	.00013285950455
3	0.0%	.00017714600607	.00017714600607
18	0.2%	.00026571900911	.00026571900911
8143	92.7%	.00029998816974-.29492759444945	NOTE: Range of values omitted from display
1	0.0%	.30333827539023	.30333827539023
2	0.0%	.31550929972003	.31550929972003
2	0.0%	.34069139848154	.34069139848154
2	0.0%	.4406327004847	.4406327004847
2	0.0%	.48723270909761	.48723270909761

<b>etsc6</b>		Num 8	PE scope in Biochemistry/microbiology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
626	7.1%	0	0
1	0.0%	.0000172168746	.0000172168746
16	0.2%	.0000344337492	.0000344337492
4	0.0%	.00006886749841	.00006886749841
2	0.0%	.00027794054652	.00027794054652
8116	92.4%	.00037388734622-.18846545806888	NOTE: Range of values omitted from display
10	0.1%	.19232262748224	.19232262748224
5	0.1%	.19946016949185	.19946016949185
1	0.0%	.19951740033278	.19951740033278
1	0.0%	.20776498316308	.20776498316308
1	0.0%	.21699701116898	.21699701116898

<b>etsc7</b>		Num 8	PE scope in Biosystems overall NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
298	3.4%	0	0
1	0.0%	.00013845081248	.00013845081248
1	0.0%	.00020683255884	.00020683255884
15	0.2%	.00020767621872	.00020767621872
2	0.0%	.00023200747618	.00023200747618
8439	96.1%	.00031422674886-.23333173583927	NOTE: Range of values omitted from display
5	0.1%	.24439287304539	.24439287304539
1	0.0%	.24459880960961	.24459880960961
1	0.0%	.25026162713146	.25026162713146
2	0.0%	.27617645997111	.27617645997111
18	0.2%	.28463630148249	.28463630148249

<b>etsc8</b>		Num 8	PE scope in Evolution overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
717	8.2%	0	0
1	0.0%	.00016866655412	.00016866655412
1	0.0%	.00020275292722	.00020275292722
1	0.0%	.00026916036204	.00026916036204
1	0.0%	.00042286273599	.00042286273599
7912	90.1%	.00045008473234-.08958271853366	NOTE: Range of values omitted from display
1	0.0%	.09066644132882	.09066644132882
31	0.4%	.09947840650994	.09947840650994
110	1.3%	.10444216472616	.10444216472616
3	0.0%	.10837680827877	.10837680827877
5	0.1%	.1172752100476	.1172752100476

<b>etsc9</b>		Num 8	PE scope in Environments & ecology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
573	6.5%	0	0
2	0.0%	.00003299869823	.00003299869823
16	0.2%	.00006599739647	.00006599739647
1	0.0%	.00009172717203	.00009172717203

4	0.0%	.00011442978332	.00011442978332
8147	92.8%	.00013199479294-.1586722989496	NOTE: Range of values omitted from display
5	0.1%	.15983120000656	.15983120000656
7	0.1%	.16866355727144	.16866355727144
1	0.0%	.19377499090514	.19377499090514
26	0.3%	.20775079798444	.20775079798444
1	0.0%	.20963843268002	.20963843268002

<b>etsc10</b>		Num 8	PE scope in Nutrition & disease overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
256	2.9%	0	0
13	0.1%	.00008294610812	.00008294610812
1	0.0%	.00013111314437	.00013111314437
5	0.1%	.00018106479171	.00018106479171
2	0.0%	.00026633459566	.00026633459566
8334	94.9%	.00027159718757-.191544115535	NOTE: Range of values omitted from display
43	0.5%	.20722481189646	.20722481189646
110	1.3%	.21032607524479	.21032607524479
2	0.0%	.23245433559927	.23245433559927
15	0.2%	.23443231653105	.23443231653105
2	0.0%	.35172683834709	.35172683834709

<b>etsc11</b>		Num 8	PE scope in Matter overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
199	2.3%	0	0
3	0.0%	.00004712085379	.00004712085379
3	0.0%	.00007068128069	.00007068128069
2	0.0%	.00014136256139	.00014136256139
2	0.0%	.0003360583155	.0003360583155
8502	96.8%	.0005509848802-.14558540606304	NOTE: Range of values omitted from display
3	0.0%	.15561002334762	.15561002334762
50	0.6%	.16685741659903	.16685741659903
13	0.1%	.16688214071042	.16688214071042

1	0.0%	.18816486436206	.18816486436206
5	0.1%	.18981375960679	.18981375960679

<b>etsc12</b>		Num 8	PE scope in Chemical properties overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
170	1.9%	0	0
1	0.0%	.00027772343992	.00027772343992
1	0.0%	.00031739821705	.00031739821705
4	0.0%	.0003702979199	.0003702979199
1	0.0%	.00043713261806	.00043713261806
8504	96.8%	.000441795394-.20646005625256	NOTE: Range of values omitted from display
2	0.0%	.20792022171398	.20792022171398
5	0.1%	.20802070434559	.20802070434559
9	0.1%	.25678417489971	.25678417489971
85	1.0%	.27983545875555	.27983545875555
1	0.0%	.30554764545382	.30554764545382

<b>etsc13</b>		Num 8	PE scope in Structure of matter & physical changes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
27	0.3%	0	0
2	0.0%	.00088359078801	.00088359078801
1	0.0%	.00091703025038	.00091703025038
2	0.0%	.00094454550891	.00094454550891
1	0.0%	.00125939401188	.00125939401188
8657	98.6%	.00149798473839-.39841702851756	NOTE: Range of values omitted from display
1	0.0%	.44975032338063	.44975032338063
4	0.0%	.45345892414173	.45345892414173
2	0.0%	.46750658820213	.46750658820213
1	0.0%	.55553124862023	.55553124862023
85	1.0%	.5812013074657	.5812013074657

<b>etsc14</b>		Num 8	PE scope in Forces, energy, & transformations energy overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label

276	3.1%	0	0
1	0.0%	.00031601424746	.00031601424746
1	0.0%	.00046837566551	.00046837566551
3	0.0%	.00052039947844	.00052039947844
31	0.4%	.00078712125743	.00078712125743
8462	96.3%	.00105917602943-.24684352415706	NOTE: Range of values omitted from display
1	0.0%	.30085897396144	.30085897396144
3	0.0%	.37065041776978	.37065041776978
3	0.0%	.40304728172883	.40304728172883
1	0.0%	.40544683532168	.40544683532168
1	0.0%	.43132824273098	.43132824273098

<b>etsc15</b>		Num 8	PE scope in Light, sound, heat, electricity, & magnetism overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
54	0.6%	0	0
2	0.0%	.00028272512279	.00028272512279
110	1.3%	.00059450231058	.00059450231058
3	0.0%	.00112781093779	.00112781093779
1	0.0%	.00136329859817	.00136329859817
8604	98.0%	.00138631713586-.64113930751133	NOTE: Range of values omitted from display
1	0.0%	.64918844469755	.64918844469755
3	0.0%	.7229003791334	.7229003791334
3	0.0%	.73866623442296	.73866623442296
1	0.0%	.74421836634421	.74421836634421
1	0.0%	1.06802571611078	1.06802571611078

<b>etsc16</b>		Num 8	PE scope in Matter & transformations of matter overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
647	7.4%	0	0
1	0.0%	.00019056044858	.00019056044858
1	0.0%	.000220897697	.000220897697
1	0.0%	.00027764903187	.00027764903187
9	0.1%	.00028584067287	.00028584067287

8112	92.4%	.00030278542104-.12688587180039	NOTE: Range of values omitted from display
2	0.0%	.13045765713442	.13045765713442
1	0.0%	.13830540250036	.13830540250036
1	0.0%	.14009452896075	.14009452896075
3	0.0%	.14972493320032	.14972493320032
5	0.1%	.14973140078707	.14973140078707

<b>etsc17</b>		Num 8	PE scope in Nuclear physics overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2167	24.7%	0	0
3	0.0%	.00003119310107	.00003119310107
25	0.3%	.00003899137633	.00003899137633
10	0.1%	.0000426583097	.0000426583097
100	1.1%	.00005198850178	.00005198850178
6470	73.7%	.00005332288712-.06726237508731	NOTE: Range of values omitted from display
1	0.0%	.07103958319535	.07103958319535
2	0.0%	.0832659883277	.0832659883277
1	0.0%	.08671959164326	.08671959164326
3	0.0%	.11804675488206	.11804675488206
1	0.0%	.16653197665541	.16653197665541

<b>etsc18</b>		Num 8	PE scope in Chemical changes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
629	7.2%	0	0
1	0.0%	.00039559314034	.00039559314034
1	0.0%	.00041264942156	.00041264942156
7	0.1%	.00043384723941	.00043384723941
31	0.4%	.00059338971051	.00059338971051
8011	91.2%	.00067302779173-.45563646195894	NOTE: Range of values omitted from display
2	0.0%	.50906364112481	.50906364112481
13	0.1%	.5430190223967299	.5430190223967299
85	1.0%	.57081985879784	.57081985879784
1	0.0%	.57985081452582	.57985081452582

2	0.0%	.61591799945654	.61591799945654
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<b>etsc19</b>		Num 8	PE scope in Motion overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1775	20.2%	0	0
2	0.0%	.00005669595565	.00005669595565
10	0.1%	.00007559460754	.00007559460754
1	0.0%	.00010434242234	.00010434242234
45	0.5%	.00011339191131	.00011339191131
6941	79.0%	.00011924848268-.25689854058897	NOTE: Range of values omitted from display
3	0.0%	.28313754197212	.28313754197212
1	0.0%	.30317339082187	.30317339082187
1	0.0%	.34629485686509	.34629485686509
3	0.0%	.41607323155712	.41607323155712
1	0.0%	.50160988924233	.50160988924233

<b>etsc20</b>		Num 8	PE scope in Science, technology, & math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
16	0.2%	0	0
13	0.1%	.00025688052486	.00025688052486
14	0.2%	.00038248023285	.00038248023285
2	0.0%	.0006735058174	.0006735058174
1	0.0%	.00087436464893	.00087436464893
8643	98.4%	.00087870825442-.06615580425799	NOTE: Range of values omitted from display
1	0.0%	.06888811290234	.06888811290234
1	0.0%	.06894949751823	.06894949751823
1	0.0%	.0745540232748	.0745540232748
47	0.5%	.08563095605961	.08563095605961
44	0.5%	.09135046130842	.09135046130842

<b>etsc21</b>		Num 8	PE scope in History of science & technology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
214	2.4%	0	0

2	0.0%	.00013238716067	.00013238716067
2	0.0%	.00022504236617	.00022504236617
1	0.0%	.00030761184233	.00030761184233
3	0.0%	.00044723471051	.00044723471051
8533	97.2%	.00049834887928-.03168444369065	NOTE: Range of values omitted from display
11	0.1%	.03290305872218	.03290305872218
1	0.0%	.03337866019611	.03337866019611
1	0.0%	.03686758817346	.03686758817346
9	0.1%	.03921857788682	.03921857788682
6	0.1%	.03923234322279	.03923234322279

<b>etsc22</b>		Num 8	PE scope in Environments & resources overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
90	1.0%	0	0
1	0.0%	.00021614248171	.00021614248171
1	0.0%	.00027848962691	.00027848962691
1	0.0%	.00043228496343	.00043228496343
1	0.0%	.00047605191561	.00047605191561
8653	98.5%	.00055697925382-.25609230940393	NOTE: Range of values omitted from display
1	0.0%	.25857845685808	.25857845685808
1	0.0%	.26194272809925	.26194272809925
1	0.0%	.3532248163596	.3532248163596
26	0.3%	.37259103714053	.37259103714053
7	0.1%	.38413994315629	.38413994315629

<b>etsc23</b>		Num 8	PE scope in Nature of science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
118	1.3%	0	0
2	0.0%	.00030542900749	.00030542900749
1	0.0%	.00032681519317	.00032681519317
1	0.0%	.0004404323219	.0004404323219
4	0.0%	.00047475024487	.00047475024487
8630	98.3%	.00049022278976-.05604888501876	NOTE: Range of values omitted from display

3	0.0%	.05618131608078	.05618131608078
1	0.0%	.05818061052001	.05818061052001
4	0.0%	.06087625438666	.06087625438666
1	0.0%	.06098113958855	.06098113958855
18	0.2%	.07538061011187	.07538061011187

<b>etsc24</b>		Num 8	PE scope in Science & other disciplines overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
692	7.9%	0	0
7	0.1%	.00007836013451	.00007836013451
2	0.0%	.00015078673215	.00015078673215
17	0.2%	.00015672026903	.00015672026903
2	0.0%	.00018310038586	.00018310038586
8054	91.7%	.00023701068559-.19501323997072	NOTE: Range of values omitted from display
4	0.0%	.20044562525599	.20044562525599
1	0.0%	.20266839995461	.20266839995461
1	0.0%	.21377852229177	.21377852229177
1	0.0%	.22804198696941	.22804198696941
2	0.0%	.23724862615191	.23724862615191

<b>etsc25</b>		Num 8	PE scope in Understanding overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7426	84.5%	0	0
1	0.0%	.00001077048086	.00001077048086
9	0.1%	.00001346310108	.00001346310108
1	0.0%	.00001531354344	.00001531354344
1	0.0%	.00001701504826	.00001701504826
1204	13.7%	.00001795080144-.00101642068049	NOTE: Range of values omitted from display
8	0.1%	.0010985783565	.0010985783565
2	0.0%	.00123590065106	.00123590065106
8	0.1%	.00135522757399	.00135522757399
122	1.4%	.00164786753475	.00164786753475
1	0.0%	.00203284136098	.00203284136098



<b>etsc26</b>		Num 8	PE scope in Analyzing & solving problems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7410	84.4%	0	0
1	0.0%	.00001798129853	.00001798129853
1	0.0%	.00002684697718	.00002684697718
1	0.0%	.0000269719478	.0000269719478
2	0.0%	.00002996883088	.00002996883088
1311	14.9%	.00003221637261-.00181562524936	NOTE: Range of values omitted from display
1	0.0%	.00189465609958	.00189465609958
38	0.4%	.00237365067692	.00237365067692
1	0.0%	.0028483808123	.0028483808123
3	0.0%	.003467148473	.003467148473
14	0.2%	.00356047601538	.00356047601538

<b>etsc27</b>		Num 8	PE scope in Using tools & procedures overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6462	73.6%	0	0
1	0.0%	.00001608217689	.00001608217689
6	0.1%	.00002010272112	.00002010272112
11	0.1%	.00002680362816	.00002680362816
1	0.0%	.00003185087219	.00003185087219
2230	25.4%	.00003216435379-.00300738926292	NOTE: Range of values omitted from display
2	0.0%	.00308231076294	.00308231076294
13	0.1%	.00329901706764	.00329901706764
6	0.1%	.00356062683653	.00356062683653
50	0.6%	.0053409402548	.0053409402548
1	0.0%	.02955837905974	.02955837905974

<b>etsc28</b>		Num 8	PE scope in Investigating overall
Frequency	Percent	Value	Label
8643	98.4%	0	0
1	0.0%	.00003446189902	.00003446189902

1	0.0%	.00014424757164	.00014424757164
8	0.1%	.00018030946455	.00018030946455
1	0.0%	.00020606795949	.00020606795949
22	0.3%	.0002404126194	.0002404126194
5	0.1%	.00028849514329	.00028849514329
33	0.4%	.00036061892911	.00036061892911
1	0.0%	.00045882619348	.00045882619348
18	0.2%	.00048082523881	.00048082523881
2	0.0%	.00054092839366	.00054092839366
4	0.0%	.00057353274185	.00057353274185
5	0.1%	.00072123785822	.00072123785822
11	0.1%	.00076471032247	.00076471032247
25	0.3%	.0011470654837	.0011470654837
3	0.0%	.00229413096741	.00229413096741

<b>etsc29</b>		Num 8	PE scope in Communicating overall
Frequency	Percent	Value	Label
8696	99.0%	0	0
2	0.0%	.00045941626004	.00045941626004
18	0.2%	.00055129951205	.00055129951205
14	0.2%	.00068912439007	.00068912439007
38	0.4%	.00091883252009	.00091883252009
1	0.0%	.00110259902411	.00110259902411
14	0.2%	.00137824878014	.00137824878014

<b>etsd1</b>		Num 8	IGP*PE scope in Earth features overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1375	15.7%	0	0
6	0.1%	.00004377494606	.00004377494606
35	0.4%	.00005471868258	.00005471868258
3	0.0%	.00007295824344	.00007295824344
1	0.0%	.00008754989212	.00008754989212
7326	83.4%	.00010943736516-.19707848869535	NOTE: Range of values omitted from display

1	0.0%	.20864856421345	.20864856421345
2	0.0%	.21451844033731	.21451844033731
4	0.0%	.22586392318602	.22586392318602
8	0.1%	.22588604835653	.22588604835653
22	0.3%	.23588142176494	.23588142176494

<b>etsd2</b>		Num 8	IGP*PE scope in Earth process overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
225	2.6%	0	0
5	0.1%	.00002723654305	.00002723654305
52	0.6%	.00005447308611	.00005447308611
1	0.0%	.00013118107834	.00013118107834
2	0.0%	.00025495009872	.00025495009872
8346	95.0%	.00026236215669-.22389425658228	NOTE: Range of values omitted from display
22	0.3%	.22877249263813	.22877249263813
32	0.4%	.23292669016303	.23292669016303
81	0.9%	.24084618847483	.24084618847483
2	0.0%	.31418226843283	.31418226843283
15	0.2%	.46085442834885	.46085442834885

<b>etsd3</b>		Num 8	IGP*PE scope in Earth and the universe overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2597	29.6%	0	0
2	0.0%	.00005126787923	.00005126787923
4	0.0%	.00005217661574	.00005217661574
5	0.1%	.00006152145508	.00006152145508
5	0.1%	.00006345529981	.00006345529981
6082	69.2%	.00006393008568-.09854180203584	NOTE: Range of values omitted from display
1	0.0%	.10634069489644	.10634069489644
46	0.5%	.10703411186664	.10703411186664
22	0.3%	.12353923069639	.12353923069639
4	0.0%	.12955872141906	.12955872141906
15	0.2%	.14767639535957	.14767639535957

<b>etsd4</b>		Num 8	IGP*PE scope in Plants, animals, and their life cycles overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
374	4.3%	0	0
1	0.0%	.00007524806366	.00007524806366
6	0.1%	.00009894293277	.00009894293277
1	0.0%	.00014285733033	.00014285733033
1	0.0%	.00017055404254	.00017055404254
8330	94.8%	.00019788586555-.326532061703	NOTE: Range of values omitted from display
3	0.0%	.32694106209252	.32694106209252
31	0.4%	.33432213830356	.33432213830356
3	0.0%	.3428917986948	.3428917986948
28	0.3%	.34943651852276	.34943651852276
5	0.1%	.35146145908605	.35146145908605

<b>etsd5</b>		Num 8	IGP*PE scope in Organs overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
597	6.8%	0	0
6	0.1%	.00005939510044	.00005939510044
7	0.1%	.00008909265066	.00008909265066
3	0.0%	.00011879020089	.00011879020089
18	0.2%	.00017818530133	.00017818530133
8143	92.7%	.00020521446536-.24959890630376	NOTE: Range of values omitted from display
1	0.0%	.25648588614456	.25648588614456
2	0.0%	.26683108549738	.26683108549738
2	0.0%	.273436193258	.273436193258
2	0.0%	.38882178892137	.38882178892137
2	0.0%	.40620388491864	.40620388491864

<b>etsd6</b>		Num 8	IGP*PE scope in Biochemistry/microbiology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
629	7.2%	0	0
1	0.0%	.00001693886481	.00001693886481

16	0.2%	.00003387772963	.00003387772963
4	0.0%	.00006775545926	.00006775545926
2	0.0%	.00034467948549	.00034467948549
8092	92.1%	.00039161274614-.21997924778768	NOTE: Range of values omitted from display
28	0.3%	.22026038064024	.22026038064024
3	0.0%	.22818775112167	.22818775112167
2	0.0%	.23699174101425	.23699174101425
5	0.1%	.25459972079941	.25459972079941
1	0.0%	.25987840884304	.25987840884304

<b>etsd7</b>		Num 8	IGP*PE scope in Biosystems overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
298	3.4%	0	0
1	0.0%	.00013255904247	.00013255904247
1	0.0%	.00016477887696	.00016477887696
2	0.0%	.00019849820514	.00019849820514
15	0.2%	.00019883856371	.00019883856371
8439	96.1%	.00027163713517-.25240800389375	NOTE: Range of values omitted from display
5	0.1%	.26057763243165	.26057763243165
1	0.0%	.26915693506691	.26915693506691
2	0.0%	.28560463628433	.28560463628433
1	0.0%	.28669186131973	.28669186131973
18	0.2%	.32812580411751	.32812580411751

<b>etsd8</b>		Num 8	IGP*PE scope in Evolution overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
717	8.2%	0	0
1	0.0%	.00019275113332	.00019275113332
1	0.0%	.00022089239167	.00022089239167
1	0.0%	.0002750560708	.0002750560708
1	0.0%	.00043236482434	.00043236482434
7912	90.1%	.00044178478335-.11164730783732	NOTE: Range of values omitted from display
1	0.0%	.11183020147921	.11183020147921

31	0.4%	.12057387393263	.12057387393263
110	1.3%	.13237168876254	.13237168876254
3	0.0%	.13286560868943	.13286560868943
5	0.1%	.14515734344623	.14515734344623

<b>etsd9</b>		Num 8	IGP*PE scope in Environments & ecology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
576	6.6%	0	0
2	0.0%	.00003454549789	.00003454549789
1	0.0%	.0000599281719	.0000599281719
16	0.2%	.00006909099578	.00006909099578
4	0.0%	.00008201355841	.00008201355841
8148	92.8%	.00010935141122-.13895220437223	NOTE: Range of values omitted from display
1	0.0%	.14268345685784	.14268345685784
7	0.1%	.14979155686643	.14979155686643
1	0.0%	.17369025546529	.17369025546529
1	0.0%	.1875497447446	.1875497447446
26	0.3%	.18810035010003	.18810035010003

<b>etsd10</b>		Num 8	IGP*PE scope in Nutrition & disease overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
256	2.9%	0	0
13	0.1%	.00006577557999	.00006577557999
1	0.0%	.00009841814162	.00009841814162
5	0.1%	.00017378448513	.00017378448513
2	0.0%	.00019937908437	.00019937908437
8442	96.1%	.0002606767277-.17742661469735	NOTE: Range of values omitted from display
2	0.0%	.18002569940032	.18002569940032
43	0.5%	.19327207327457	.19327207327457
2	0.0%	.2096477540783	.2096477540783
15	0.2%	.21364575473208	.21364575473208
2	0.0%	.33355865105216	.33355865105216

<b>etsd11</b>		Num 8	IGP*PE scope in Matter overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
199	2.3%	0	0
3	0.0%	.00005847226568	.00005847226568
3	0.0%	.00008770839852	.00008770839852
2	0.0%	.00017541679704	.00017541679704
2	0.0%	.00027969965528	.00027969965528
8502	96.8%	.0004604889692-.12920043271366	NOTE: Range of values omitted from display
3	0.0%	.13371541838232	.13371541838232
50	0.6%	.13569144642281	.13569144642281
13	0.1%	.15837018760614	.15837018760614
1	0.0%	.174766877092	.174766877092
5	0.1%	.17819283745107	.17819283745107

<b>etsd12</b>		Num 8	IGP*PE scope in Chemical properties overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
170	1.9%	0	0
1	0.0%	.00036528134052	.00036528134052
1	0.0%	.00041746438916	.00041746438916
1	0.0%	.00045770598763	.00045770598763
4	0.0%	.00048704178736	.00048704178736
8504	96.8%	.00058555588761-.21499465765777	NOTE: Range of values omitted from display
5	0.1%	.21520578763406	.21520578763406
2	0.0%	.21909755789728	.21909755789728
9	0.1%	.26729284809654	.26729284809654
85	1.0%	.2896845194634	.2896845194634
1	0.0%	.31937990855901	.31937990855901

<b>etsd13</b>		Num 8	IGP*PE scope in Structure of matter & physical changes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
27	0.3%	0	0
1	0.0%	.00094846904159	.00094846904159

2	0.0%	.00102076634462	.00102076634462
2	0.0%	.00112339067213	.00112339067213
1	0.0%	.0014978542295	.0014978542295
8657	98.6%	.00192108119155-.3993429074336	NOTE: Range of values omitted from display
4	0.0%	.45464498547358	.45464498547358
1	0.0%	.45506792881051	.45506792881051
2	0.0%	.47683235081048	.47683235081048
1	0.0%	.56709818866393	.56709818866393
85	1.0%	.59403794024871	.59403794024871

<b>etsd14</b>		Num 8	IGP*PE scope in Forces, energy, & transformations energy overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
276	3.1%	0	0
1	0.0%	.0002979000891	.0002979000891
1	0.0%	.00049752589947	.00049752589947
3	0.0%	.00054033640685	.00054033640685
31	0.4%	.00089061602835	.00089061602835
8462	96.3%	.001098449355-.26004987742754	NOTE: Range of values omitted from display
1	0.0%	.29867489429251	.29867489429251
3	0.0%	.38407543749212	.38407543749212
3	0.0%	.39637721747212	.39637721747212
1	0.0%	.4162868883382	.4162868883382
1	0.0%	.44242003767717	.44242003767717

<b>etsd15</b>		Num 8	IGP*PE scope in Light, sound, heat, electricity, & magnetism overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
54	0.6%	0	0
2	0.0%	.00026774142706	.00026774142706
110	1.3%	.00056268198319	.00056268198319
3	0.0%	.00103550879713	.00103550879713
1	0.0%	.0012827431536	.0012827431536
8604	98.0%	.00129143125381-.6267986359512	NOTE: Range of values omitted from display
1	0.0%	.63847753598548	.63847753598548



1	0.0%	.69112188522787	.69112188522787
3	0.0%	.7007283557212	.7007283557212
3	0.0%	.7036675740773199	.7036675740773199
1	0.0%	1.02868864717818	1.02868864717818

<b>etsd16</b>		Num 8	IGP*PE scope in Matter & transformations of matter overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
647	7.4%	0	0
1	0.0%	.00024627903924	.00024627903924
1	0.0%	.0002927779438	.0002927779438
1	0.0%	.00034330084032	.00034330084032
9	0.1%	.00036941855886	.00036941855886
8112	92.4%	.00038734719285-.13051945150346	NOTE: Range of values omitted from display
2	0.0%	.13784714363014	.13784714363014
1	0.0%	.14313828549198	.14313828549198
1	0.0%	.14880591601806	.14880591601806
3	0.0%	.1557571194805	.1557571194805
5	0.1%	.15976468840599	.15976468840599

<b>etsd17</b>		Num 8	IGP*PE scope in Nuclear physics overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2499	28.5%	0	0
1	0.0%	.00003413604278	.00003413604278
3	0.0%	.00004096325133	.00004096325133
25	0.3%	.00005120406417	.00005120406417
10	0.1%	.00005850626637	.00005850626637
6229	70.9%	.00006827208556-.07966160493565	NOTE: Range of values omitted from display
9	0.1%	.09787590169068	.09787590169068
2	0.0%	.10750551252746	.10750551252746
1	0.0%	.11212983915536	.11212983915536
3	0.0%	.12738547440197	.12738547440197
1	0.0%	.21501102505493	.21501102505493

<b>etsd18</b>		Num 8	IGP*PE scope in Chemical changes overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
629	7.2%	0	0
1	0.0%	.0005442147139	.0005442147139
7	0.1%	.00055073217265	.00055073217265
1	0.0%	.00058521384316	.00058521384316
31	0.4%	.00087782076474	.00087782076474
8011	91.2%	.00092961125955-.52050918005929	NOTE: Range of values omitted from display
2	0.0%	.5730958316436801	.5730958316436801
13	0.1%	.60609476036534	.60609476036534
85	1.0%	.61753339166979	.61753339166979
1	0.0%	.64657630680662	.64657630680662
2	0.0%	.67826913481246	.67826913481246

<b>etsd19</b>		Num 8	IGP*PE scope in Motion overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1775	20.2%	0	0
2	0.0%	.00006471860391	.00006471860391
10	0.1%	.00008629147188	.00008629147188
1	0.0%	.0000964378436	.0000964378436
1	0.0%	.0001102146784	.0001102146784
6985	79.5%	.00012858379147-.26086997571252	NOTE: Range of values omitted from display
3	0.0%	.2870105375886	.2870105375886
1	0.0%	.29495941574424	.29495941574424
1	0.0%	.34805208684626	.34805208684626
3	0.0%	.39261078604087	.39261078604087
1	0.0%	.51234864517845	.51234864517845

<b>etsd20</b>		Num 8	IGP*PE scope in Science, technology, & math overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
16	0.2%	0	0
13	0.1%	.00028015463748	.00028015463748

14	0.2%	.00037187087539	.00037187087539
4	0.0%	.00083227160383	.00083227160383
26	0.3%	.00084473124677	.00084473124677
8616	98.1%	.00096582858241-.07111542312973	NOTE: Range of values omitted from display
1	0.0%	.0718566129936	.0718566129936
1	0.0%	.07643747480838	.07643747480838
1	0.0%	.07939224083329	.07939224083329
44	0.5%	.08190461512566	.08190461512566
47	0.5%	.09524485445422	.09524485445422

<b>etsd21</b>		Num 8	IGP*PE scope in History of science & technology overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
219	2.5%	0	0
2	0.0%	.0001037552985	.0001037552985
1	0.0%	.00020892285321	.00020892285321
2	0.0%	.00031072428469	.00031072428469
3	0.0%	.00034405996859	.00034405996859
8050	91.7%	.0004664827023-.03537344014449	NOTE: Range of values omitted from display
6	0.1%	.03555743161665	.03555743161665
39	0.4%	.03610587191851	.03610587191851
3	0.0%	.03693269038426	.03693269038426
457	5.2%	.03941314578153	.03941314578153
1	0.0%	.03978503346778	.03978503346778

<b>etsd22</b>		Num 8	IGP*PE scope in Environments & resources overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
98	1.1%	0	0
1	0.0%	.00041296217254	.00041296217254
5	0.1%	.0004286237509	.0004286237509
2	0.0%	.00061370002466	.00061370002466
11	0.1%	.00061944325882	.00061944325882
8626	98.2%	.00077420799145-.25180273094257	NOTE: Range of values omitted from display
5	0.1%	.26308715790066	.26308715790066

1	0.0%	.27053775524741	.27053775524741
1	0.0%	.33830907219625	.33830907219625
26	0.3%	.38591505545438	.38591505545438
7	0.1%	.39429296182479	.39429296182479

<b>etsd23</b>		Num 8	IGP*PE scope in Nature of science overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
118	1.3%	0	0
2	0.0%	.0002628611604	.0002628611604
1	0.0%	.00026512339404	.00026512339404
1	0.0%	.00036936296475	.00036936296475
2	0.0%	.00039768509106	.00039768509106
8634	98.3%	.0004498070106-.05574394315892	NOTE: Range of values omitted from display
1	0.0%	.05630469162612	.05630469162612
1	0.0%	.05872350032902	.05872350032902
1	0.0%	.06015539047763	.06015539047763
4	0.0%	.06222322218081	.06222322218081
18	0.2%	.07150279161116	.07150279161116

<b>etsd24</b>		Num 8	IGP*PE scope in Science & other disciplines overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
692	7.9%	0	0
7	0.1%	.00006866794846	.00006866794846
2	0.0%	.00013004999119	.00013004999119
2	0.0%	.00013294746723	.00013294746723
17	0.2%	.00013733589692	.00013733589692
8054	91.7%	.00017339998825-.21278813178554	NOTE: Range of values omitted from display
1	0.0%	.21587362370881	.21587362370881
4	0.0%	.21841521943724	.21841521943724
1	0.0%	.2376516893216	.2376516893216
1	0.0%	.25193589104728	.25193589104728
2	0.0%	.26267463627119	.26267463627119

<b>etsd25</b>		Num 8	IGP*PE scope in Understanding overall
Frequency	Percent	Value	Label
8502	96.8%	0	0
1	0.0%	.0000137557375	.0000137557375
1	0.0%	.00001528415278	.00001528415278
6	0.1%	.00001719467187	.00001719467187
11	0.1%	.00002292622917	.00002292622917
13	0.1%	.000027511475	.000027511475
83	0.9%	.00003438934375	.00003438934375
75	0.9%	.00004585245834	.00004585245834
4	0.0%	.00005502295001	.00005502295001
80	0.9%	.00006877868751	.00006877868751
3	0.0%	.00008253442501	.00008253442501
2	0.0%	.00009170491668	.00009170491668
1	0.0%	.00010316803127	.00010316803127
1	0.0%	.00013755737502	.00013755737502

<b>etsd26</b>		Num 8	IGP*PE scope in Analyzing & solving problems overall
Frequency	Percent	Value	Label
8687	98.9%	0	0
1	0.0%	.0000600328177	.0000600328177
8	0.1%	.00007504102213	.00007504102213
1	0.0%	.00008576116815	.00008576116815
22	0.3%	.00010005469617	.00010005469617
5	0.1%	.00012006563541	.00012006563541
33	0.4%	.00015008204426	.00015008204426
18	0.2%	.00020010939235	.00020010939235
2	0.0%	.00022512306639	.00022512306639
5	0.1%	.00030016408853	.00030016408853
1	0.0%	.00182946661185	.00182946661185

<b>etsd27</b>		Num 8	IGP*PE scope in Using tools & procedures overall NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label

7670	87.3%	0	0
1	0.0%	.00002166926988	.00002166926988
6	0.1%	.00002708658736	.00002708658736
11	0.1%	.00003611544981	.00003611544981
13	0.1%	.00004333853977	.00004333853977
882	10.0%	.00005417317472-.00169797369912	NOTE: Range of values omitted from display
141	1.6%	.00181192420804	.00181192420804
1	0.0%	.00186609738276	.00186609738276
2	0.0%	.00192027055748	.00192027055748
6	0.1%	.00241589894405	.00241589894405
50	0.6%	.00362384841608	.00362384841608

<b>etsd28</b>		Num 8	IGP*PE scope in Investigating overall
Frequency	Percent	Value	Label
8688	98.9%	0	0
1	0.0%	.00003836880088	.00003836880088
8	0.1%	.0000479610011	.0000479610011
1	0.0%	.00005481257268	.00005481257268
22	0.3%	.00006394800146	.00006394800146
5	0.1%	.00007673760176	.00007673760176
33	0.4%	.0000959220022	.0000959220022
18	0.2%	.00012789600293	.00012789600293
2	0.0%	.0001438830033	.0001438830033
5	0.1%	.0001918440044	.0001918440044

<b>etsd29</b>		Num 1	IGP*PE scope in Communicating overall
Frequency	Percent	Value	Label
8783	100.0%	0	0

<b>etsaly1</b>		Num 8	Unweighted scope in Earth features, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1332	15.2%	0	0
4	0.0%	.0003835862709	.0003835862709
5	0.1%	.00051091320583	.00051091320583

29	0.3%	.00067030352499	.00067030352499
3	0.0%	.00076717254181	.00076717254181
4048	46.1%	.00090743058469-.24508533940272	NOTE: Range of values omitted from display
1	0.0%	.28524961410402	.28524961410402
81	0.9%	.29842251290251	.29842251290251
3	0.0%	.34882213049887	.34882213049887
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa2y1</b>		Num 8	Unweighted scope in Earth process, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
57	0.6%	0	0
2	0.0%	.00030632250518	.00030632250518
29	0.3%	.00057454587857	.00057454587857
12	0.1%	.00070607143366	.00070607143366
4	0.0%	.00076814167072	.00076814167072
5276	60.1%	.00088784855006-.28633319976703	NOTE: Range of values omitted from display
11	0.1%	.31956217329619	.31956217329619
3	0.0%	.36324655508812	.36324655508812
112	1.3%	.48917777408531	.48917777408531
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa3y1</b>		Num 8	Unweighted scope in Earth and the universe, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1898	21.6%	0	0
4	0.0%	.00004144308486	.00004144308486
43	0.5%	.00008288616973	.00008288616973
23	0.3%	.00012432925459	.00012432925459
4	0.0%	.00015247226345	.00015247226345
3338	38.0%	.00024865850919-.1360201874135	NOTE: Range of values omitted from display
112	1.3%	.14585746214369	.14585746214369

3	0.0%	.15303286739755	.15303286739755
81	0.9%	.17180610299479	.17180610299479
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa4y1</b>		Num 8	Unweighted scope in Plants, animals, and their life cycles, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
653	7.4%	0	0
1	0.0%	.00033579798677	.00033579798677
165	1.9%	.00041737335537	.00041737335537
1	0.0%	.00044952354157	.00044952354157
94	1.1%	.00061291496311	.00061291496311
4515	51.4%	.00061821451046-.47501010528111	NOTE: Range of values omitted from display
4	0.0%	.49163156355475	.49163156355475
71	0.8%	.50729944798723	.50729944798723
2	0.0%	.60240929210654	.60240929210654
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa5y1</b>		Num 8	Unweighted scope in Organs, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1009	11.5%	0	0
81	0.9%	.00020432814535	.00020432814535
1	0.0%	.00046581847698	.00046581847698
3	0.0%	.00056798254966	.00056798254966
17	0.2%	.00062209824704	.00062209824704
4391	50.0%	.00084444993745-.28968711057806	NOTE: Range of values omitted from display
2	0.0%	.33899582161852	.33899582161852
1	0.0%	.40654376561152	.40654376561152
1	0.0%	.45153545923825	.45153545923825
1286	14.6%	9991	Student did not take course in specified subject in given year



1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsa6y1</b>			
		Num 8	Unweighted scope in Biochemistry/microbiology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1694	19.3%	0	0
71	0.8%	.00005636638492	.00005636638492
81	0.9%	.00011273276985	.00011273276985
74	0.8%	.00020987267985	.00020987267985
386	4.4%	.00109420210856	.00109420210856
3178	36.2%	.00112544562929-.2324661900485	NOTE: Range of values omitted from display
16	0.2%	.25301818000363	.25301818000363
4	0.0%	.25629793512584	.25629793512584
2	0.0%	.26180169736846	.26180169736846
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa7y1</b>			
		Num 8	Unweighted scope in Biosystems, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
114	1.3%	0	0
1	0.0%	.00016878498984	.00016878498984
3	0.0%	.00033756997969	.00033756997969
1	0.0%	.00041638950359	.00041638950359
81	0.9%	.00043057655151	.00043057655151
4660	53.1%	.00046581847698-.25080920627349	NOTE: Range of values omitted from display
2	0.0%	.25595924697655	.25595924697655
442	5.0%	.25933572145039	.25933572145039
202	2.3%	.29597602527772	.29597602527772
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa8y1</b>			
		Num 8	Unweighted scope in Evolution, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1465	16.7%	0	0
11	0.1%	.00046939681723	.00046939681723
74	0.8%	.00206355396324	.00206355396324
207	2.4%	.00211662572535	.00211662572535
8	0.1%	.00296582805644	.00296582805644
3664	41.7%	.00376385463347-.10220534625118	NOTE: Range of values omitted from display
71	0.8%	.10504103741362	.10504103741362
4	0.0%	.11229669015745	.11229669015745
2	0.0%	.14187284509353	.14187284509353
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa9y1</b>		Num 8	Unweighted scope in Environments & ecology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1097	12.5%	0	0
1	0.0%	.00016689506317	.00016689506317
1	0.0%	.00029223855096	.00029223855096
3	0.0%	.00033379012635	.00033379012635
9	0.1%	.00063646147687	.00063646147687
4374	49.8%	.00067030352499-.15199681233237	NOTE: Range of values omitted from display
16	0.2%	.17069608866335	.17069608866335
4	0.0%	.17402539866688	.17402539866688
1	0.0%	.18343420278117	.18343420278117
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa10y1</b>		Num 8	Unweighted scope in Nutrition & disease, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
485	5.5%	0	0
10	0.1%	.00018209408433	.00018209408433
1	0.0%	.00021738195592	.00021738195592

112	1.3%	.00032666301179	.00032666301179
165	1.9%	.00043476391184	.00043476391184
4592	52.3%	.00044914246459-.18035236956022	NOTE: Range of values omitted from display
9	0.1%	.19848432664083	.19848432664083
131	1.5%	.20544154990444	.20544154990444
1	0.0%	.27163335120613	.27163335120613
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa11y1</b>		Num 8	Unweighted scope in Matter, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
175	2.0%	0	0
2	0.0%	.00069003508874	.00069003508874
11	0.1%	.00074176287168	.00074176287168
1	0.0%	.0010696222571	.0010696222571
43	0.5%	.00138007017748	.00138007017748
5261	59.9%	.00160443338565-.11676236630689	NOTE: Range of values omitted from display
11	0.1%	.14047438118968	.14047438118968
1	0.0%	.19002351904068	.19002351904068
1	0.0%	.20024608479367	.20024608479367
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa12y1</b>		Num 8	Unweighted scope in Chemical properties, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
662	7.5%	0	0
1	0.0%	.00020390327026	.00020390327026
1	0.0%	.00050104702561	.00050104702561
1	0.0%	.00084428134388	.00084428134388
112	1.3%	.00100209405123	.00100209405123
4716	53.7%	.00142190063931-.1613955199949	NOTE: Range of values omitted from display
9	0.1%	.16887650011434	.16887650011434

3	0.0%	.17885622373648	.17885622373648
1	0.0%	.20165092350833	.20165092350833
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa13y1</b>		Num 8	Unweighted scope in Structure of matter & physical changes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
442	5.0%	.00225141691702	.00225141691702
1	0.0%	.0029564451209	.0029564451209
9	0.1%	.00313422161896	.00313422161896
3	0.0%	.00330880733899	.00330880733899
5022	57.2%	.00332026437108-.29506528040865	NOTE: Range of values omitted from display
13	0.1%	.30554570094625	.30554570094625
2	0.0%	.31661662602434	.31661662602434
9	0.1%	.39428371086937	.39428371086937
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa14y1</b>		Num 8	Unweighted scope in Forces, energy, & transformations energy, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
565	6.4%	0	0
1	0.0%	.00040678378935	.00040678378935
71	0.8%	.00109727795628	.00109727795628
82	0.9%	.00126442205229	.00126442205229
5	0.1%	.00127122042254	.00127122042254
4204	47.9%	.00156348397015-.21709456301021	NOTE: Range of values omitted from display
544	6.2%	.24516846557644	.24516846557644
8	0.1%	.25199979640512	.25199979640512
26	0.3%	.27354718032473	.27354718032473
1286	14.6%	9991	Student did not take course in specified subject in given year

1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsa15y1</b>		Num 8	Unweighted scope in Light, sound, heat, electricity, & magnetism, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
231	2.6%	0	0
131	1.5%	.00045965460852	.00045965460852
82	0.9%	.00113784765219	.00113784765219
71	0.8%	.00121528586483	.00121528586483
194	2.2%	.00184131295058	.00184131295058
4769	54.3%	.00229101472613-.36293988676416	NOTE: Range of values omitted from display
1	0.0%	.38528329730677	.38528329730677
1	0.0%	.41385213802008	.41385213802008
26	0.3%	.53907023377117	.53907023377117
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa16y1</b>		Num 8	Unweighted scope in Matter & transformations of matter, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
739	8.4%	0	0
82	0.9%	.00056285422925	.00056285422925
68	0.8%	.00062660631242	.00062660631242
4	0.0%	.00067872476858	.00067872476858
3	0.0%	.0007660910142	.0007660910142
4593	52.3%	.00089990784021-.12160521336241	NOTE: Range of values omitted from display
1	0.0%	.12212901113008	.12212901113008
13	0.1%	.12844225136393	.12844225136393
3	0.0%	.16566557539356	.16566557539356
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa17y1</b>		Num 8	Unweighted scope in Nuclear physics, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
3149	35.9%	0	0
4	0.0%	.00018257231163	.00018257231163
10	0.1%	.00021529772489	.00021529772489
4	0.0%	.00036514462326	.00036514462326
68	0.8%	.00038311527254	.00038311527254
2215	25.2%	.00043059544978-.06021830868314	NOTE: Range of values omitted from display
29	0.3%	.07213702695478	.07213702695478
1	0.0%	.07456684624138	.07456684624138
26	0.3%	.07699666552797	.07699666552797
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa18y1</b>		Num 8	Unweighted scope in Chemical changes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
692	7.9%	0	0
7	0.1%	.00110088143516	.00110088143516
16	0.2%	.00127790883659	.00127790883659
3	0.0%	.00143442436027	.00143442436027
77	0.9%	.00150501544564	.00150501544564
4690	53.4%	.00156711080948-.38167182928038	NOTE: Range of values omitted from display
3	0.0%	.42232857262739	.42232857262739
13	0.1%	.45023771196053	.45023771196053
5	0.1%	.61418668139692	.61418668139692
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa19y1</b>		Num 8	Unweighted scope in Motion, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2162	24.6%	0	0
1	0.0%	.00012549765425	.00012549765425
88	1.0%	.00015158818128	.00015158818128

1	0.0%	.00015521988095	.00015521988095
5	0.1%	.00016452449437	.00016452449437
3148	35.8%	.00023282982143-.15901010842039	NOTE: Range of values omitted from display
1	0.0%	.16242883982543	.16242883982543
74	0.8%	.16837509933035	.16837509933035
26	0.3%	.24737958495085	.24737958495085
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa20y1</b>		Num 8	Unweighted scope in Science, technology, & math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
11	0.1%	0	0
10	0.1%	.00030406830395	.00030406830395
1	0.0%	.00071979530447	.00071979530447
117	1.3%	.00080153332223	.00080153332223
165	1.9%	.0010228075634	.0010228075634
5120	58.3%	.00127606240553-.06911321907312	NOTE: Range of values omitted from display
22	0.3%	.06918522424416	.06918522424416
49	0.6%	.08015550422977	.08015550422977
11	0.1%	.09224104428802	.09224104428802
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa21y1</b>		Num 8	Unweighted scope in History of science & technology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
126	1.4%	0	0
11	0.1%	.00042916280433	.00042916280433
3	0.0%	.00062910768944	.00062910768944
1	0.0%	.00066588641254	.00066588641254
21	0.2%	.00084252383491	.00084252383491
4874	55.5%	.00113953596814-.03451077143576	NOTE: Range of values omitted from display
423	4.8%	.03548767422023	.03548767422023

18	0.2%	.03589498730743	.03589498730743
29	0.3%	.04206083425507	.04206083425507
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa22y1</b>		Num 8	Unweighted scope in Environments & resources, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
42	0.5%	0	0
1	0.0%	.00011940281591	.00011940281591
9	0.1%	.00090213031395	.00090213031395
165	1.9%	.00104343338843	.00104343338843
1	0.0%	.00128488812301	.00128488812301
5260	59.9%	.00202924754678-.19041866697039	NOTE: Range of values omitted from display
3	0.0%	.21565301521397	.21565301521397
21	0.2%	.26850243853289	.26850243853289
4	0.0%	.29721450819041	.29721450819041
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa23y1</b>		Num 8	Unweighted scope in Nature of science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
868	9.9%	0	0
2	0.0%	.00024865059205	.00024865059205
1	0.0%	.00037297588808	.00037297588808
4	0.0%	.00074595177617	.00074595177617
1	0.0%	.00146080674381	.00146080674381
4421	50.3%	.00170924756707-.04947255210154	NOTE: Range of values omitted from display
4	0.0%	.05676358422634	.05676358422634
3	0.0%	.07497321950295	.07497321950295
202	2.3%	.07838372423938	.07838372423938
1286	14.6%	9991	Student did not take course in specified subject in given year



1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsa24y1</b>		Num 8	Unweighted scope in Science & other disciplines, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
762	8.7%	0	0
4	0.0%	.00024878848209	.00024878848209
16	0.2%	.00034314745553	.00034314745553
1	0.0%	.00042036220986	.00042036220986
544	6.2%	.00049757696419	.00049757696419
4164	47.4%	.00051100654338-.10804596882218	NOTE: Range of values omitted from display
5	0.1%	.11287560776948	.11287560776948
9	0.1%	.12546391828315	.12546391828315
1	0.0%	.20880944512879	.20880944512879
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa25y1</b>		Num 8	Unweighted scope in Understanding, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4509	51.3%	0	0
1	0.0%	.00007860899299	.00007860899299
1	0.0%	.00010481199065	.00010481199065
2	0.0%	.00014619473441	.00014619473441
24	0.3%	.00015721798598	.00015721798598
384	4.4%	.00015892189083-.00069368421552	NOTE: Range of values omitted from display
5	0.1%	.00072318780055	.00072318780055
386	4.4%	.00104813044083	.00104813044083
194	2.2%	.0011190480416	.0011190480416
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa26y1</b>		Num 8	Unweighted scope in Analyzing & solving problems, year 1
Frequency	Percent	Value	Label

5207	59.3%	0	0
74	0.8%	.00007329350076	.00007329350076
9	0.1%	.0001397110559	.0001397110559
3	0.0%	.00015892189083	.00015892189083
81	0.9%	.00031784378166	.00031784378166
68	0.8%	.00058886096406	.00058886096406
4	0.0%	.00073237890049	.00073237890049
21	0.2%	.00085987814646	.00085987814646
1	0.0%	.00250995928688	.00250995928688
12	0.1%	.00260131580823	.00260131580823
26	0.3%	.00501991857377	.00501991857377
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa27y1</b>		Num 8	Unweighted scope in Using tools & procedures, year 1
Frequency	Percent	Value	Label
4867	55.4%	0	0
1	0.0%	.00002751820604	.00002751820604
1	0.0%	.00003669094138	.00003669094138
24	0.3%	.00005503641208	.00005503641208
43	0.5%	.00011007282416	.00011007282416
1	0.0%	.00034574401602	.00034574401602
94	1.1%	.0005957322591	.0005957322591
5	0.1%	.00069148803204	.00069148803204
10	0.1%	.00089359838865	.00089359838865
5	0.1%	.00130698727074	.00130698727074
386	4.4%	.00178719677731	.00178719677731
13	0.1%	.00224066446663	.00224066446663
2	0.0%	.00320483918827	.00320483918827
49	0.6%	.00531674891608	.00531674891608
4	0.0%	.00633464498734	.00633464498734
1	0.0%	.00640967837654	.00640967837654
1286	14.6%	9991	Student did not take course in specified subject in given year

1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsa28y1</b>			
		Num 8	Unweighted scope in Investigating, year 1
Frequency	Percent	Value	Label
5490	62.5%	0	0
4	0.0%	.00115357549987	.00115357549987
12	0.1%	.00329500002376	.00329500002376
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa29y1</b>			
		Num 8	Unweighted scope in Communicating, year 1
Frequency	Percent	Value	Label
5481	62.4%	0	0
1	0.0%	.00012126452692	.00012126452692
1	0.0%	.00018189679038	.00018189679038
14	0.2%	.00036379358077	.00036379358077
9	0.1%	.00072758716154	.00072758716154
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb1y1</b>			
		Num 8	IGP scope in Earth features, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1332	15.2%	0	0
4	0.0%	.00035070856475	.00035070856475
5	0.1%	.00056893389473	.00056893389473
3	0.0%	.00070141712951	.00070141712951
29	0.3%	.00080122089561	.00080122089561
4048	46.1%	.00092828787075-.2276965832109	NOTE: Range of values omitted from display
81	0.9%	.25561090250483	.25561090250483
1	0.0%	.26316199042829	.26316199042829
3	0.0%	.3233675380939	.3233675380939
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb2y1</b>		Num 8	IGP scope in Earth process, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
57	0.6%	0	0
2	0.0%	.00014194697847	.00014194697847
1	0.0%	.00064909866989	.00064909866989
12	0.1%	.00065535979106	.00065535979106
4	0.0%	.00069884121124	.00069884121124
5304	60.4%	.00072388297132-.25054005567655	NOTE: Range of values omitted from display
11	0.1%	.27794596826117	.27794596826117
3	0.0%	.30736975182209	.30736975182209
112	1.3%	.42445088030039	.42445088030039
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb3y1</b>		Num 8	IGP scope in Earth and the universe, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1898	21.6%	0	0
4	0.0%	.00003465630123	.00003465630123
43	0.5%	.00006931260246	.00006931260246
23	0.3%	.00010396890369	.00010396890369
4	0.0%	.0001981123071	.0001981123071
3338	38.0%	.00020793780739-.12066372636768	NOTE: Range of values omitted from display
3	0.0%	.13788782812806	.13788782812806
112	1.3%	.13829630008678	.13829630008678
81	0.9%	.15270065754759	.15270065754759
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb4y1</b>		Num 8	IGP scope in Plants, animals, and their life cycles, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
653	7.4%	0	0

1	0.0%	.00030926965031	.00030926965031
1	0.0%	.00033384668647	.00033384668647
165	1.9%	.00043218079593	.00043218079593
3	0.0%	.00049458900158	.00049458900158
4606	52.4%	.00050512183078-.36030628681826	NOTE: Range of values omitted from display
4	0.0%	.36104068675502	.36104068675502
71	0.8%	.38381522794502	.38381522794502
2	0.0%	.43089861709854	.43089861709854
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb5y1</b>		Num 8	IGP scope in Organs, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1009	11.5%	0	0
81	0.9%	.00017297548014	.00017297548014
17	0.2%	.00045502188145	.00045502188145
1	0.0%	.00058376069048	.00058376069048
3	0.0%	.00067024843055	.00067024843055
4391	50.0%	.00075201818088-.23142819992128	NOTE: Range of values omitted from display
2	0.0%	.26813020619124	.26813020619124
1	0.0%	.33072435939178	.33072435939178
1	0.0%	.38942442357041	.38942442357041
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb6y1</b>		Num 8	IGP scope in Biochemistry/microbiology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1700	19.4%	0	0
71	0.8%	.00005036833904	.00005036833904
81	0.9%	.00010073667809	.00010073667809
74	0.8%	.00023952121054	.00023952121054
386	4.4%	.00143476656933	.00143476656933

3071	35.0%	.00149293889308-.26088075083148	NOTE: Range of values omitted from display
117	1.3%	.27605610617547	.27605610617547
4	0.0%	.32136233445535	.32136233445535
2	0.0%	.33375339741459	.33375339741459
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb7y1</b>		Num 8	IGP scope in Biosystems, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
114	1.3%	0	0
1	0.0%	.00016253274185	.00016253274185
3	0.0%	.0003250654837	.0003250654837
1	0.0%	.00039576995965	.00039576995965
81	0.9%	.00043247551933	.00043247551933
5100	58.1%	.00048928591574-.25897302070332	NOTE: Range of values omitted from display
2	0.0%	.26099162331121	.26099162331121
2	0.0%	.26152180566541	.26152180566541
202	2.3%	.3601390172396	.3601390172396
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb8y1</b>		Num 8	IGP scope in Evolution, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1465	16.7%	0	0
11	0.1%	.00065275991781	.00065275991781
74	0.8%	.00226131958087	.00226131958087
207	2.4%	.00235085819853	.00235085819853
8	0.1%	.00327617602022	.00327617602022
3664	41.7%	.00355705118955-.12068231220982	NOTE: Range of values omitted from display
71	0.8%	.1268359030869	.1268359030869
4	0.0%	.13540159179591	.13540159179591
2	0.0%	.1748466149015	.1748466149015

1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb9y1</b>		Num 8	IGP scope in Environments & ecology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1171	13.3%	0	0
1	0.0%	.00014661520705	.00014661520705
1	0.0%	.00023084365192	.00023084365192
3	0.0%	.00029323041411	.00029323041411
9	0.1%	.00045539240694	.00045539240694
4300	49.0%	.00088873395295-.13627338177117	NOTE: Range of values omitted from display
4	0.0%	.13997654551289	.13997654551289
1	0.0%	.14106839271751	.14106839271751
16	0.2%	.14358267581623	.14358267581623
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb10y1</b>		Num 8	IGP scope in Nutrition & disease, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
485	5.5%	0	0
10	0.1%	.00015458617321	.00015458617321
1	0.0%	.00020777922881	.00020777922881
112	1.3%	.0003045245813	.0003045245813
81	0.9%	.00033347964172	.00033347964172
4676	53.2%	.00037451904968-.15006206402207	NOTE: Range of values omitted from display
131	1.5%	.1731600714757	.1731600714757
9	0.1%	.17467817351612	.17467817351612
1	0.0%	.24046500755784	.24046500755784
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb11y1</b>		Num 8	IGP scope in Matter, year 1
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
175	2.0%	0	0
2	0.0%	.00057069621003	.00057069621003
11	0.1%	.00067048919953	.00067048919953
1	0.0%	.00089023415234	.00089023415234
43	0.5%	.00114139242007	.00114139242007
5261	59.9%	.00133535122852-.10659204092425	NOTE: Range of values omitted from display
11	0.1%	.12449708917749	.12449708917749
1	0.0%	.1690533243109	.1690533243109
1	0.0%	.18504952544291	.18504952544291
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb12y1</b>			Num 8	IGP scope in Chemical properties, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
662	7.5%	0	0	
1	0.0%	.0002330361102	.0002330361102	
1	0.0%	.00064008675569	.00064008675569	
1	0.0%	.00104388810601	.00104388810601	
112	1.3%	.00128017351139	.00128017351139	
4716	53.7%	.00134370758316-.18201839296251	NOTE: Range of values omitted from display	
9	0.1%	.18948071997151	.18948071997151	
3	0.0%	.20176600075955	.20176600075955	
1	0.0%	.22222298470889	.22222298470889	
1286	14.6%	9991	Student did not take course in specified subject in given year	
1991	22.7%	9992	Student took course, but curriculum information not available for this course	

<b>etsb13y1</b>			Num 8	IGP scope in Structure of matter & physical changes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
5	0.1%	0	0	
442	5.0%	.00242633451668	.00242633451668	



1	0.0%	.00350187207025	.00350187207025
9	0.1%	.00365288281507	.00365288281507
3	0.0%	.00382475824454	.00382475824454
5022	57.2%	.00382727416205-.33059519460658	NOTE: Range of values omitted from display
13	0.1%	.34394206968235	.34394206968235
2	0.0%	.36060539120326	.36060539120326
9	0.1%	.43219974667965	.43219974667965
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb14y1</b>		Num 8	IGP scope in Forces, energy, & transformations energy, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
565	6.4%	0	0
1	0.0%	.00046363025444	.00046363025444
5	0.1%	.00112264224343	.00112264224343
71	0.8%	.00122344802957	.00122344802957
82	0.9%	.00150417784905	.00150417784905
4204	47.9%	.00164890433562-.24047235299302	NOTE: Range of values omitted from display
8	0.1%	.26320096611386	.26320096611386
544	6.2%	.27604566838302	.27604566838302
26	0.3%	.29046169157355	.29046169157355
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb15y1</b>		Num 8	IGP scope in Light, sound, heat, electricity, & magnetism, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
231	2.6%	0	0
131	1.5%	.00043874763668	.00043874763668
82	0.9%	.00104803584237	.00104803584237
71	0.8%	.0011178453236	.0011178453236
194	2.2%	.00147245536316	.00147245536316
4769	54.3%	.001860966833-.38518070814349	NOTE: Range of values omitted from display

1	0.0%	.4012673131935	.4012673131935
1	0.0%	.44327334284457	.44327334284457
26	0.3%	.56140896035601	.56140896035601
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb16y1</b>		Num 8	IGP scope in Matter & transformations of matter, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
739	8.4%	0	0
82	0.9%	.00069592540401	.00069592540401
68	0.8%	.00072962158994	.00072962158994
4	0.0%	.00078091917335	.00078091917335
3	0.0%	.0009581844939	.0009581844939
4593	52.3%	.00113488610322-.13706415438519	NOTE: Range of values omitted from display
1	0.0%	.14041294942384	.14041294942384
13	0.1%	.14812473144247	.14812473144247
3	0.0%	.1917230557197	.1917230557197
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb17y1</b>		Num 8	IGP scope in Nuclear physics, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3152	35.9%	0	0
4	0.0%	.00026151393458	.00026151393458
10	0.1%	.00031462321485	.00031462321485
4	0.0%	.00052302786917	.00052302786917
68	0.8%	.00054054837546	.00054054837546
2212	25.2%	.0006292464297-.08613582544526	NOTE: Range of values omitted from display
26	0.3%	.09413668122883	.09413668122883
1	0.0%	.10038799421135	.10038799421135
29	0.3%	.10663930719387	.10663930719387
1286	14.6%	9991	Student did not take course in specified subject in given year

1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsb18y1</b>			
		Num 8	IGP scope in Chemical changes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
692	7.9%	0	0
7	0.1%	.00132366609891	.00132366609891
16	0.2%	.00166178931034	.00166178931034
77	0.9%	.00199378659589	.00199378659589
3	0.0%	.00202239004133	.00202239004133
4690	53.4%	.0021222734665-.48526416291828	NOTE: Range of values omitted from display
3	0.0%	.53617994232941	.53617994232941
13	0.1%	.55693211645348	.55693211645348
5	0.1%	.75019613099076	.75019613099076
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb19y1</b>			
		Num 8	IGP scope in Motion, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2162	24.6%	0	0
1	0.0%	.00011265943916	.00011265943916
1	0.0%	.000176068204	.000176068204
88	1.0%	.00017758842891	.00017758842891
5	0.1%	.00019457563909	.00019457563909
3148	35.8%	.00022531887832-.16681303930757	NOTE: Range of values omitted from display
1	0.0%	.17779770201814	.17779770201814
74	0.8%	.19019816970188	.19019816970188
26	0.3%	.25178835740448	.25178835740448
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb20y1</b>			
		Num 8	IGP scope in Science, technology, & math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
11	0.1%	0	0
10	0.1%	.00030707567829	.00030707567829
117	1.3%	.00073250414833	.00073250414833
1	0.0%	.00100873786552	.00100873786552
165	1.9%	.00122519050673	.00122519050673
4756	54.2%	.00126349868447-.07722634873249	NOTE: Range of values omitted from display
386	4.4%	.08186946887471	.08186946887471
11	0.1%	.08476216452183	.08476216452183
49	0.6%	.09748754960905	.09748754960905
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb21y1</b>		Num 8	IGP scope in History of science & technology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
130	1.5%	0	0
11	0.1%	.00035808544063	.00035808544063
3	0.0%	.00051015061556	.00051015061556
1	0.0%	.00053718510611	.00053718510611
21	0.2%	.00080352833348	.00080352833348
4885	55.6%	.00087185840958-.03445948779243	NOTE: Range of values omitted from display
29	0.3%	.0385406324224	.0385406324224
3	0.0%	.03988761675813	.03988761675813
423	4.8%	.046271069134	.046271069134
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb22y1</b>		Num 8	IGP scope in Environments & resources ext, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
42	0.5%	0	0
1	0.0%	.00013646258705	.00013646258705
9	0.1%	.00086090779689	.00086090779689

1	0.0%	.00100166101837	.00100166101837
165	1.9%	.00103889614408	.00103889614408
5260	59.9%	.00183548672734-.19864302868486	NOTE: Range of values omitted from display
3	0.0%	.21466897141069	.21466897141069
21	0.2%	.28072707424308	.28072707424308
4	0.0%	.31444052012594	.31444052012594
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb23y1</b>		Num 8	IGP scope in Nature of science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
868	9.9%	0	0
2	0.0%	.00022429456567	.00022429456567
1	0.0%	.00033644184851	.00033644184851
4	0.0%	.00067288369703	.00067288369703
1	0.0%	.00162898915392	.00162898915392
4421	50.3%	.00168119743239-.05180138441566	NOTE: Range of values omitted from display
4	0.0%	.05397314186416	.05397314186416
3	0.0%	.07089792214093	.07089792214093
202	2.3%	.0784788784594	.0784788784594
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb24y1</b>		Num 8	IGP scope in Science & other disciplines, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
762	8.7%	0	0
4	0.0%	.00020885626177	.00020885626177
16	0.2%	.00029635964705	.00029635964705
1	0.0%	.0003570360853	.0003570360853
544	6.2%	.00041771252354	.00041771252354
4161	47.4%	.0004518489066-.13158504373976	NOTE: Range of values omitted from display
8	0.1%	.13629013966338	.13629013966338

9	0.1%	.14962092610093	.14962092610093
1	0.0%	.25531233617779	.25531233617779
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb25y1</b>		Num 8	IGP scope in Understanding, year 1
Frequency	Percent	Value	Label
5437	61.9%	0	0
1	0.0%	.00007016765225	.00007016765225
1	0.0%	.00009355686967	.00009355686967
24	0.3%	.00014033530451	.00014033530451
43	0.5%	.00028067060902	.00028067060902
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb26y1</b>		Num 8	IGP scope in Analyzing & solving problems, year 1
Frequency	Percent	Value	Label
5502	62.6%	0	0
4	0.0%	.00009705324594	.00009705324594
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb27y1</b>		Num 8	IGP scope in Using tools & procedures, year 1
Frequency	Percent	Value	Label
5434	61.9%	0	0
1	0.0%	.00003684479037	.00003684479037
1	0.0%	.00004912638716	.00004912638716
24	0.3%	.00007368958074	.00007368958074
43	0.5%	.00014737916149	.00014737916149
2	0.0%	.00225741429429	.00225741429429
1	0.0%	.00451482858859	.00451482858859
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb28y1</b>		Num 8	IGP scope in Investigating, year 1
Frequency	Percent	Value	Label
5502	62.6%	0	0
4	0.0%	.00043420778292	.00043420778292
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsb29y1</b>		Num 2	IGP scope in Communicating, year 1
Frequency	Percent	Value	Label
5506	62.7%	0	0
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc1y1</b>		Num 8	PE scope in Earth features, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1332	15.2%	0	0
5	0.1%	.00021493596046	.00021493596046
4	0.0%	.00081921275538	.00081921275538
1	0.0%	.00097170951023	.00097170951023
1	0.0%	.00120185766717	.00120185766717
4128	47.0%	.00123265803675-.23892777475318	NOTE: Range of values omitted from display
31	0.4%	.25382683958786	.25382683958786
1	0.0%	.31690486891258	.31690486891258
3	0.0%	.41308461766135	.41308461766135
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc2y1</b>		Num 8	PE scope in Earth process, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
57	0.6%	0	0
2	0.0%	.00012981848203	.00012981848203
4	0.0%	.00085294547857	.00085294547857
29	0.3%	.00119318130608	.00119318130608

12	0.1%	.00147479847904	.00147479847904
5276	60.1%	.00157607247512-.28781013080932	NOTE: Range of values omitted from display
11	0.1%	.31681745855572	.31681745855572
3	0.0%	.37933044145623	.37933044145623
112	1.3%	.51595661086815	.51595661086815
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc3y1</b>		Num 8	PE scope in Earth and the universe, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1898	21.6%	0	0
4	0.0%	.00012486086876	.00012486086876
4	0.0%	.0002083344731	.0002083344731
43	0.5%	.00024972173753	.00024972173753
9	0.1%	.00028026887547	.00028026887547
3432	39.1%	.00029133449458-.13279546760338	NOTE: Range of values omitted from display
1	0.0%	.13976451551147	.13976451551147
112	1.3%	.15162911033539	.15162911033539
3	0.0%	.1610325934152	.1610325934152
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc4y1</b>		Num 8	PE scope in Plants, animals, and their life cycles, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
653	7.4%	0	0
2	0.0%	.00026199730009	.00026199730009
1	0.0%	.00039477982145	.00039477982145
1	0.0%	.00050028999092	.00050028999092
94	1.1%	.00052349787146	.00052349787146
4678	53.3%	.00056991363254-.41977282596826	NOTE: Range of values omitted from display
71	0.8%	.44110607277793	.44110607277793
4	0.0%	.45580335141307	.45580335141307



2	0.0%	.48995336334501	.48995336334501
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc5y1</b>		Num 8	PE scope in Organs, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1009	11.5%	0	0
17	0.2%	.00026571900911	.00026571900911
81	0.9%	.00037446702264	.00037446702264
3	0.0%	.00053143801823	.00053143801823
4	0.0%	.00079983469949	.00079983469949
4388	50.0%	.00085575696415-.20222551692682	NOTE: Range of values omitted from display
2	0.0%	.23622263410916	.23622263410916
1	0.0%	.43953225497998	.43953225497998
1	0.0%	.4406327004847	.4406327004847
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc6y1</b>		Num 8	PE scope in Biochemistry/microbiology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1694	19.3%	0	0
71	0.8%	.0000344337492	.0000344337492
81	0.9%	.00006886749841	.00006886749841
74	0.8%	.00037388734622	.00037388734622
386	4.4%	.00053429403051	.00053429403051
3181	36.2%	.00055588109305-.1888138689824	NOTE: Range of values omitted from display
2	0.0%	.19946016949185	.19946016949185
16	0.2%	.19951740033278	.19951740033278
1	0.0%	.24518015335556	.24518015335556
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc7y1</b>		Num 8	PE scope in Biosystems, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
114	1.3%	0	0
1	0.0%	.00021944412409	.00021944412409
5	0.1%	.00041535243744	.00041535243744
3	0.0%	.00043888824819	.00043888824819
1	0.0%	.00062035958874	.00062035958874
5159	58.7%	.00065137175586-.2026313797403	NOTE: Range of values omitted from display
20	0.2%	.21588695278044	.21588695278044
1	0.0%	.25939130799658	.25939130799658
202	2.3%	.28463630148249	.28463630148249
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc8y1</b>		Num 8	PE scope in Evolution, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1465	16.7%	0	0
11	0.1%	.00046536517497	.00046536517497
74	0.8%	.00202304860356	.00202304860356
207	2.4%	.00210652809258	.00210652809258
8	0.1%	.0027654125433	.0027654125433
3603	41.0%	.0037476910102-.09947840650994	NOTE: Range of values omitted from display
131	1.5%	.10444216472616	.10444216472616
5	0.1%	.10573081563551	.10573081563551
2	0.0%	.1172752100476	.1172752100476
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc9y1</b>		Num 8	PE scope in Environments & ecology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1097	12.5%	0	0

1	0.0%	.00021698695474	.00021698695474
3	0.0%	.00043397390949	.00043397390949
9	0.1%	.00073381737628	.00073381737628
1	0.0%	.00091596659625	.00091596659625
4366	49.7%	.00112841232298-.1586722989496	NOTE: Range of values omitted from display
4	0.0%	.15983120000656	.15983120000656
21	0.2%	.16866355727144	.16866355727144
4	0.0%	.20775079798444	.20775079798444
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc10y1</b>		Num 8	PE scope in Nutrition & disease, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
485	5.5%	0	0
10	0.1%	.00008294610812	.00008294610812
1	0.0%	.00045521884938	.00045521884938
81	0.9%	.00053280576234	.00053280576234
112	1.3%	.00054319437514	.00054319437514
4676	53.2%	.00072162173055-.1733818665551	NOTE: Range of values omitted from display
1	0.0%	.20722481189646	.20722481189646
131	1.5%	.21032607524479	.21032607524479
9	0.1%	.23443231653105	.23443231653105
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc11y1</b>		Num 8	PE scope in Matter, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
175	2.0%	0	0
2	0.0%	.0003360583155	.0003360583155
1	0.0%	.00059136213046	.00059136213046
43	0.5%	.000672116631	.000672116631
11	0.1%	.00073539188144	.00073539188144

5261	59.9%	.0008870431957-.10916854787346	NOTE: Range of values omitted from display
11	0.1%	.13911810759236	.13911810759236
1	0.0%	.16685741659903	.16685741659903
1	0.0%	.16688214071042	.16688214071042
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc12y1</b>		Num 8	PE scope in Chemical properties, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
662	7.5%	0	0
1	0.0%	.00007143666084	.00007143666084
1	0.0%	.00055544687985	.00055544687985
1	0.0%	.00066269309101	.00066269309101
112	1.3%	.0011108937597	.0011108937597
4709	53.6%	.00132538618202-.1851598483868	NOTE: Range of values omitted from display
13	0.1%	.19227662206133	.19227662206133
4	0.0%	.1965902763662	.1965902763662
3	0.0%	.20802070434559	.20802070434559
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc13y1</b>		Num 8	PE scope in Structure of matter & physical changes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
442	5.0%	.00176718157602	.00176718157602
1	0.0%	.00180394021852	.00180394021852
3	0.0%	.00182813629693	.00182813629693
3	0.0%	.00184069886101	.00184069886101
5028	57.2%	.00187626535571-.33697725713663	NOTE: Range of values omitted from display
2	0.0%	.3643469323812	.3643469323812
13	0.1%	.38855708504709	.38855708504709
9	0.1%	.45345892414173	.45345892414173

1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc14y1</b>		Num 8	PE scope in Forces, energy, & transformations energy, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
565	6.4%	0	0
1	0.0%	.00017558551501	.00017558551501
5	0.1%	.00063202849492	.00063202849492
71	0.8%	.00078712125743	.00078712125743
117	1.3%	.00105917602943	.00105917602943
4646	52.9%	.00122720942779-.24107090838469	NOTE: Range of values omitted from display
74	0.8%	.24364407845199	.24364407845199
1	0.0%	.26356315726199	.26356315726199
26	0.3%	.40304728172883	.40304728172883
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc15y1</b>		Num 8	PE scope in Light, sound, heat, electricity, & magnetism, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
231	2.6%	0	0
131	1.5%	.00059450231058	.00059450231058
2	0.0%	.00197289675278	.00197289675278
71	0.8%	.00211582683815	.00211582683815
16	0.2%	.00261091472627	.00261091472627
5027	57.2%	.00263574238492-.38295843455742	NOTE: Range of values omitted from display
1	0.0%	.46937669909757	.46937669909757
1	0.0%	.50543199657468	.50543199657468
26	0.3%	.7229003791334	.7229003791334
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc16y1</b>		Num 8	PE scope in Matter & transformations of matter, year 1
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
739	8.4%	0	0
82	0.9%	.000441795394	.000441795394
43	0.5%	.00057168134574	.00057168134574
4	0.0%	.00064416525565	.00064416525565
3	0.0%	.00079266974744	.00079266974744
4618	52.6%	.00088359078801-.10509780850942	NOTE: Range of values omitted from display
1	0.0%	.10725593822873	.10725593822873
13	0.1%	.13045765713442	.13045765713442
3	0.0%	.14973140078707	.14973140078707
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc17y1</b>			Num 8	PE scope in Nuclear physics, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
3149	35.9%	0	0	
4	0.0%	.00007798275267	.00007798275267	
10	0.1%	.00010664577425	.00010664577425	
4	0.0%	.00015596550535	.00015596550535	
544	6.2%	.0002132915485	.0002132915485	
1767	20.1%	.00023404188915-.06726237508731	NOTE: Range of values omitted from display	
1	0.0%	.07069885545702	.07069885545702	
1	0.0%	.09265456498469	.09265456498469	
26	0.3%	.11804675488206	.11804675488206	
1286	14.6%	9991	Student did not take course in specified subject in given year	
1991	22.7%	9992	Student took course, but curriculum information not available for this course	

<b>etsc18y1</b>			Num 8	PE scope in Chemical changes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
692	7.9%	0	0	
1	0.0%	.00067302779173	.00067302779173	

16	0.2%	.00086769447883	.00086769447883
77	0.9%	.00118677942103	.00118677942103
13	0.1%	.00134605558346	.00134605558346
4687	53.4%	.0013550864532-.40738548116814	NOTE: Range of values omitted from display
2	0.0%	.4125616795432	.4125616795432
13	0.1%	.50906364112481	.50906364112481
5	0.1%	.5430190223967299	.5430190223967299
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc19y1</b>		Num 8	PE scope in Motion, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2162	24.6%	0	0
1	0.0%	.00007559460754	.00007559460754
21	0.2%	.00011339191131	.00011339191131
1	0.0%	.00020868484469	.00020868484469
43	0.5%	.00022678382263	.00022678382263
3250	37.0%	.00025963696406-.22104471026897	NOTE: Range of values omitted from display
1	0.0%	.22879637579964	.22879637579964
1	0.0%	.24097016515788	.24097016515788
26	0.3%	.41607323155712	.41607323155712
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc20y1</b>		Num 8	PE scope in Science, technology, & math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
11	0.1%	0	0
10	0.1%	.00025688052486	.00025688052486
117	1.3%	.00038248023285	.00038248023285
1	0.0%	.0006735058174	.0006735058174
4	0.0%	.00087870825442	.00087870825442
5281	60.1%	.00129037986918-.06011019281926	NOTE: Range of values omitted from display

22	0.3%	.06888811290234	.06888811290234
49	0.6%	.08563095605961	.08563095605961
11	0.1%	.09135046130842	.09135046130842
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc21y1</b>		Num 8	PE scope in History of science & technology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
126	1.4%	0	0
3	0.0%	.00027264269963	.00027264269963
11	0.1%	.0004254767314	.0004254767314
21	0.2%	.00049834887928	.00049834887928
1	0.0%	.00089446942103	.00089446942103
5294	60.3%	.00099482696824-.02977332302549	NOTE: Range of values omitted from display
3	0.0%	.03098399490044	.03098399490044
18	0.2%	.03290305872218	.03290305872218
29	0.3%	.03921857788682	.03921857788682
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc22y1</b>		Num 8	PE scope in Environments & resources ext, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
42	0.5%	0	0
1	0.0%	.00025099367322	.00025099367322
1	0.0%	.00112841232298	.00112841232298
9	0.1%	.00142815574683	.00142815574683
165	1.9%	.00218505047703	.00218505047703
5195	59.1%	.002514011403-.23007599780265	NOTE: Range of values omitted from display
68	0.8%	.23535786141821	.23535786141821
4	0.0%	.37259103714053	.37259103714053
21	0.2%	.38413994315629	.38413994315629
1286	14.6%	9991	Student did not take course in specified subject in given year



1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsc23y1</b>			
		Num 8	PE scope in Nature of science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
868	9.9%	0	0
2	0.0%	.00032681519317	.00032681519317
1	0.0%	.00049022278976	.00049022278976
4	0.0%	.00098044557953	.00098044557953
26	0.3%	.00141228635547	.00141228635547
4367	49.7%	.00142425073461-.04881867256387	NOTE: Range of values omitted from display
20	0.2%	.05811062813824	.05811062813824
16	0.2%	.06087625438666	.06087625438666
202	2.3%	.07538061011187	.07538061011187
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc24y1</b>			
		Num 8	PE scope in Science & other disciplines, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
762	8.7%	0	0
16	0.2%	.00015672026903	.00015672026903
194	2.2%	.00031344053807	.00031344053807
5	0.1%	.00047402137119	.00047402137119
2	0.0%	.00073240154345	.00073240154345
4491	51.1%	.0008626458184-.09228481833595	NOTE: Range of values omitted from display
26	0.3%	.09365550812905	.09365550812905
9	0.1%	.20044562525599	.20044562525599
1	0.0%	.37271763685885	.37271763685885
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc25y1</b>			
		Num 8	PE scope in Understanding, year 1
Frequency	Percent	Value	Label

5187	59.1%	0	0
1	0.0%	.0000382838586	.0000382838586
1	0.0%	.0000510451448	.0000510451448
24	0.3%	.0000765677172	.0000765677172
43	0.5%	.00015313543441	.00015313543441
4	0.0%	.00023627495414	.00023627495414
1	0.0%	.00041196688368	.00041196688368
51	0.6%	.00082393376737	.00082393376737
194	2.2%	.00164786753475	.00164786753475
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc26y1</b>			
		Num 8	PE scope in Analyzing & solving problems, year 1
Frequency	Percent	Value	Label
5365	61.1%	0	0
68	0.8%	.000134859739	.000134859739
21	0.2%	.000269719478	.000269719478
9	0.1%	.00032216372617	.00032216372617
4	0.0%	.00141539569895	.00141539569895
1	0.0%	.0017335742365	.0017335742365
12	0.1%	.0018111560269	.0018111560269
26	0.3%	.003467148473	.003467148473
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc27y1</b>			
		Num 8	PE scope in Using tools & procedures, year 1
Frequency	Percent	Value	Label
4867	55.4%	0	0
1	0.0%	.00004020544224	.00004020544224
1	0.0%	.00005360725632	.00005360725632
24	0.3%	.00008041088448	.00008041088448
43	0.5%	.00016082176896	.00016082176896
94	1.1%	.0005236081499	.0005236081499
10	0.1%	.00078541222485	.00078541222485

1	0.0%	.00103138715929	.00103138715929
13	0.1%	.00154115538147	.00154115538147
386	4.4%	.00157082444971	.00157082444971
5	0.1%	.00206277431858	.00206277431858
4	0.0%	.00260902262712	.00260902262712
2	0.0%	.0026704701274	.0026704701274
49	0.6%	.00295172186122	.00295172186122
5	0.1%	.00329901706764	.00329901706764
1	0.0%	.0053409402548	.0053409402548
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc28y1</b>		Num 8	PE scope in Investigating, year 1
Frequency	Percent	Value	Label
5490	62.5%	0	0
4	0.0%	.00072123785822	.00072123785822
12	0.1%	.00229413096741	.00229413096741
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsc29y1</b>		Num 2	PE scope in Communicating, year 1
Frequency	Percent	Value	Label
5506	62.7%	0	0
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsdly1</b>		Num 8	IGP*PE scope in Earth features, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1332	15.2%	0	0
5	0.1%	.00021887473032	.00021887473032
4	0.0%	.00068668248538	.00068668248538
1	0.0%	.00086470686736	.00086470686736
1	0.0%	.00093923841254	.00093923841254
4128	47.0%	.00103845066495-.22588604835653	NOTE: Range of values omitted from display

31	0.4%	.23588142176494	.23588142176494
1	0.0%	.29437863878776	.29437863878776
3	0.0%	.38010871336207	.38010871336207
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd2y1</b>		Num 8	IGP*PE scope in Earth process, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
57	0.6%	0	0
2	0.0%	.00005447308611	.00005447308611
4	0.0%	.00076485029618	.00076485029618
1	0.0%	.00121376711143	.00121376711143
12	0.1%	.00129154814497	.00129154814497
5304	60.4%	.00139694977455-.25583330068658	NOTE: Range of values omitted from display
11	0.1%	.28289410873504	.28289410873504
3	0.0%	.31555882377636	.31555882377636
112	1.3%	.46085442834885	.46085442834885
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd3y1</b>		Num 8	IGP*PE scope in Earth and the universe, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1898	21.6%	0	0
4	0.0%	.00010435323149	.00010435323149
43	0.5%	.00020870646298	.00020870646298
9	0.1%	.00025572034275	.00025572034275
4	0.0%	.0002726153884	.0002726153884
3352	38.2%	.00030760727543-.12436513923825	NOTE: Range of values omitted from display
81	0.9%	.12955872141906	.12955872141906
3	0.0%	.14238958358005	.14238958358005
112	1.3%	.14767639535957	.14767639535957
1286	14.6%	9991	Student did not take course in specified subject in given year

1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsd4y1</b>			
		Num 8	IGP*PE scope in Plants, animals, and their life cycles, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
653	7.4%	0	0
2	0.0%	.00019788586555	.00019788586555
1	0.0%	.00028571466066	.00028571466066
1	0.0%	.00043275722013	.00043275722013
94	1.1%	.0004970401103	.0004970401103
4678	53.3%	.00050954384455-.326532061703	NOTE: Range of values omitted from display
71	0.8%	.33432213830356	.33432213830356
4	0.0%	.34943651852276	.34943651852276
2	0.0%	.35146145908605	.35146145908605
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd5y1</b>			
		Num 8	IGP*PE scope in Organs, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1009	11.5%	0	0
17	0.2%	.00017818530133	.00017818530133
81	0.9%	.00034902976711	.00034902976711
3	0.0%	.00035637060267	.00035637060267
4	0.0%	.00056016035204	.00056016035204
4388	50.0%	.00072974130337-.17482761845751	NOTE: Range of values omitted from display
2	0.0%	.19698932589181	.19698932589181
1	0.0%	.34302672421858	.34302672421858
1	0.0%	.38882178892137	.38882178892137
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd6y1</b>			
		Num 8	IGP*PE scope in Biochemistry/microbiology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1700	19.4%	0	0
71	0.8%	.00003387772963	.00003387772963
81	0.9%	.00006775545926	.00006775545926
74	0.8%	.00039161274614	.00039161274614
386	4.4%	.00064824294589	.00064824294589
3186	36.3%	.00068935897098-.22026038064024	NOTE: Range of values omitted from display
5	0.1%	.22753306912314	.22753306912314
2	0.0%	.25459972079941	.25459972079941
1	0.0%	.29222374856293	.29222374856293
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd7y1</b>		Num 8	IGP*PE scope in Biosystems, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
114	1.3%	0	0
1	0.0%	.00020945045592	.00020945045592
5	0.1%	.00039767712742	.00039767712742
3	0.0%	.00041890091185	.00041890091185
29	0.3%	.00059549461543	.00059549461543
5131	58.4%	.00065510852351-.21181310292692	NOTE: Range of values omitted from display
20	0.2%	.24525791852196	.24525791852196
1	0.0%	.2858521946154	.2858521946154
202	2.3%	.32812580411751	.32812580411751
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd8y1</b>		Num 8	IGP*PE scope in Evolution, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1465	16.7%	0	0
11	0.1%	.00066438069356	.00066438069356
74	0.8%	.00215189253535	.00215189253535

207	2.4%	.00239376075867	.00239376075867
8	0.1%	.00300694641135	.00300694641135
3603	41.0%	.00354790313699-.12057387393263	NOTE: Range of values omitted from display
5	0.1%	.13141508061144	.13141508061144
131	1.5%	.13237168876254	.13237168876254
2	0.0%	.14515734344623	.14515734344623
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd9y1</b>		Num 8	IGP*PE scope in Environments & ecology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1171	13.3%	0	0
1	0.0%	.00018893806635	.00018893806635
3	0.0%	.0003778761327	.0003778761327
9	0.1%	.00047942537527	.00047942537527
1	0.0%	.00068997745356	.00068997745356
4295	48.9%	.00077608797501-.13787922633064	NOTE: Range of values omitted from display
1	0.0%	.14268345685784	.14268345685784
21	0.2%	.14979155686643	.14979155686643
4	0.0%	.18810035010003	.18810035010003
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd10y1</b>		Num 8	IGP*PE scope in Nutrition & disease, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
485	5.5%	0	0
10	0.1%	.00006577557999	.00006577557999
1	0.0%	.00034393197484	.00034393197484
81	0.9%	.00043113076089	.00043113076089
112	1.3%	.0005213534554	.0005213534554
4676	53.2%	.00055949735529-.1566116883229	NOTE: Range of values omitted from display
131	1.5%	.17742661469735	.17742661469735

1	0.0%	.19327207327457	.19327207327457
9	0.1%	.21364575473208	.21364575473208
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd11y1</b>		Num 8	IGP*PE scope in Matter, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
175	2.0%	0	0
2	0.0%	.00027969965528	.00027969965528
1	0.0%	.00049345908299	.00049345908299
43	0.5%	.00055939931056	.00055939931056
11	0.1%	.00068242560129	.00068242560129
5261	59.9%	.00074018862448-.0972093053469	NOTE: Range of values omitted from display
11	0.1%	.12029997382525	.12029997382525
1	0.0%	.13569144642281	.13569144642281
1	0.0%	.15837018760614	.15837018760614
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd12y1</b>		Num 8	IGP*PE scope in Chemical properties, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
662	7.5%	0	0
1	0.0%	.00007410222153	.00007410222153
1	0.0%	.00073056268104	.00073056268104
1	0.0%	.00087833383142	.00087833383142
1	0.0%	.00138139323952	.00138139323952
4820	54.9%	.00146112536208-.1906567571572	NOTE: Range of values omitted from display
13	0.1%	.19831191287951	.19831191287951
4	0.0%	.20293127239563	.20293127239563
3	0.0%	.21520578763406	.21520578763406
1286	14.6%	9991	Student did not take course in specified subject in given year



1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsd13y1</b>			
		Num 8	IGP*PE scope in Structure of matter & physical changes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5	0.1%	0	0
442	5.0%	.00204153268925	.00204153268925
3	0.0%	.00214415701676	.00214415701676
1	0.0%	.00216119196516	.00216119196516
1	0.0%	.00222266693061	.00222266693061
5030	57.3%	.00224678134426-.34773201407389	NOTE: Range of values omitted from display
2	0.0%	.3771419897834	.3771419897834
13	0.1%	.39757719458743	.39757719458743
9	0.1%	.45464498547358	.45464498547358
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd14y1</b>			
		Num 8	IGP*PE scope in Forces, energy, & transformations energy, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
565	6.4%	0	0
1	0.0%	.00020995712884	.00020995712884
5	0.1%	.0005958001782	.0005958001782
71	0.8%	.00089061602835	.00089061602835
117	1.3%	.001098449355	.001098449355
4624	52.6%	.00138739818417-.25545668301671	NOTE: Range of values omitted from display
96	1.1%	.26004987742754	.26004987742754
1	0.0%	.26929942338039	.26929942338039
26	0.3%	.39637721747212	.39637721747212
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd15y1</b>			
		Num 8	IGP*PE scope in Light, sound, heat, electricity, & magnetism, year 1 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
231	2.6%	0	0
131	1.5%	.00056268198319	.00056268198319
2	0.0%	.00180327616719	.00180327616719
71	0.8%	.00196560443983	.00196560443983
1	0.0%	.0024710114914	.0024710114914
5042	57.4%	.00250805932784-.36878772691579	NOTE: Range of values omitted from display
1	0.0%	.46101939780048	.46101939780048
1	0.0%	.49296414888416	.49296414888416
26	0.3%	.7007283557212	.7007283557212
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd16y1</b>		Num 8	IGP*PE scope in Matter & transformations of matter, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
739	8.4%	0	0
82	0.9%	.00058555588761	.00058555588761
43	0.5%	.00073883711772	.00073883711772
4	0.0%	.00079765827229	.00079765827229
3	0.0%	.00098307656834	.00098307656834
4618	52.6%	.00116204157855-.11179809511881	NOTE: Range of values omitted from display
1	0.0%	.12016904712055	.12016904712055
13	0.1%	.13784714363014	.13784714363014
3	0.0%	.15976468840599	.15976468840599
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd17y1</b>		Num 8	IGP*PE scope in Nuclear physics, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3152	35.9%	0	0
4	0.0%	.00010240812834	.00010240812834
10	0.1%	.00014626566594	.00014626566594

4	0.0%	.00020481625669	.00020481625669
544	6.2%	.00029253133188	.00029253133188
1736	19.8%	.00036357267407-.09150391982553	NOTE: Range of values omitted from display
29	0.3%	.09787590169068	.09787590169068
1	0.0%	.11263068804632	.11263068804632
26	0.3%	.12738547440197	.12738547440197
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd18y1</b>		Num 8	IGP*PE scope in Chemical changes, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
692	7.9%	0	0
1	0.0%	.00092961125955	.00092961125955
16	0.2%	.0011014643453	.0011014643453
77	0.9%	.00175564152949	.00175564152949
13	0.1%	.00185922251911	.00185922251911
4687	53.4%	.00187555928045-.47055139024417	NOTE: Range of values omitted from display
2	0.0%	.47318025201344	.47318025201344
13	0.1%	.5730958316436801	.5730958316436801
5	0.1%	.60609476036534	.60609476036534
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd19y1</b>		Num 8	IGP*PE scope in Motion, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2162	24.6%	0	0
1	0.0%	.00008629147188	.00008629147188
21	0.2%	.00012943720783	.00012943720783
1	0.0%	.0001928756872	.0001928756872
43	0.5%	.00025887441566	.00025887441566
3177	36.2%	.0002687338915-.22726709266682	NOTE: Range of values omitted from display
74	0.8%	.23325766314512	.23325766314512

1	0.0%	.23386162330071	.23386162330071
26	0.3%	.39261078604087	.39261078604087
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd20y1</b>		Num 8	IGP*PE scope in Science, technology, & math, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
11	0.1%	0	0
10	0.1%	.00028015463748	.00028015463748
117	1.3%	.00037187087539	.00037187087539
4	0.0%	.00084473124677	.00084473124677
1	0.0%	.00096582858241	.00096582858241
5281	60.1%	.00129267233227-.06565520417705	NOTE: Range of values omitted from display
22	0.3%	.07939224083329	.07939224083329
11	0.1%	.08190461512566	.08190461512566
49	0.6%	.09524485445422	.09524485445422
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd21y1</b>		Num 8	IGP*PE scope in History of science & technology, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
130	1.5%	0	0
3	0.0%	.00021913795707	.00021913795707
11	0.1%	.00036446026618	.00036446026618
21	0.2%	.0004664827023	.0004664827023
1	0.0%	.00068811993719	.00068811993719
4885	55.6%	.00076596503452-.02949132419246	NOTE: Range of values omitted from display
29	0.3%	.03537344014449	.03537344014449
423	4.8%	.03941314578153	.03941314578153
3	0.0%	.03978503346778	.03978503346778
1286	14.6%	9991	Student did not take course in specified subject in given year

1991	22.7%	9992	Student took course, but curriculum information not available for this course
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<b>etsd22y1</b>		Num 8	IGP*PE scope in Environments & resources, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
42	0.5%	0	0
1	0.0%	.00026035915673	.00026035915673
1	0.0%	.00085724750181	.00085724750181
9	0.1%	.00123888651764	.00123888651764
165	1.9%	.00171965987422	.00171965987422
5195	59.1%	.00194243706969-.23953465584944	NOTE: Range of values omitted from display
68	0.8%	.24197037227987	.24197037227987
4	0.0%	.38591505545438	.38591505545438
21	0.2%	.39429296182479	.39429296182479
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd23y1</b>		Num 8	IGP*PE scope in Nature of science, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
868	9.9%	0	0
2	0.0%	.00026512339404	.00026512339404
1	0.0%	.00039768509106	.00039768509106
4	0.0%	.00079537018212	.00079537018212
26	0.3%	.00125342362325	.00125342362325
4367	49.7%	.00134942103181-.04963014339847	NOTE: Range of values omitted from display
16	0.2%	.06222322218081	.06222322218081
20	0.2%	.06897828511505	.06897828511505
202	2.3%	.07150279161116	.07150279161116
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd24y1</b>		Num 8	IGP*PE scope in Science & other disciplines, year 1 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
762	8.7%	0	0
16	0.2%	.00013733589692	.00013733589692
194	2.2%	.00027467179384	.00027467179384
2	0.0%	.00052019996476	.00052019996476
5	0.1%	.00061212347075	.00061212347075
4509	51.3%	.0006796685413-.09931136438863	NOTE: Range of values omitted from display
8	0.1%	.10747227406695	.10747227406695
9	0.1%	.21841521943724	.21841521943724
1	0.0%	.41391097372809	.41391097372809
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd25y1</b>			
Frequency	Percent	Value	Label
5437	61.9%	0	0
1	0.0%	.00003438934375	.00003438934375
1	0.0%	.00004585245834	.00004585245834
24	0.3%	.00006877868751	.00006877868751
43	0.5%	.00013755737502	.00013755737502
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd26y1</b>			
Frequency	Percent	Value	Label
5502	62.6%	0	0
4	0.0%	.00030016408853	.00030016408853
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd27y1</b>			
Frequency	Percent	Value	Label
5434	61.9%	0	0
1	0.0%	.00005417317472	.00005417317472

1	0.0%	.00007223089962	.00007223089962
24	0.3%	.00010834634944	.00010834634944
43	0.5%	.00021669269888	.00021669269888
2	0.0%	.00181192420804	.00181192420804
1	0.0%	.00362384841608	.00362384841608
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd28y1</b>		Num 8	IGP*PE scope in Investigating, year 1
Frequency	Percent	Value	Label
5502	62.6%	0	0
4	0.0%	.0001918440044	.0001918440044
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsd29y1</b>		Num 2	IGP*PE scope in Communicating, year 1
Frequency	Percent	Value	Label
5506	62.7%	0	0
1286	14.6%	9991	Student did not take course in specified subject in given year
1991	22.7%	9992	Student took course, but curriculum information not available for this course

<b>etsa1y2</b>		Num 8	Unweighted scope in Earth features, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2240	25.5%	0	0
1	0.0%	.00019179313545	.00019179313545
1	0.0%	.00025545660291	.00025545660291
59	0.7%	.0003835862709	.0003835862709
18	0.2%	.00051091320583	.00051091320583
4589	52.2%	.00067030352499-.24508533940272	NOTE: Range of values omitted from display
1	0.0%	.26420234492958	.26420234492958
5	0.1%	.29842251290251	.29842251290251
1	0.0%	.30651223771422	.30651223771422
509	5.8%	9991	Student did not take course in specified subject in given year

1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsa2y2</b>		Num 8	Unweighted scope in Earth process, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
400	4.6%	0	0
3	0.0%	.00015316125259	.00015316125259
2	0.0%	.00019058129688	.00019058129688
144	1.6%	.00030632250518	.00030632250518
18	0.2%	.00038116259376	.00038116259376
6340	72.2%	.00038407083536-.28633319976703	NOTE: Range of values omitted from display
1	0.0%	.34140436419215	.34140436419215
1	0.0%	.35232545964013	.35232545964013
6	0.1%	.48917777408531	.48917777408531
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa3y2</b>		Num 8	Unweighted scope in Earth and the universe, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3614	41.1%	0	0
4	0.0%	.00004144308486	.00004144308486
298	3.4%	.00008288616973	.00008288616973
27	0.3%	.00012432925459	.00012432925459
119	1.4%	.00015247226345	.00015247226345
2841	32.3%	.00017105704051-.12810931071805	NOTE: Range of values omitted from display
1	0.0%	.13628570759819	.13628570759819
6	0.1%	.14585746214369	.14585746214369
5	0.1%	.17180610299479	.17180610299479
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa4y2</b>		Num 8	Unweighted scope in Plants, animals, and their life cycles, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
703	8.0%	0	0
2	0.0%	.00014024594721	.00014024594721
12	0.1%	.00026748351219	.00026748351219
66	0.8%	.00028049189443	.00028049189443
1	0.0%	.00030910725523	.00030910725523
5923	67.4%	.00033579798677-.47879164378819	NOTE: Range of values omitted from display
58	0.7%	.49163156355475	.49163156355475
133	1.5%	.50729944798723	.50729944798723
17	0.2%	.60240929210654	.60240929210654
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa5y2</b>		Num 8	Unweighted scope in Organs, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1395	15.9%	0	0
5	0.1%	.00020432814535	.00020432814535
17	0.2%	.00025730183238	.00025730183238
1	0.0%	.00031104912352	.00031104912352
2	0.0%	.00051460366477	.00051460366477
5473	62.3%	.00056798254966-.43453066586709	NOTE: Range of values omitted from display
3	0.0%	.45153545923825	.45153545923825
16	0.2%	.70836462769923	.70836462769923
3	0.0%	.716888012678	.716888012678
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa6y2</b>		Num 8	Unweighted scope in Biochemistry/microbiology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
780	8.9%	0	0
6	0.1%	.00005636638492	.00005636638492
5	0.1%	.00011273276985	.00011273276985

3	0.0%	.00020987267985	.00020987267985
1	0.0%	.00079501731858	.00079501731858
6092	69.4%	.00109420210856-.25629793512584	NOTE: Range of values omitted from display
17	0.2%	.26180169736846	.26180169736846
7	0.1%	.27654036033287	.27654036033287
4	0.0%	.30196699980189	.30196699980189
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa7y2</b>		Num 8	Unweighted scope in Biosystems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
772	8.8%	0	0
2	0.0%	.00028194899518	.00028194899518
12	0.1%	.00038595274857	.00038595274857
5	0.1%	.00043057655151	.00043057655151
1	0.0%	.00049365644749	.00049365644749
6096	69.4%	.00056389799037-.25933572145039	NOTE: Range of values omitted from display
1	0.0%	.26297171260164	.26297171260164
3	0.0%	.26660770375288	.26660770375288
23	0.3%	.29597602527772	.29597602527772
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa8y2</b>		Num 8	Unweighted scope in Evolution, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1690	19.2%	0	0
1	0.0%	.00010051748826	.00010051748826
12	0.1%	.00020103497653	.00020103497653
3	0.0%	.00040206995307	.00040206995307
11	0.1%	.00048018284002	.00048018284002
4990	56.8%	.00096036568005-.10220534625118	NOTE: Range of values omitted from display
133	1.5%	.10504103741362	.10504103741362

58	0.7%	.11229669015745	.11229669015745
17	0.2%	.14187284509353	.14187284509353
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa9y2</b>		Num 8	Unweighted scope in Environments & ecology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1321	15.0%	0	0
32	0.4%	.00013823272718	.00013823272718
2	0.0%	.00014611927548	.00014611927548
3	0.0%	.00027646545437	.00027646545437
9	0.1%	.00029223855096	.00029223855096
5349	60.9%	.00031823073843-.16771550755677	NOTE: Range of values omitted from display
118	1.3%	.17069608866335	.17069608866335
77	0.9%	.17402539866688	.17402539866688
4	0.0%	.18343420278117	.18343420278117
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa10y2</b>		Num 8	Unweighted scope in Nutrition & disease, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
742	8.4%	0	0
5	0.1%	.00018209408433	.00018209408433
42	0.5%	.00027292392315	.00027292392315
6	0.1%	.00032666301179	.00032666301179
25	0.3%	.00043476391184	.00043476391184
6034	68.7%	.00044914246459-.20544154990444	NOTE: Range of values omitted from display
1	0.0%	.21928201636477	.21928201636477
16	0.2%	.24729877817981	.24729877817981
44	0.5%	.43927434061499	.43927434061499
509	5.8%	9991	Student did not take course in specified subject in given year

1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsa11y2</b>		Num 8	Unweighted scope in Matter, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
406	4.6%	0	0
8	0.1%	.00069003508874	.00069003508874
2	0.0%	.0009143982969	.0009143982969
3	0.0%	.0010696222571	.0010696222571
135	1.5%	.00138007017748	.00138007017748
6338	72.2%	.00160443338565-.20024608479367	NOTE: Range of values omitted from display
2	0.0%	.20685776372337	.20685776372337
18	0.2%	.20829251126006	.20829251126006
3	0.0%	.24202441213708	.24202441213708
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa12y2</b>		Num 8	Unweighted scope in Chemical properties, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
448	5.1%	0	0
1	0.0%	.00042214067194	.00042214067194
3	0.0%	.00084428134388	.00084428134388
6	0.1%	.00100209405123	.00100209405123
1	0.0%	.0014290317138	.0014290317138
6421	73.1%	.00163911794647-.21538862348455	NOTE: Range of values omitted from display
12	0.1%	.22120415451752	.22120415451752
20	0.2%	.24657246348127	.24657246348127
3	0.0%	.31428870322607	.31428870322607
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa13y2</b>		Num 8	Unweighted scope in Structure of matter & physical changes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
46	0.5%	0	0
1	0.0%	.00112570845851	.00112570845851
2	0.0%	.00219455591257	.00219455591257
476	5.4%	.00225141691702	.00225141691702
7	0.1%	.00228038301426	.00228038301426
6145	70.0%	.00251914377149-.38249135624919	NOTE: Range of values omitted from display
130	1.5%	.39428371086937	.39428371086937
42	0.5%	.4156090774236	.4156090774236
66	0.8%	.42686281879431	.42686281879431
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa14y2</b>		Num 8	Unweighted scope in Forces, energy, & transformations energy, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
729	8.3%	0	0
3	0.0%	.00020339189467	.00020339189467
4	0.0%	.00040678378935	.00040678378935
22	0.3%	.00042625333665	.00042625333665
133	1.5%	.00109727795628	.00109727795628
5978	68.1%	.00126442205229-.24603528854693	NOTE: Range of values omitted from display
38	0.4%	.25199979640512	.25199979640512
6	0.1%	.27354718032473	.27354718032473
2	0.0%	.2878697664499	.2878697664499
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa15y2</b>		Num 8	Unweighted scope in Light, sound, heat, electricity, & magnetism, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
255	2.9%	0	0
197	2.2%	.00045965460852	.00045965460852

109	1.2%	.00113784765219	.00113784765219
133	1.5%	.00121528586483	.00121528586483
1	0.0%	.00132257448709	.00132257448709
6174	70.3%	.00180378745119-.33007900528372	NOTE: Range of values omitted from display
38	0.4%	.36293988676416	.36293988676416
6	0.1%	.53907023377117	.53907023377117
2	0.0%	.5712225181084301	.5712225181084301
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa16y2</b>		Num 8	Unweighted scope in Matter & transformations of matter, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1705	19.4%	0	0
7	0.1%	.00031330315621	.00031330315621
1	0.0%	.00031852275375	.00031852275375
2	0.0%	.0004499539201	.0004499539201
4	0.0%	.00056285422925	.00056285422925
5009	57.0%	.00062660631242-.12620115124665	NOTE: Range of values omitted from display
33	0.4%	.12844225136393	.12844225136393
3	0.0%	.13038929119006	.13038929119006
151	1.7%	.16566557539356	.16566557539356
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa17y2</b>		Num 8	Unweighted scope in Nuclear physics, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5005	57.0%	0	0
4	0.0%	.00018257231163	.00018257231163
7	0.1%	.00019155763627	.00019155763627
22	0.3%	.00021529772489	.00021529772489
1	0.0%	.0002993498209	.0002993498209
1837	20.9%	.00032607293388-.05425894954732	NOTE: Range of values omitted from display

9	0.1%	.06021830868314	.06021830868314
24	0.3%	.07213702695478	.07213702695478
6	0.1%	.07699666552797	.07699666552797
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa18y2</b>		Num 8	Unweighted scope in Chemical changes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1700	19.4%	0	0
2	0.0%	.00110088143516	.00110088143516
2	0.0%	.00127790883659	.00127790883659
2	0.0%	.00143442436027	.00143442436027
48	0.5%	.00150501544564	.00150501544564
5138	58.5%	.00281427114628-.45023771196053	NOTE: Range of values omitted from display
3	0.0%	.46328552289975	.46328552289975
2	0.0%	.47814685129367	.47814685129367
18	0.2%	.61418668139692	.61418668139692
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa19y2</b>		Num 8	Unweighted scope in Motion, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4757	54.2%	0	0
1	0.0%	.00007579409064	.00007579409064
1	0.0%	.00010105878752	.00010105878752
18	0.2%	.00015158818128	.00015158818128
3	0.0%	.00015521988095	.00015521988095
2124	24.2%	.00023267937099-.13884505421926	NOTE: Range of values omitted from display
3	0.0%	.16837509933035	.16837509933035
2	0.0%	.18840623194465	.18840623194465
6	0.1%	.24737958495085	.24737958495085
509	5.8%	9991	Student did not take course in specified subject in given year

1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsa20y2</b>		Num 8	Unweighted scope in Science, technology, & math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
10	0.1%	0	0
5	0.1%	.00030406830395	.00030406830395
3	0.0%	.00071979530447	.00071979530447
9	0.1%	.00080153332223	.00080153332223
19	0.2%	.0010228075634	.0010228075634
6803	77.5%	.00107997820999-.07436362097972	NOTE: Range of values omitted from display
17	0.2%	.07850751324043	.07850751324043
12	0.1%	.08015550422977	.08015550422977
37	0.4%	.09224104428802	.09224104428802
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa21y2</b>		Num 8	Unweighted scope in History of science & technology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
293	3.3%	0	0
1	0.0%	.00033294320627	.00033294320627
3	0.0%	.00039754260141	.00039754260141
1	0.0%	.00052913524688	.00052913524688
1	0.0%	.00057912146816	.00057912146816
6581	74.9%	.00066588641254-.03589498730743	NOTE: Range of values omitted from display
9	0.1%	.03779995754694	.03779995754694
24	0.3%	.04206083425507	.04206083425507
2	0.0%	.0426480759143	.0426480759143
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa22y2</b>		Num 8	Unweighted scope in Environments & resources, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
368	4.2%	0	0
3	0.0%	.00045106515697	.00045106515697
12	0.1%	.00051334549565	.00051334549565
3	0.0%	.00055602045847	.00055602045847
18	0.2%	.00060986015002	.00060986015002
6494	73.9%	.0006424440615-.26850243853289	NOTE: Range of values omitted from display
15	0.2%	.29721450819041	.29721450819041
1	0.0%	.3752776666933	.3752776666933
1	0.0%	.45366164289647	.45366164289647
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

etsa23y2		Num 8	Unweighted scope in Nature of science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
636	7.2%	0	0
58	0.7%	.00074595177617	.00074595177617
1	0.0%	.00112791484965	.00112791484965
1	0.0%	.00146080674381	.00146080674381
179	2.0%	.00170924756707	.00170924756707
5864	66.8%	.00183445530696-.06149891411469	NOTE: Range of values omitted from display
2	0.0%	.06715163994382	.06715163994382
151	1.7%	.07497321950295	.07497321950295
23	0.3%	.07838372423938	.07838372423938
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

etsa24y2		Num 8	Unweighted scope in Science & other disciplines, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1599	18.2%	0	0
1	0.0%	.00017157372776	.00017157372776
118	1.3%	.00034314745553	.00034314745553

3	0.0%	.00042036220986	.00042036220986
39	0.4%	.00048928341756	.00048928341756
5020	57.2%	.00049757696419-.11287560776948	NOTE: Range of values omitted from display
3	0.0%	.12001763399615	.12001763399615
130	1.5%	.12546391828315	.12546391828315
2	0.0%	.1699219837282	.1699219837282
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa25y2</b>		Num 8	Unweighted scope in Understanding, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5755	65.5%	0	0
3	0.0%	.00007860899299	.00007860899299
7	0.1%	.00007946094541	.00007946094541
2	0.0%	.00008771684064	.00008771684064
3	0.0%	.00010481199065	.00010481199065
665	7.6%	.00010964605081-.00069368421552	NOTE: Range of values omitted from display
18	0.2%	.00072318780055	.00072318780055
42	0.5%	.00104813044083	.00104813044083
420	4.8%	.0011190480416	.0011190480416
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa26y2</b>		Num 8	Unweighted scope in Analyzing & solving problems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6517	74.2%	0	0
1	0.0%	.00003492776397	.00003492776397
6	0.1%	.00003664675038	.00003664675038
58	0.7%	.00006985552795	.00006985552795
3	0.0%	.00007329350076	.00007329350076
299	3.4%	.0001397110559-.00250995928688	NOTE: Range of values omitted from display
5	0.1%	.00260131580823	.00260131580823

6	0.1%	.00501991857377	.00501991857377
20	0.2%	.00812258217619	.00812258217619
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa27y2</b>		Num 8	Unweighted scope in Using tools & procedures, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6211	70.7%	0	0
3	0.0%	.00002751820604	.00002751820604
3	0.0%	.00003669094138	.00003669094138
49	0.6%	.00005503641208	.00005503641208
135	1.5%	.00011007282416	.00011007282416
257	2.9%	.00020435838023-.00531674891608	NOTE: Range of values omitted from display
77	0.9%	.00633464498734	.00633464498734
179	2.0%	.00640967837654	.00640967837654
1	0.0%	.02131157001058	.02131157001058
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa28y2</b>		Num 8	Unweighted scope in Investigating, year 2
Frequency	Percent	Value	Label
6828	77.7%	0	0
1	0.0%	.00057678774993	.00057678774993
77	0.9%	.00115357549987	.00115357549987
4	0.0%	.00164750001188	.00164750001188
5	0.1%	.00329500002376	.00329500002376
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsa29y2</b>		Num 8	Unweighted scope in Communicating, year 2
Frequency	Percent	Value	Label
6778	77.2%	0	0
2	0.0%	.00018189679038	.00018189679038

90	1.0%	.00036379358077	.00036379358077
25	0.3%	.00072758716154	.00072758716154
20	0.2%	.00314422535852	.00314422535852
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb1y2</b>		Num 8	IGP scope in Earth features, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2240	25.5%	0	0
1	0.0%	.00017535428237	.00017535428237
1	0.0%	.00028446694736	.00028446694736
59	0.7%	.00035070856475	.00035070856475
1	0.0%	.00049752225305	.00049752225305
4606	52.4%	.00056893389473-.2276965832109	NOTE: Range of values omitted from display
1	0.0%	.2443476083714	.2443476083714
5	0.1%	.25561090250483	.25561090250483
1	0.0%	.28385757323265	.28385757323265
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb2y2</b>		Num 8	IGP scope in Earth process, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
400	4.6%	0	0
3	0.0%	.00007097348923	.00007097348923
144	1.6%	.00014194697847	.00014194697847
2	0.0%	.00014464829873	.00014464829873
18	0.2%	.00028929659746	.00028929659746
6340	72.2%	.00032454933494-.25054005567655	NOTE: Range of values omitted from display
1	0.0%	.29265786004163	.29265786004163
1	0.0%	.30001380593186	.30001380593186
6	0.1%	.42445088030039	.42445088030039
509	5.8%	9991	Student did not take course in specified subject in given year

1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsb3y2</b>			
		Num 8	IGP scope in Earth and the universe, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3614	41.1%	0	0
4	0.0%	.00003465630123	.00003465630123
298	3.4%	.00006931260246	.00006931260246
27	0.3%	.00010396890369	.00010396890369
2	0.0%	.00014978595208	.00014978595208
2958	33.7%	.0001981123071-.12010825962959	NOTE: Range of values omitted from display
1	0.0%	.12546173211827	.12546173211827
6	0.1%	.13829630008678	.13829630008678
5	0.1%	.15270065754759	.15270065754759
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb4y2</b>			
		Num 8	IGP scope in Plants, animals, and their life cycles, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
703	8.0%	0	0
2	0.0%	.00013150110359	.00013150110359
1	0.0%	.00025256091539	.00025256091539
1	0.0%	.00025782732999	.00025782732999
4	0.0%	.00026157234021	.00026157234021
5996	68.3%	.00026300220719-.36030628681826	NOTE: Range of values omitted from display
58	0.7%	.36104068675502	.36104068675502
133	1.5%	.38381522794502	.38381522794502
17	0.2%	.43089861709854	.43089861709854
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb5y2</b>			
		Num 8	IGP scope in Organs, year 2 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1395	15.9%	0	0
5	0.1%	.00017297548014	.00017297548014
17	0.2%	.00021518676374	.00021518676374
1	0.0%	.00022751094072	.00022751094072
2	0.0%	.00043037352748	.00043037352748
5473	62.3%	.00045502188145-.34714229988192	NOTE: Range of values omitted from display
3	0.0%	.38942442357041	.38942442357041
3	0.0%	.56739238208648	.56739238208648
16	0.2%	.57079753215614	.57079753215614
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb6y2</b>		Num 8	IGP scope in Biochemistry/microbiology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
780	8.9%	0	0
6	0.1%	.00005036833904	.00005036833904
5	0.1%	.00010073667809	.00010073667809
3	0.0%	.00023952121054	.00023952121054
1	0.0%	.00080169619473	.00080169619473
6041	68.8%	.00143476656933-.27605610617547	NOTE: Range of values omitted from display
58	0.7%	.32136233445535	.32136233445535
17	0.2%	.33375339741459	.33375339741459
4	0.0%	.36341375059258	.36341375059258
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb7y2</b>		Num 8	IGP scope in Biosystems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
772	8.8%	0	0
2	0.0%	.00024304841593	.00024304841593
12	0.1%	.00034071237592	.00034071237592

5	0.1%	.00043247551933	.00043247551933
66	0.8%	.00048609683187	.00048609683187
6031	68.7%	.00051685271437-.26099162331121	NOTE: Range of values omitted from display
1	0.0%	.26291723504656	.26291723504656
3	0.0%	.27854193202745	.27854193202745
23	0.3%	.3601390172396	.3601390172396
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb8y2</b>		Num 8	IGP scope in Evolution, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1690	19.2%	0	0
1	0.0%	.0001125752663	.0001125752663
12	0.1%	.0002251505326	.0002251505326
3	0.0%	.0004503010652	.0004503010652
11	0.1%	.00065376098621	.00065376098621
4990	56.8%	.00130752197243-.12171842397388	NOTE: Range of values omitted from display
133	1.5%	.1268359030869	.1268359030869
58	0.7%	.13540159179591	.13540159179591
17	0.2%	.1748466149015	.1748466149015
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb9y2</b>		Num 8	IGP scope in Environments & ecology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1324	15.1%	0	0
2	0.0%	.00011542182596	.00011542182596
32	0.4%	.00015755389659	.00015755389659
56	0.6%	.00022769620347	.00022769620347
9	0.1%	.00023084365192	.00023084365192
5355	61.0%	.00027833595082-.13627338177117	NOTE: Range of values omitted from display
15	0.2%	.13997654551289	.13997654551289

4	0.0%	.14106839271751	.14106839271751
118	1.3%	.14358267581623	.14358267581623
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb10y2</b>		Num 8	IGP scope in Nutrition & disease, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
742	8.4%	0	0
5	0.1%	.00015458617321	.00015458617321
42	0.5%	.00022436296473	.00022436296473
6	0.1%	.0003045245813	.0003045245813
5	0.1%	.00033347964172	.00033347964172
6054	68.9%	.00037451904968-.17467817351612	NOTE: Range of values omitted from display
1	0.0%	.20095844857564	.20095844857564
16	0.2%	.2144033529691	.2144033529691
44	0.5%	.39541823756719	.39541823756719
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb11y2</b>		Num 8	IGP scope in Matter, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
406	4.6%	0	0
8	0.1%	.00057069621003	.00057069621003
2	0.0%	.00076465501848	.00076465501848
3	0.0%	.00089023415234	.00089023415234
135	1.5%	.00114139242007	.00114139242007
6338	72.2%	.00133535122852-.18504952544291	NOTE: Range of values omitted from display
18	0.2%	.19699953327858	.19699953327858
2	0.0%	.2089277377895	.2089277377895
3	0.0%	.22290475091261	.22290475091261
509	5.8%	9991	Student did not take course in specified subject in given year



1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsb12y2</b>			
		Num 8	IGP scope in Chemical properties, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
448	5.1%	0	0
1	0.0%	.000521944053	.000521944053
3	0.0%	.00104388810601	.00104388810601
6	0.1%	.00128017351139	.00128017351139
1	0.0%	.0018097676123	.0018097676123
6421	73.1%	.00183781013451-.24529283561444	NOTE: Range of values omitted from display
12	0.1%	.2502968997537	.2502968997537
20	0.2%	.27976029725648	.27976029725648
3	0.0%	.35775459375342	.35775459375342
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb13y2</b>			
		Num 8	IGP scope in Structure of matter & physical changes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
46	0.5%	0	0
1	0.0%	.00121316725834	.00121316725834
476	5.4%	.00242633451668	.00242633451668
2	0.0%	.0026115909862	.0026115909862
7	0.1%	.0028060431887	.0028060431887
6145	70.0%	.00297874667097-.42317252937916	NOTE: Range of values omitted from display
130	1.5%	.43219974667965	.43219974667965
42	0.5%	.46667999926908	.46667999926908
66	0.8%	.475891392687	.475891392687
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb14y2</b>			
		Num 8	IGP scope in Forces, energy, & transformations energy, year 2 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
729	8.3%	0	0
3	0.0%	.00023181512722	.00023181512722
22	0.3%	.00044764780547	.00044764780547
4	0.0%	.00046363025444	.00046363025444
3	0.0%	.00112264224343	.00112264224343
6144	70.0%	.00115170384077-.27604566838302	NOTE: Range of values omitted from display
2	0.0%	.2788554419791	.2788554419791
6	0.1%	.29046169157355	.29046169157355
2	0.0%	.30915824288464	.30915824288464
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb15y2</b>		Num 8	IGP scope in Light, sound, heat, electricity, & magnetism, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
255	2.9%	0	0
197	2.2%	.00043874763668	.00043874763668
109	1.2%	.00104803584237	.00104803584237
133	1.5%	.0011178453236	.0011178453236
1	0.0%	.00137533655854	.00137533655854
6174	70.3%	.00147245536316-.35255938319576	NOTE: Range of values omitted from display
38	0.4%	.38518070814349	.38518070814349
6	0.1%	.56140896035601	.56140896035601
2	0.0%	.59761071247568	.59761071247568
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb16y2</b>		Num 8	IGP scope in Matter & transformations of matter, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1705	19.4%	0	0
7	0.1%	.00036481079497	.00036481079497
1	0.0%	.00040750158315	.00040750158315

2	0.0%	.00056744305161	.00056744305161
4	0.0%	.00069592540401	.00069592540401
5009	57.0%	.00072962158994-.14362123213769	NOTE: Range of values omitted from display
33	0.4%	.14812473144247	.14812473144247
3	0.0%	.14837588352886	.14837588352886
151	1.7%	.1917230557197	.1917230557197
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb17y2</b>		Num 8	IGP scope in Nuclear physics, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5192	59.1%	0	0
4	0.0%	.00026151393458	.00026151393458
7	0.1%	.00027027418773	.00027027418773
1	0.0%	.00029582725537	.00029582725537
22	0.3%	.00031462321485	.00031462321485
1650	18.8%	.00049347566843-.07588408457095	NOTE: Range of values omitted from display
9	0.1%	.08613582544526	.08613582544526
6	0.1%	.09413668122883	.09413668122883
24	0.3%	.10663930719387	.10663930719387
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb18y2</b>		Num 8	IGP scope in Chemical changes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1700	19.4%	0	0
2	0.0%	.00132366609891	.00132366609891
2	0.0%	.00166178931034	.00166178931034
48	0.5%	.00199378659589	.00199378659589
2	0.0%	.00202239004133	.00202239004133
5138	58.5%	.00374295014589-.55693211645348	NOTE: Range of values omitted from display
3	0.0%	.56218476994737	.56218476994737

2	0.0%	.57768429057755	.57768429057755
18	0.2%	.75019613099076	.75019613099076
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb19y2</b>		Num 8	IGP scope in Motion, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4757	54.2%	0	0
1	0.0%	.00008879421445	.00008879421445
1	0.0%	.00011839228594	.00011839228594
3	0.0%	.000176068204	.000176068204
18	0.2%	.00017758842891	.00017758842891
2124	24.2%	.00022531887832-.15046293858877	NOTE: Range of values omitted from display
3	0.0%	.19019816970188	.19019816970188
2	0.0%	.20693767105591	.20693767105591
6	0.1%	.25178835740448	.25178835740448
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb20y2</b>		Num 8	IGP scope in Science, technology, & math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
10	0.1%	0	0
5	0.1%	.00030707567829	.00030707567829
9	0.1%	.00073250414833	.00073250414833
3	0.0%	.00100873786552	.00100873786552
1	0.0%	.00108650911101	.00108650911101
6796	77.4%	.00122519050673-.07722634873249	NOTE: Range of values omitted from display
42	0.5%	.08186946887471	.08186946887471
37	0.4%	.08476216452183	.08476216452183
12	0.1%	.09748754960905	.09748754960905
509	5.8%	9991	Student did not take course in specified subject in given year

1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsb21y2</b>		Num 8	IGP scope in History of science & technology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
294	3.3%	0	0
1	0.0%	.00026859255305	.00026859255305
3	0.0%	.00030438701769	.00030438701769
1	0.0%	.00043411802809	.00043411802809
1	0.0%	.00047213432183	.00047213432183
5263	59.9%	.00053718510611-.04036527846322	NOTE: Range of values omitted from display
2	0.0%	.04078803568747	.04078803568747
5	0.1%	.04233387535348	.04233387535348
1345	15.3%	.046271069134	.046271069134
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb22y2</b>		Num 8	IGP scope in Environments & resources ext, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
389	4.4%	0	0
3	0.0%	.00043045389844	.00043045389844
12	0.1%	.00046649026226	.00046649026226
1	0.0%	.00050083050918	.00050083050918
16	0.2%	.00079863412402	.00079863412402
6477	73.7%	.00086090779689-.28072707424308	NOTE: Range of values omitted from display
15	0.2%	.31444052012594	.31444052012594
1	0.0%	.3580639664009	.3580639664009
1	0.0%	.42183820454208	.42183820454208
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb23y2</b>		Num 8	IGP scope in Nature of science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
636	7.2%	0	0
58	0.7%	.00067288369703	.00067288369703
1	0.0%	.0012750681159	.0012750681159
1	0.0%	.00162898915392	.00162898915392
179	2.0%	.00168119743239	.00168119743239
5864	66.8%	.00175933418929-.05954220621714	NOTE: Range of values omitted from display
151	1.7%	.07089792214093	.07089792214093
2	0.0%	.07114418586658	.07114418586658
23	0.3%	.0784788784594	.0784788784594
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb24y2</b>		Num 8	IGP scope in Science & other disciplines, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1599	18.2%	0	0
1	0.0%	.00014817982352	.00014817982352
118	1.3%	.00029635964705	.00029635964705
3	0.0%	.0003570360853	.0003570360853
107	1.2%	.00041771252354	.00041771252354
4917	56.0%	.00042324878026-.13158504373976	NOTE: Range of values omitted from display
38	0.4%	.13629013966338	.13629013966338
130	1.5%	.14962092610093	.14962092610093
2	0.0%	.16641000182866	.16641000182866
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb25y2</b>		Num 8	IGP scope in Understanding, year 2
Frequency	Percent	Value	Label
6725	76.6%	0	0
3	0.0%	.00007016765225	.00007016765225
3	0.0%	.00009355686967	.00009355686967

49	0.6%	.00014033530451	.00014033530451
135	1.5%	.00028067060902	.00028067060902
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb26y2</b>		Num 8	IGP scope in Analyzing & solving problems, year 2
Frequency	Percent	Value	Label
6836	77.8%	0	0
1	0.0%	.00004852662297	.00004852662297
77	0.9%	.00009705324594	.00009705324594
1	0.0%	.00131698074062	.00131698074062
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb27y2</b>		Num 8	IGP scope in Using tools & procedures, year 2
Frequency	Percent	Value	Label
6494	73.9%	0	0
3	0.0%	.00003684479037	.00003684479037
3	0.0%	.00004912638716	.00004912638716
49	0.6%	.00007368958074	.00007368958074
135	1.5%	.00014737916149	.00014737916149
1	0.0%	.00112870714714	.00112870714714
1	0.0%	.00122232274988	.00122232274988
50	0.6%	.00225741429429	.00225741429429
179	2.0%	.00451482858859	.00451482858859
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsb28y2</b>		Num 8	IGP scope in Investigating, year 2
Frequency	Percent	Value	Label
6837	77.8%	0	0
1	0.0%	.00021710389146	.00021710389146
77	0.9%	.00043420778292	.00043420778292
509	5.8%	9991	Student did not take course in specified subject in given year

1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsb29y2</b>			
		Num 2	IGP scope in Communicating, year 2
Frequency	Percent	Value	Label
6915	78.7%	0	0
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc1y2</b>			
		Num 8	PE scope in Earth features, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2240	25.5%	0	0
1	0.0%	.00010746798023	.00010746798023
18	0.2%	.00021493596046	.00021493596046
1	0.0%	.00040960637769	.00040960637769
39	0.4%	.00063686865513	.00063686865513
4613	52.5%	.00081921275538-.25382683958786	NOTE: Range of values omitted from display
1	0.0%	.28205690911066	.28205690911066
1	0.0%	.2955623725488	.2955623725488
1	0.0%	.35432349510507	.35432349510507
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc2y2</b>			
		Num 8	PE scope in Earth process, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
400	4.6%	0	0
3	0.0%	.00006490924101	.00006490924101
144	1.6%	.00012981848203	.00012981848203
2	0.0%	.00017405601682	.00017405601682
18	0.2%	.00034811203364	.00034811203364
6340	72.2%	.00042647273928-.28781013080932	NOTE: Range of values omitted from display
1	0.0%	.34807395000597	.34807395000597
1	0.0%	.3637021957311	.3637021957311
6	0.1%	.51595661086815	.51595661086815



509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc3y2</b>		Num 8	PE scope in Earth and the universe, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3614	41.1%	0	0
4	0.0%	.00012486086876	.00012486086876
56	0.6%	.00014013443773	.00014013443773
2	0.0%	.00017816971211	.00017816971211
119	1.4%	.0002083344731	.0002083344731
3108	35.4%	.00022634196737-.1320632546052	NOTE: Range of values omitted from display
5	0.1%	.13279546760338	.13279546760338
1	0.0%	.14210074396324	.14210074396324
6	0.1%	.15162911033539	.15162911033539
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc4y2</b>		Num 8	PE scope in Plants, animals, and their life cycles, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
703	8.0%	0	0
1	0.0%	.00013099865004	.00013099865004
2	0.0%	.0001311506502	.0001311506502
144	1.6%	.00026199730009	.00026199730009
66	0.8%	.00026230130041	.00026230130041
5730	65.2%	.00028131624593-.41977282596826	NOTE: Range of values omitted from display
133	1.5%	.44110607277793	.44110607277793
119	1.4%	.45580335141307	.45580335141307
17	0.2%	.48995336334501	.48995336334501
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc5y2</b>		Num 8	PE scope in Organs, year 2
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1395	15.9%	0	0
1	0.0%	.00013285950455	.00013285950455
92	1.0%	.00026571900911	.00026571900911
2	0.0%	.00029998816974	.00029998816974
17	0.2%	.00031073604955	.00031073604955
5386	61.3%	.00037446702264-.43953225497998	NOTE: Range of values omitted from display
3	0.0%	.4406327004847	.4406327004847
3	0.0%	.48723270909761	.48723270909761
16	0.2%	.54549243955978	.54549243955978
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

etsc6y2			
Num 8			
PE scope in Biochemistry/microbiology, year 2			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
780	8.9%	0	0
6	0.1%	.0000344337492	.0000344337492
5	0.1%	.00006886749841	.00006886749841
3	0.0%	.00037388734622	.00037388734622
1	0.0%	.00052803899888	.00052803899888
6100	69.5%	.00053429403051-.19951740033278	NOTE: Range of values omitted from display
7	0.1%	.20776498316308	.20776498316308
9	0.1%	.24518015335556	.24518015335556
4	0.0%	.27092699602551	.27092699602551
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

etsc7y2			
Num 8			
PE scope in Biosystems, year 2			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
772	8.8%	0	0
1	0.0%	.00020767621872	.00020767621872

2	0.0%	.00026366390457	.00026366390457
18	0.2%	.00041535243744	.00041535243744
2	0.0%	.00049239996612	.00049239996612
6087	69.3%	.00052732780915-.21588695278044	NOTE: Range of values omitted from display
1	0.0%	.23086862640445	.23086862640445
9	0.1%	.25939130799658	.25939130799658
23	0.3%	.28463630148249	.28463630148249
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc8y2</b>		Num 8	PE scope in Evolution, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1690	19.2%	0	0
1	0.0%	.00021143136799	.00021143136799
11	0.1%	.00040550585445	.00040550585445
12	0.1%	.00042286273599	.00042286273599
2	0.0%	.0008110117089	.0008110117089
4982	56.7%	.00084572547199-.09947840650994	NOTE: Range of values omitted from display
197	2.2%	.10444216472616	.10444216472616
3	0.0%	.10573081563551	.10573081563551
17	0.2%	.1172752100476	.1172752100476
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc9y2</b>		Num 8	PE scope in Environments & ecology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1321	15.0%	0	0
32	0.4%	.00006599739647	.00006599739647
3	0.0%	.00013199479294	.00013199479294
39	0.4%	.00016840276938	.00016840276938
5	0.1%	.00029485696312	.00029485696312
5421	61.7%	.00036690868814-.15562922602102	NOTE: Range of values omitted from display

77	0.9%	.15983120000656	.15983120000656
2	0.0%	.16866355727144	.16866355727144
15	0.2%	.20775079798444	.20775079798444
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc10y2</b>		Num 8	PE scope in Nutrition & disease, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
742	8.4%	0	0
5	0.1%	.00008294610812	.00008294610812
2	0.0%	.00026633459566	.00026633459566
42	0.5%	.00052445257749	.00052445257749
5	0.1%	.00053280576234	.00053280576234
6049	68.9%	.00054319437514-.22647988344969	NOTE: Range of values omitted from display
25	0.3%	.23443231653105	.23443231653105
1	0.0%	.23706512666278	.23706512666278
44	0.5%	.35172683834709	.35172683834709
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc11y2</b>		Num 8	PE scope in Matter, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
406	4.6%	0	0
8	0.1%	.0003360583155	.0003360583155
2	0.0%	.0005509848802	.0005509848802
3	0.0%	.00059136213046	.00059136213046
135	1.5%	.000672116631	.000672116631
6338	72.2%	.0008870431957-.16688214071042	NOTE: Range of values omitted from display
2	0.0%	.1746876965122	.1746876965122
3	0.0%	.18816486436206	.18816486436206
18	0.2%	.18981375960679	.18981375960679
509	5.8%	9991	Student did not take course in specified subject in given year

1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsc12y2</b>		Num 8	PE scope in Chemical properties, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
448	5.1%	0	0
1	0.0%	.0003313465455	.0003313465455
3	0.0%	.00066269309101	.00066269309101
2	0.0%	.00067979462037	.00067979462037
6	0.1%	.0011108937597	.0011108937597
6366	72.5%	.00132538618202-.22393173690775	NOTE: Range of values omitted from display
20	0.2%	.25678417489971	.25678417489971
66	0.8%	.27983545875555	.27983545875555
3	0.0%	.30554764545382	.30554764545382
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc13y2</b>		Num 8	PE scope in Structure of matter & physical changes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
46	0.5%	0	0
1	0.0%	.00088359078801	.00088359078801
2	0.0%	.00094454550891	.00094454550891
476	5.4%	.00176718157602	.00176718157602
2	0.0%	.00179765893648	.00179765893648
6278	71.5%	.00182813629693-.45345892414173	NOTE: Range of values omitted from display
2	0.0%	.46750658820213	.46750658820213
42	0.5%	.55553124862023	.55553124862023
66	0.8%	.5812013074657	.5812013074657
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc14y2</b>		Num 8	PE scope in Forces, energy, & transformations energy, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
729	8.3%	0	0
3	0.0%	.0000877927575	.0000877927575
4	0.0%	.00017558551501	.00017558551501
22	0.3%	.00052039947844	.00052039947844
3	0.0%	.00063202849492	.00063202849492
6143	69.9%	.00078712125743-.24107090838469	NOTE: Range of values omitted from display
3	0.0%	.24364407845199	.24364407845199
2	0.0%	.37065041776978	.37065041776978
6	0.1%	.40304728172883	.40304728172883
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc15y2</b>		Num 8	PE scope in Light, sound, heat, electricity, & magnetism, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
255	2.9%	0	0
197	2.2%	.00059450231058	.00059450231058
1	0.0%	.00142983128987	.00142983128987
17	0.2%	.00197289675278	.00197289675278
1	0.0%	.00207947570379	.00207947570379
6433	73.2%	.00211582683815-.36174744072199	NOTE: Range of values omitted from display
3	0.0%	.38295843455742	.38295843455742
6	0.1%	.7229003791334	.7229003791334
2	0.0%	.73866623442296	.73866623442296
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc16y2</b>		Num 8	PE scope in Matter & transformations of matter, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1705	19.4%	0	0
1	0.0%	.00013882451593	.00013882451593
4	0.0%	.000441795394	.000441795394

7	0.1%	.00045417813156	.00045417813156
96	1.1%	.00057168134574	.00057168134574
4937	56.2%	.00064416525565-.13045765713442	NOTE: Range of values omitted from display
12	0.1%	.13830540250036	.13830540250036
2	0.0%	.14972493320032	.14972493320032
151	1.7%	.14973140078707	.14973140078707
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc17y2</b>		Num 8	PE scope in Nuclear physics, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5005	57.0%	0	0
4	0.0%	.00007798275267	.00007798275267
22	0.3%	.00010664577425	.00010664577425
7	0.1%	.00011702094457	.00011702094457
70	0.8%	.00015596550535	.00015596550535
1775	20.2%	.0002132915485-.05413687237717	NOTE: Range of values omitted from display
2	0.0%	.05902337744103	.05902337744103
24	0.3%	.06726237508731	.06726237508731
6	0.1%	.11804675488206	.11804675488206
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc18y2</b>		Num 8	PE scope in Chemical changes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1700	19.4%	0	0
2	0.0%	.00086769447883	.00086769447883
48	0.5%	.00118677942103	.00118677942103
87	1.0%	.00134605558346	.00134605558346
2	0.0%	.0013550864532	.0013550864532
5005	57.0%	.00220897697003-.5430190223967299	NOTE: Range of values omitted from display
66	0.8%	.57081985879784	.57081985879784

3	0.0%	.57985081452582	.57985081452582
2	0.0%	.61591799945654	.61591799945654
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc19y2</b>		Num 8	PE scope in Motion, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4757	54.2%	0	0
3	0.0%	.00007559460754	.00007559460754
41	0.5%	.00011339191131	.00011339191131
135	1.5%	.00022678382263	.00022678382263
1	0.0%	.00023731081399	.00023731081399
1967	22.4%	.00024471223147-.20803661577856	NOTE: Range of values omitted from display
3	0.0%	.22104471026897	.22104471026897
2	0.0%	.28313754197212	.28313754197212
6	0.1%	.41607323155712	.41607323155712
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc20y2</b>		Num 8	PE scope in Science, technology, & math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
10	0.1%	0	0
5	0.1%	.00025688052486	.00025688052486
9	0.1%	.00038248023285	.00038248023285
3	0.0%	.0006735058174	.0006735058174
15	0.2%	.00087870825442	.00087870825442
6807	77.5%	.00141374526082-.06888811290234	NOTE: Range of values omitted from display
17	0.2%	.08105923179994	.08105923179994
12	0.1%	.08563095605961	.08563095605961
37	0.4%	.09135046130842	.09135046130842
509	5.8%	9991	Student did not take course in specified subject in given year



1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsc21y2</b>			
		Num 8	PE scope in History of science & technology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
293	3.3%	0	0
1	0.0%	.00031085120757	.00031085120757
1	0.0%	.00034905971551	.00034905971551
1	0.0%	.00044723471051	.00044723471051
16	0.2%	.00045008473234	.00045008473234
6568	74.8%	.00049834887928-.03290305872218	NOTE: Range of values omitted from display
9	0.1%	.03307945447807	.03307945447807
2	0.0%	.03601554037927	.03601554037927
24	0.3%	.03921857788682	.03921857788682
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc22y2</b>			
		Num 8	PE scope in Environments & resources ext, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
370	4.2%	0	0
3	0.0%	.00043228496343	.00043228496343
16	0.2%	.00045008473234	.00045008473234
18	0.2%	.00055697925382	.00055697925382
1	0.0%	.00056420616149	.00056420616149
6489	73.9%	.00071407787341-.36644987660001	NOTE: Range of values omitted from display
15	0.2%	.37259103714053	.37259103714053
1	0.0%	.37967493684042	.37967493684042
2	0.0%	.38413994315629	.38413994315629
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc23y2</b>			
		Num 8	PE scope in Nature of science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
636	7.2%	0	0
66	0.8%	.00061085801499	.00061085801499
2	0.0%	.00064088381718	.00064088381718
1	0.0%	.00070614317773	.00070614317773
58	0.7%	.00098044557953	.00098044557953
6126	69.7%	.0010175543748-.05670836369714	NOTE: Range of values omitted from display
1	0.0%	.05811062813824	.05811062813824
2	0.0%	.06087625438666	.06087625438666
23	0.3%	.07538061011187	.07538061011187
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc24y2</b>		Num 8	PE scope in Science & other disciplines, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1599	18.2%	0	0
1	0.0%	.00007836013451	.00007836013451
118	1.3%	.00015672026903	.00015672026903
420	4.8%	.00031344053807	.00031344053807
3	0.0%	.00047402137119	.00047402137119
4631	52.7%	.00054683508078-.11320384075205	NOTE: Range of values omitted from display
11	0.1%	.12704012854207	.12704012854207
2	0.0%	.17218999516041	.17218999516041
130	1.5%	.20044562525599	.20044562525599
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc25y2</b>		Num 8	PE scope in Understanding, year 2
Frequency	Percent	Value	Label
6067	69.1%	0	0
3	0.0%	.0000382838586	.0000382838586
3	0.0%	.0000510451448	.0000510451448

49	0.6%	.0000765677172	.0000765677172
1	0.0%	.00011813747707	.00011813747707
135	1.5%	.00015313543441	.00015313543441
77	0.9%	.00023627495414	.00023627495414
5	0.1%	.00041196688368	.00041196688368
155	1.8%	.00082393376737	.00082393376737
420	4.8%	.00164786753475	.00164786753475
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc26y2</b>		Num 8	PE scope in Analyzing & solving problems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6533	74.4%	0	0
7	0.1%	.0000674298695	.0000674298695
1	0.0%	.00008054093154	.00008054093154
1	0.0%	.00011442978332	.00011442978332
6	0.1%	.000134859739	.000134859739
340	3.9%	.00016108186308-.0018111560269	NOTE: Range of values omitted from display
1	0.0%	.00181562524936	.00181562524936
6	0.1%	.003467148473	.003467148473
20	0.2%	.00712095203076	.00712095203076
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc27y2</b>		Num 8	PE scope in Using tools & procedures, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6211	70.7%	0	0
3	0.0%	.00004020544224	.00004020544224
3	0.0%	.00005360725632	.00005360725632
49	0.6%	.00008041088448	.00008041088448
135	1.5%	.00016082176896	.00016082176896
316	3.6%	.00019110523316-.00308231076294	NOTE: Range of values omitted from display

18	0.2%	.00329901706764	.00329901706764
179	2.0%	.0053409402548	.0053409402548
1	0.0%	.02955837905974	.02955837905974
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc28y2</b>		Num 8	PE scope in Investigating, year 2
Frequency	Percent	Value	Label
6828	77.7%	0	0
1	0.0%	.00036061892911	.00036061892911
77	0.9%	.00072123785822	.00072123785822
4	0.0%	.0011470654837	.0011470654837
5	0.1%	.00229413096741	.00229413096741
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsc29y2</b>		Num 8	PE scope in Communicating, year 2
Frequency	Percent	Value	Label
6895	78.5%	0	0
20	0.2%	.00275649756029	.00275649756029
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd1y2</b>		Num 8	IGP*PE scope in Earth features, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2240	25.5%	0	0
1	0.0%	.00010943736516	.00010943736516
18	0.2%	.00021887473032	.00021887473032
1	0.0%	.00034334124269	.00034334124269
39	0.4%	.00042859015525	.00042859015525
4613	52.5%	.00068668248538-.23588142176494	NOTE: Range of values omitted from display
1	0.0%	.26011376534603	.26011376534603
1	0.0%	.27418982119812	.27418982119812

1	0.0%	.32714926728009	.32714926728009
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd2y2</b>		Num 8	IGP*PE scope in Earth process, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
400	4.6%	0	0
3	0.0%	.00002723654305	.00002723654305
144	1.6%	.00005447308611	.00005447308611
2	0.0%	.00013118107834	.00013118107834
18	0.2%	.00026236215669	.00026236215669
6340	72.2%	.00038242514809-.25583330068658	NOTE: Range of values omitted from display
1	0.0%	.2992264662557	.2992264662557
1	0.0%	.30739264501603	.30739264501603
6	0.1%	.46085442834885	.46085442834885
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd3y2</b>		Num 8	IGP*PE scope in Earth and the universe, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3614	41.1%	0	0
4	0.0%	.00010435323149	.00010435323149
56	0.6%	.00012786017137	.00012786017137
2	0.0%	.00015863824954	.00015863824954
298	3.4%	.00020870646298	.00020870646298
2929	33.3%	.00024160149259-.12353923069639	NOTE: Range of values omitted from display
1	0.0%	.129230520733	.129230520733
5	0.1%	.12955872141906	.12955872141906
6	0.1%	.14767639535957	.14767639535957
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd4y2</b>		Num 8	IGP*PE scope in Plants, animals, and their life cycles, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
703	8.0%	0	0
1	0.0%	.00009894293277	.00009894293277
2	0.0%	.00011287209549	.00011287209549
144	1.6%	.00019788586555	.00019788586555
66	0.8%	.00022574419099	.00022574419099
5730	65.2%	.00023721911667-.32694106209252	NOTE: Range of values omitted from display
133	1.5%	.33432213830356	.33432213830356
119	1.4%	.34943651852276	.34943651852276
17	0.2%	.35146145908605	.35146145908605
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd5y2</b>		Num 8	IGP*PE scope in Organs, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1395	15.9%	0	0
1	0.0%	.00008909265066	.00008909265066
92	1.0%	.00017818530133	.00017818530133
2	0.0%	.00020521446536	.00020521446536
17	0.2%	.00024052597045	.00024052597045
5386	61.3%	.00034902976711-.34302672421858	NOTE: Range of values omitted from display
3	0.0%	.38882178892137	.38882178892137
3	0.0%	.40620388491864	.40620388491864
16	0.2%	.46249281281211	.46249281281211
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd6y2</b>		Num 8	IGP*PE scope in Biochemistry/microbiology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
780	8.9%	0	0

6	0.1%	.00003387772963	.00003387772963
5	0.1%	.00006775545926	.00006775545926
3	0.0%	.00039161274614	.00039161274614
1	0.0%	.00049718454589	.00049718454589
6090	69.3%	.00064824294589-.22753306912314	NOTE: Range of values omitted from display
17	0.2%	.25459972079941	.25459972079941
9	0.1%	.29222374856293	.29222374856293
4	0.0%	.32351707976325	.32351707976325
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd7y2</b>		Num 8	IGP*PE scope in Biosystems, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
772	8.8%	0	0
1	0.0%	.00019883856371	.00019883856371
2	0.0%	.00020861713905	.00020861713905
18	0.2%	.00039767712742	.00039767712742
66	0.8%	.00041723427811	.00041723427811
6023	68.6%	.00059549461543-.24525791852196	NOTE: Range of values omitted from display
1	0.0%	.24625744358785	.24625744358785
9	0.1%	.2858521946154	.2858521946154
23	0.3%	.32812580411751	.32812580411751
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd8y2</b>		Num 8	IGP*PE scope in Evolution, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1690	19.2%	0	0
1	0.0%	.00021618241217	.00021618241217
12	0.1%	.00043236482434	.00043236482434
11	0.1%	.0005501121416	.0005501121416
3	0.0%	.00086472964868	.00086472964868

4981	56.7%	.0011002242832-.12057387393263	NOTE: Range of values omitted from display
3	0.0%	.13141508061144	.13141508061144
197	2.2%	.13237168876254	.13237168876254
17	0.2%	.14515734344623	.14515734344623
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd9y2</b>		Num 8	IGP*PE scope in Environments & ecology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1324	15.1%	0	0
32	0.4%	.00006909099578	.00006909099578
39	0.4%	.00012318383433	.00012318383433
3	0.0%	.00013818199156	.00013818199156
5	0.1%	.00023311811261	.00023311811261
5377	61.2%	.00023971268763-.13347176035116	NOTE: Range of values omitted from display
118	1.3%	.13787922633064	.13787922633064
2	0.0%	.14979155686643	.14979155686643
15	0.2%	.18810035010003	.18810035010003
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd10y2</b>		Num 8	IGP*PE scope in Nutrition & disease, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
742	8.4%	0	0
5	0.1%	.00006577557999	.00006577557999
2	0.0%	.00019937908437	.00019937908437
42	0.5%	.0003936725665	.0003936725665
5	0.1%	.00043113076089	.00043113076089
6049	68.9%	.0005213534554-.2004092874299	NOTE: Range of values omitted from display
25	0.3%	.21364575473208	.21364575473208
1	0.0%	.22585211256877	.22585211256877
44	0.5%	.33355865105216	.33355865105216



509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd11y2</b>		Num 8	IGP*PE scope in Matter, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
406	4.6%	0	0
8	0.1%	.00027969965528	.00027969965528
2	0.0%	.0004604889692	.0004604889692
3	0.0%	.00049345908299	.00049345908299
135	1.5%	.00055939931056	.00055939931056
6338	72.2%	.00074018862448-.15837018760614	NOTE: Range of values omitted from display
3	0.0%	.174766877092	.174766877092
2	0.0%	.17580382999087	.17580382999087
18	0.2%	.17819283745107	.17819283745107
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd12y2</b>		Num 8	IGP*PE scope in Chemical properties, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
448	5.1%	0	0
1	0.0%	.00043916691571	.00043916691571
2	0.0%	.00071692223157	.00071692223157
3	0.0%	.00087833383142	.00087833383142
6	0.1%	.00146112536208	.00146112536208
6366	72.5%	.00163229243763-.23402642202622	NOTE: Range of values omitted from display
20	0.2%	.26729284809654	.26729284809654
66	0.8%	.2896845194634	.2896845194634
3	0.0%	.31937990855901	.31937990855901
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd13y2</b>		Num 8	IGP*PE scope in Structure of matter & physical changes, year 2
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
46	0.5%	0	0
1	0.0%	.00102076634462	.00102076634462
2	0.0%	.00112339067213	.00112339067213
476	5.4%	.00204153268925	.00204153268925
2	0.0%	.002092844853	.002092844853
6278	71.5%	.00214415701676-.45506792881051	NOTE: Range of values omitted from display
2	0.0%	.47683235081048	.47683235081048
42	0.5%	.56709818866393	.56709818866393
66	0.8%	.59403794024871	.59403794024871
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

IGP*PE scope in Forces, energy, & transformations energy, year 2 NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
729	8.3%	0	0
3	0.0%	.00010497856442	.00010497856442
4	0.0%	.00020995712884	.00020995712884
22	0.3%	.00054033640685	.00054033640685
3	0.0%	.0005958001782	.0005958001782
6130	69.8%	.00089061602835-.25545668301671	NOTE: Range of values omitted from display
16	0.2%	.26004987742754	.26004987742754
2	0.0%	.38407543749212	.38407543749212
6	0.1%	.39637721747212	.39637721747212
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

IGP*PE scope in Light, sound, heat, electricity, & magnetism, year 2 NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
255	2.9%	0	0
197	2.2%	.00056268198319	.00056268198319

1	0.0%	.00154570593793	.00154570593793
17	0.2%	.00180327616719	.00180327616719
133	1.5%	.00196560443983	.00196560443983
6301	71.7%	.00207241053001-.3506455188522	NOTE: Range of values omitted from display
3	0.0%	.36878772691579	.36878772691579
6	0.1%	.7007283557212	.7007283557212
2	0.0%	.7036675740773199	.7036675740773199
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd16y2</b>		Num 8	IGP*PE scope in Matter & transformations of matter, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1705	19.4%	0	0
1	0.0%	.00017165042016	.00017165042016
7	0.1%	.00058102078927	.00058102078927
4	0.0%	.00058555588761	.00058555588761
96	1.1%	.00073883711772	.00073883711772
4937	56.2%	.00079765827229-.13784714363014	NOTE: Range of values omitted from display
12	0.1%	.14313828549198	.14313828549198
2	0.0%	.1557571194805	.1557571194805
151	1.7%	.15976468840599	.15976468840599
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd17y2</b>		Num 8	IGP*PE scope in Nuclear physics, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5192	59.1%	0	0
4	0.0%	.00010240812834	.00010240812834
22	0.3%	.00014626566594	.00014626566594
7	0.1%	.00018178633703	.00018178633703
70	0.8%	.00020481625669	.00020481625669
1581	18.0%	.00029253133188-.06385092353355	NOTE: Range of values omitted from display

9	0.1%	.07519258291926	.07519258291926
24	0.3%	.09787590169068	.09787590169068
6	0.1%	.12738547440197	.12738547440197
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd18y2</b>		Num 8	IGP*PE scope in Chemical changes, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1700	19.4%	0	0
2	0.0%	.0011014643453	.0011014643453
48	0.5%	.00175564152949	.00175564152949
87	1.0%	.00185922251911	.00185922251911
2	0.0%	.00187555928045	.00187555928045
5005	57.0%	.00252561064925-.60609476036534	NOTE: Range of values omitted from display
66	0.8%	.61753339166979	.61753339166979
3	0.0%	.64657630680662	.64657630680662
2	0.0%	.67826913481246	.67826913481246
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd19y2</b>		Num 8	IGP*PE scope in Motion, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4757	54.2%	0	0
3	0.0%	.00008629147188	.00008629147188
41	0.5%	.00012943720783	.00012943720783
1	0.0%	.00023668619951	.00023668619951
135	1.5%	.00025887441566	.00025887441566
1967	22.4%	.0002687338915-.19730804544762	NOTE: Range of values omitted from display
3	0.0%	.23325766314512	.23325766314512
2	0.0%	.2870105375886	.2870105375886
6	0.1%	.39261078604087	.39261078604087
509	5.8%	9991	Student did not take course in specified subject in given year

1359	15.5%	9992	Student took course, but curriculum information not available for this course
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<b>etsd20y2</b>			
		Num 8	IGP*PE scope in Science, technology, & math, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
10	0.1%	0	0
5	0.1%	.00028015463748	.00028015463748
9	0.1%	.00037187087539	.00037187087539
15	0.2%	.00084473124677	.00084473124677
3	0.0%	.00096582858241	.00096582858241
6791	77.3%	.00129267233227-.07748425953105	NOTE: Range of values omitted from display
33	0.4%	.07939224083329	.07939224083329
37	0.4%	.08190461512566	.08190461512566
12	0.1%	.09524485445422	.09524485445422
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd21y2</b>			
		Num 8	IGP*PE scope in History of science & technology, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
294	3.3%	0	0
1	0.0%	.00025546853435	.00025546853435
1	0.0%	.00029179911163	.00029179911163
1	0.0%	.00034405996859	.00034405996859
2	0.0%	.0004664827023	.0004664827023
5242	59.7%	.00049890996084-.034452234987	NOTE: Range of values omitted from display
24	0.3%	.03537344014449	.03537344014449
5	0.1%	.03610587191851	.03610587191851
1345	15.3%	.03941314578153	.03941314578153
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd22y2</b>			
		Num 8	IGP*PE scope in Environments & resources, year 2 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
391	4.5%	0	0
16	0.2%	.00040924661886	.00040924661886
1	0.0%	.0004286237509	.0004286237509
12	0.1%	.00061370002466	.00061370002466
3	0.0%	.00061944325882	.00061944325882
6474	73.7%	.00085724750181-.35390478075377	NOTE: Range of values omitted from display
1	0.0%	.36950048931128	.36950048931128
15	0.2%	.38591505545438	.38591505545438
2	0.0%	.39429296182479	.39429296182479
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd23y2</b>		Num 8	IGP*PE scope in Nature of science, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
636	7.2%	0	0
66	0.8%	.00052572232081	.00052572232081
2	0.0%	.00056628309855	.00056628309855
1	0.0%	.00062671181162	.00062671181162
58	0.7%	.00079537018212	.00079537018212
6126	69.7%	.00093757167631-.05986481493198	NOTE: Range of values omitted from display
2	0.0%	.06222322218081	.06222322218081
1	0.0%	.06897828511505	.06897828511505
23	0.3%	.07150279161116	.07150279161116
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd24y2</b>		Num 8	IGP*PE scope in Science & other disciplines, year 2 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1599	18.2%	0	0
1	0.0%	.00006866794846	.00006866794846
118	1.3%	.00013733589692	.00013733589692

420	4.8%	.00027467179384	.00027467179384
144	1.6%	.00052019996476	.00052019996476
4490	51.1%	.00056195479754-.12490939822245	NOTE: Range of values omitted from display
11	0.1%	.13429417795638	.13429417795638
2	0.0%	.17870151467164	.17870151467164
130	1.5%	.21841521943724	.21841521943724
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd25y2</b>		Num 8	IGP*PE scope in Understanding, year 2
Frequency	Percent	Value	Label
6725	76.6%	0	0
3	0.0%	.00003438934375	.00003438934375
3	0.0%	.00004585245834	.00004585245834
49	0.6%	.00006877868751	.00006877868751
135	1.5%	.00013755737502	.00013755737502
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd26y2</b>		Num 8	IGP*PE scope in Analyzing & solving problems, year 2
Frequency	Percent	Value	Label
6836	77.8%	0	0
1	0.0%	.00015008204426	.00015008204426
77	0.9%	.00030016408853	.00030016408853
1	0.0%	.00182946661185	.00182946661185
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd27y2</b>		Num 8	IGP*PE scope in Using tools & procedures, year 2
Frequency	Percent	Value	Label
6494	73.9%	0	0
3	0.0%	.00005417317472	.00005417317472
3	0.0%	.00007223089962	.00007223089962
49	0.6%	.00010834634944	.00010834634944

135	1.5%	.00021669269888	.00021669269888
1	0.0%	.00090596210402	.00090596210402
1	0.0%	.00169797369912	.00169797369912
50	0.6%	.00181192420804	.00181192420804
179	2.0%	.00362384841608	.00362384841608
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd28y2</b>		Num 8	IGP*PE scope in Investigating, year 2
Frequency	Percent	Value	Label
6837	77.8%	0	0
1	0.0%	.0000959220022	.0000959220022
77	0.9%	.0001918440044	.0001918440044
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsd29y2</b>		Num 2	IGP*PE scope in Communicating, year 2
Frequency	Percent	Value	Label
6915	78.7%	0	0
509	5.8%	9991	Student did not take course in specified subject in given year
1359	15.5%	9992	Student took course, but curriculum information not available for this course

<b>etsaly3</b>		Num 8	Unweighted scope in Earth features, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2241	25.5%	0	0
1	0.0%	.00019179313545	.00019179313545
5	0.1%	.00025545660291	.00025545660291
1	0.0%	.00027468470982	.00027468470982
7	0.1%	.00035946378424	.00035946378424
3240	36.9%	.0003835862709-.24508533940272	NOTE: Range of values omitted from display
1	0.0%	.26420234492958	.26420234492958
1	0.0%	.29842251290251	.29842251290251
2	0.0%	.30651223771422	.30651223771422
1868	21.3%	9991	Student did not take course in specified subject in given year



1416	16.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsa2y3</b>			
		Num 8	Unweighted scope in Earth process, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1286	14.6%	0	0
2	0.0%	.00010210750172	.00010210750172
3	0.0%	.00015316125259	.00015316125259
193	2.2%	.00030632250518	.00030632250518
1	0.0%	.00030749020906	.00030749020906
3985	45.4%	.00038116259376-.28663581875619	NOTE: Range of values omitted from display
1	0.0%	.34140436419215	.34140436419215
2	0.0%	.35232545964013	.35232545964013
26	0.3%	.48917777408531	.48917777408531
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa3y3</b>			
		Num 8	Unweighted scope in Earth and the universe, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3108	35.4%	0	0
4	0.0%	.00004144308486	.00004144308486
54	0.6%	.00008288616973	.00008288616973
12	0.1%	.00012432925459	.00012432925459
3	0.0%	.00015247226345	.00015247226345
2289	26.1%	.00017105704051-.12810931071805	NOTE: Range of values omitted from display
2	0.0%	.13628570759819	.13628570759819
26	0.3%	.14585746214369	.14585746214369
1	0.0%	.17180610299479	.17180610299479
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa4y3</b>			
		Num 8	Unweighted scope in Plants, animals, and their life cycles, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1476	16.8%	0	0
5	0.1%	.00006264865374	.00006264865374
1	0.0%	.00009349729814	.00009349729814
7	0.1%	.00009397298062	.00009397298062
8	0.1%	.00014024594721	.00014024594721
3832	43.6%	.00018794596124-.47501010528111	NOTE: Range of values omitted from display
107	1.2%	.49163156355475	.49163156355475
33	0.4%	.50729944798723	.50729944798723
30	0.3%	.60240929210654	.60240929210654
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa5y3</b>		Num 8	Unweighted scope in Organs, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2991	34.1%	0	0
1	0.0%	.00012865091619	.00012865091619
1	0.0%	.00016967207341	.00016967207341
1	0.0%	.00020432814535	.00020432814535
20	0.2%	.00025730183238	.00025730183238
2399	27.3%	.00031104912352-.45153545923825	NOTE: Range of values omitted from display
8	0.1%	.48506391139649	.48506391139649
55	0.6%	.70836462769923	.70836462769923
23	0.3%	.716888012678	.716888012678
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa6y3</b>		Num 8	Unweighted scope in Biochemistry/microbiology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1517	17.3%	0	0
2	0.0%	.00003757758995	.00003757758995
6	0.1%	.00005636638492	.00005636638492

1	0.0%	.00011273276985	.00011273276985
3	0.0%	.00018026091405	.00018026091405
3816	43.4%	.00020987267985-.25301818000363	NOTE: Range of values omitted from display
107	1.2%	.25629793512584	.25629793512584
30	0.3%	.26180169736846	.26180169736846
17	0.2%	.27654036033287	.27654036033287
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa7y3</b>		Num 8	Unweighted scope in Biosystems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2058	23.4%	0	0
2	0.0%	.00018796599679	.00018796599679
8	0.1%	.00028194899518	.00028194899518
20	0.2%	.00038595274857	.00038595274857
1	0.0%	.00041638950359	.00041638950359
3388	38.6%	.00043057655151-.26660770375288	NOTE: Range of values omitted from display
8	0.1%	.29597602527772	.29597602527772
6	0.1%	.29637836814108	.29637836814108
8	0.1%	.35055117458794	.35055117458794
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa8y3</b>		Num 8	Unweighted scope in Evolution, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3367	38.3%	0	0
6	0.1%	.00010051748826	.00010051748826
8	0.1%	.00012950288842	.00012950288842
21	0.2%	.00020103497653	.00020103497653
5	0.1%	.00024009142001	.00024009142001
1922	21.9%	.00025900577684-.10220534625118	NOTE: Range of values omitted from display
33	0.4%	.10504103741362	.10504103741362

107	1.2%	.11229669015745	.11229669015745
30	0.3%	.14187284509353	.14187284509353
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa9y3</b>		Num 8	Unweighted scope in Environments & ecology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2447	27.9%	0	0
1	0.0%	.00006911636359	.00006911636359
76	0.9%	.00013823272718	.00013823272718
4	0.0%	.00014611927548	.00014611927548
3	0.0%	.00015911536921	.00015911536921
2960	33.7%	.00027646545437-.19652271509073	NOTE: Range of values omitted from display
1	0.0%	.21280890223199	.21280890223199
2	0.0%	.25671383166165	.25671383166165
5	0.1%	.38842861995062	.38842861995062
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa10y3</b>		Num 8	Unweighted scope in Nutrition & disease, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2016	23.0%	0	0
1	0.0%	.00016333150589	.00016333150589
2	0.0%	.00018209408433	.00018209408433
2	0.0%	.00021738195592	.00021738195592
53	0.6%	.00027292392315	.00027292392315
3359	38.2%	.00030871227702-.27163335120613	NOTE: Range of values omitted from display
8	0.1%	.33204914566677	.33204914566677
1	0.0%	.34835978237993	.34835978237993
57	0.6%	.43927434061499	.43927434061499
1868	21.3%	9991	Student did not take course in specified subject in given year

1416	16.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsa11y3</b>		Num 8	Unweighted scope in Matter, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
187	2.1%	0	0
6	0.1%	.00013225496659	.00013225496659
8	0.1%	.00026450993319	.00026450993319
1	0.0%	.00069003508874	.00069003508874
7	0.1%	.0009143982969	.0009143982969
5260	59.9%	.00138007017748-.20685776372337	NOTE: Range of values omitted from display
4	0.0%	.20829251126006	.20829251126006
4	0.0%	.23116836908277	.23116836908277
22	0.3%	.24202441213708	.24202441213708
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa12y3</b>		Num 8	Unweighted scope in Chemical properties, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
405	4.6%	0	0
29	0.3%	.00020390327026	.00020390327026
2	0.0%	.00024537389385	.00024537389385
3	0.0%	.00027289595378	.00027289595378
2	0.0%	.00050104702561	.00050104702561
4981	56.7%	.00061478459109-.2326317829731	NOTE: Range of values omitted from display
22	0.3%	.24657246348127	.24657246348127
1	0.0%	.30289931327985	.30289931327985
54	0.6%	.31428870322607	.31428870322607
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa13y3</b>		Num 8	Unweighted scope in Structure of matter & physical changes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
97	1.1%	0	0
5	0.1%	.00101611050544	.00101611050544
7	0.1%	.00219455591257	.00219455591257
102	1.2%	.00225141691702	.00225141691702
2	0.0%	.00235735667651	.00235735667651
4970	56.6%	.00238528034425-.38249135624919	NOTE: Range of values omitted from display
166	1.9%	.39428371086937	.39428371086937
32	0.4%	.4156090774236	.4156090774236
118	1.3%	.42686281879431	.42686281879431
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa14y3</b>		Num 8	Unweighted scope in Forces, energy, & transformations energy, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
382	4.3%	0	0
2	0.0%	.00023550216191	.00023550216191
1	0.0%	.00040243554108	.00040243554108
16	0.2%	.00040678378935	.00040678378935
9	0.1%	.00042625333665	.00042625333665
4889	55.7%	.00080487108217-.26493886677151	NOTE: Range of values omitted from display
33	0.4%	.27354718032473	.27354718032473
6	0.1%	.28070847338731	.28070847338731
161	1.8%	.2878697664499	.2878697664499
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa15y3</b>		Num 8	Unweighted scope in Light, sound, heat, electricity, & magnetism, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
207	2.4%	0	0
34	0.4%	.00045965460852	.00045965460852

8	0.1%	.00052901986639	.00052901986639
1	0.0%	.00053400100643	.00053400100643
18	0.2%	.00106800201287	.00106800201287
5190	59.1%	.00113784765219-.49613835621907	NOTE: Range of values omitted from display
33	0.4%	.53907023377117	.53907023377117
6	0.1%	.5712225181084301	.5712225181084301
2	0.0%	.6378068543577	.6378068543577
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa16y3</b>		Num 8	Unweighted scope in Matter & transformations of matter, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
655	7.5%	0	0
10	0.1%	.00031852275375	.00031852275375
1	0.0%	.00037523615283	.00037523615283
2	0.0%	.00056285422925	.00056285422925
6	0.1%	.00062660631242	.00062660631242
4622	52.6%	.00067872476858-.13038929119006	NOTE: Range of values omitted from display
1	0.0%	.14026671527882	.14026671527882
1	0.0%	.14802743329181	.14802743329181
201	2.3%	.16566557539356	.16566557539356
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa17y3</b>		Num 8	Unweighted scope in Nuclear physics, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1971	22.4%	0	0
12	0.1%	.00018257231163	.00018257231163
1	0.0%	.00019155763627	.00019155763627
11	0.1%	.00021529772489	.00021529772489
3	0.0%	.0002993498209	.0002993498209
3417	38.9%	.00032607293388-.06849089186813	NOTE: Range of values omitted from display

49	0.6%	.07213702695478	.07213702695478
33	0.4%	.07699666552797	.07699666552797
2	0.0%	.1020346820594	.1020346820594
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa18y3</b>		Num 8	Unweighted scope in Chemical changes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
511	5.8%	0	0
1	0.0%	.00063895441829	.00063895441829
2	0.0%	.00110088143516	.00110088143516
5	0.1%	.00124555481312	.00124555481312
3	0.0%	.00150501544564	.00150501544564
4951	56.4%	.00229611625525-.46328552289975	NOTE: Range of values omitted from display
5	0.1%	.47814685129367	.47814685129367
1	0.0%	.58872241024125	.58872241024125
20	0.2%	.61418668139692	.61418668139692
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa19y3</b>		Num 8	Unweighted scope in Motion, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2217	25.2%	0	0
2	0.0%	.00007579409064	.00007579409064
1	0.0%	.00012339337077	.00012339337077
3	0.0%	.00012549765425	.00012549765425
5	0.1%	.00015158818128	.00015158818128
3229	36.8%	.00016452449437-.21107152398865	NOTE: Range of values omitted from display
33	0.4%	.24737958495085	.24737958495085
7	0.1%	.28128697003801	.28128697003801
2	0.0%	.31519435512517	.31519435512517
1868	21.3%	9991	Student did not take course in specified subject in given year



1416	16.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsa20y3</b>		Num 8	Unweighted scope in Science, technology, & math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
124	1.4%	0	0
2	0.0%	.00030406830395	.00030406830395
3	0.0%	.00071979530447	.00071979530447
6	0.1%	.00080153332223	.00080153332223
9	0.1%	.0010228075634	.0010228075634
5338	60.8%	.00128923369473-.08015550422977	NOTE: Range of values omitted from display
1	0.0%	.08992132736081	.08992132736081
13	0.1%	.09224104428802	.09224104428802
3	0.0%	.09784330162693	.09784330162693
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa21y3</b>		Num 8	Unweighted scope in History of science & technology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
701	8.0%	0	0
7	0.1%	.00008633525894	.00008633525894
2	0.0%	.00017267051789	.00017267051789
8	0.1%	.00024771565172	.00024771565172
1	0.0%	.00033294320627	.00033294320627
4712	53.6%	.00039754260141-.03897791078125	NOTE: Range of values omitted from display
49	0.6%	.04206083425507	.04206083425507
16	0.2%	.0426480759143	.0426480759143
3	0.0%	.0612988095343	.0612988095343
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa22y3</b>		Num 8	Unweighted scope in Environments & resources, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
820	9.3%	0	0
3	0.0%	.00003980093863	.00003980093863
1	0.0%	.00005970140795	.00005970140795
29	0.3%	.00011940281591	.00011940281591
1	0.0%	.00027801022923	.00027801022923
4545	51.7%	.00045106515697-.2765859219152	NOTE: Range of values omitted from display
89	1.0%	.29721450819041	.29721450819041
10	0.1%	.3752776666933	.3752776666933
1	0.0%	.45366164289647	.45366164289647
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa23y3</b>		Num 8	Unweighted scope in Nature of science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
729	8.3%	0	0
4	0.0%	.00037297588808	.00037297588808
107	1.2%	.00074595177617	.00074595177617
5	0.1%	.00085462378353	.00085462378353
3	0.0%	.00097983152342	.00097983152342
4426	50.4%	.00099283029296-.0594244226909	NOTE: Range of values omitted from display
16	0.2%	.06715163994382	.06715163994382
201	2.3%	.07497321950295	.07497321950295
8	0.1%	.07838372423938	.07838372423938
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa24y3</b>		Num 8	Unweighted scope in Science & other disciplines, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
762	8.7%	0	0
8	0.1%	.00009404797624	.00009404797624
2	0.0%	.00017157372776	.00017157372776

4	0.0%	.00024878848209	.00024878848209
3	0.0%	.00028803176055	.00028803176055
4529	51.6%	.00033131820073-.14104689773004	NOTE: Range of values omitted from display
1	0.0%	.14139879574884	.14139879574884
161	1.8%	.1699219837282	.1699219837282
29	0.3%	.20880944512879	.20880944512879
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa25y3</b>		Num 8	Unweighted scope in Understanding, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
5035	57.3%	0	0
1	0.0%	.00007946094541	.00007946094541
7	0.1%	.00010076568883	.00010076568883
2	0.0%	.00010594792722	.00010594792722
1	0.0%	.00010964605081	.00010964605081
364	4.1%	.00013267208005-.00102266605709	NOTE: Range of values omitted from display
13	0.1%	.00104813044083	.00104813044083
71	0.8%	.0011190480416	.0011190480416
5	0.1%	.00204533211418	.00204533211418
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa26y3</b>		Num 8	Unweighted scope in Analyzing & solving problems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4827	55.0%	0	0
5	0.1%	.00003492776397	.00003492776397
122	1.4%	.00006985552795	.00006985552795
4	0.0%	.00007329350076	.00007329350076
1	0.0%	.00010994025114	.00010994025114
441	5.0%	.00011709316156-.00261989953802	NOTE: Range of values omitted from display
1	0.0%	.00406129108809	.00406129108809

33	0.4%	.00501991857377	.00501991857377
65	0.7%	.00812258217619	.00812258217619
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa27y3</b>		Num 8	Unweighted scope in Using tools & procedures, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4603	52.4%	0	0
16	0.2%	.00005503641208	.00005503641208
21	0.2%	.00011007282416	.00011007282416
4	0.0%	.00013623892015	.00013623892015
10	0.1%	.00020435838023	.00020435838023
431	4.9%	.00034574401602-.00448132893327	NOTE: Range of values omitted from display
14	0.2%	.00531674891608	.00531674891608
39	0.4%	.00633464498734	.00633464498734
361	4.1%	.00640967837654	.00640967837654
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa28y3</b>		Num 8	Unweighted scope in Investigating, year 3
Frequency	Percent	Value	Label
5431	61.8%	0	0
1	0.0%	.00040386623388	.00040386623388
8	0.1%	.00057678774993	.00057678774993
39	0.4%	.00115357549987	.00115357549987
3	0.0%	.00164750001188	.00164750001188
17	0.2%	.00329500002376	.00329500002376
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa29y3</b>		Num 8	Unweighted scope in Communicating, year 3
Frequency	Percent	Value	Label
5418	61.7%	0	0

1	0.0%	.00018189679038	.00018189679038
12	0.1%	.00036379358077	.00036379358077
2	0.0%	.00072758716154	.00072758716154
1	0.0%	.00157211267926	.00157211267926
65	0.7%	.00314422535852	.00314422535852
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb1y3</b>		Num 8	IGP scope in Earth features, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2241	25.5%	0	0
1	0.0%	.00017535428237	.00017535428237
1	0.0%	.00018954638018	.00018954638018
5	0.1%	.00028446694736	.00028446694736
3	0.0%	.0002879781139	.0002879781139
3244	36.9%	.00035070856475-.2276965832109	NOTE: Range of values omitted from display
1	0.0%	.2443476083714	.2443476083714
1	0.0%	.25561090250483	.25561090250483
2	0.0%	.28385757323265	.28385757323265
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb2y3</b>		Num 8	IGP scope in Earth process, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1286	14.6%	0	0
2	0.0%	.00004731565949	.00004731565949
3	0.0%	.00007097348923	.00007097348923
193	2.2%	.00014194697847	.00014194697847
4	0.0%	.00028929659746	.00028929659746
3982	45.3%	.000313933861-.25054005567655	NOTE: Range of values omitted from display
1	0.0%	.29265786004163	.29265786004163
2	0.0%	.30001380593186	.30001380593186

26	0.3%	.42445088030039	.42445088030039
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb3y3</b>		Num 8	IGP scope in Earth and the universe, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3108	35.4%	0	0
4	0.0%	.00003465630123	.00003465630123
54	0.6%	.00006931260246	.00006931260246
12	0.1%	.00010396890369	.00010396890369
3	0.0%	.00014978595208	.00014978595208
2289	26.1%	.0001821760618-.12010825962959	NOTE: Range of values omitted from display
2	0.0%	.12546173211827	.12546173211827
26	0.3%	.13829630008678	.13829630008678
1	0.0%	.15270065754759	.15270065754759
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb4y3</b>		Num 8	IGP scope in Plants, animals, and their life cycles, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1476	16.8%	0	0
5	0.1%	.00003477185998	.00003477185998
7	0.1%	.00005215778997	.00005215778997
1	0.0%	.00008766740239	.00008766740239
2	0.0%	.00010431557995	.00010431557995
3838	43.7%	.00013150110359-.36030628681826	NOTE: Range of values omitted from display
107	1.2%	.36104068675502	.36104068675502
33	0.4%	.38381522794502	.38381522794502
30	0.3%	.43089861709854	.43089861709854
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb5y3</b>		Num 8	IGP scope in Organs, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2991	34.1%	0	0
1	0.0%	.00010759338187	.00010759338187
1	0.0%	.00016548173625	.00016548173625
1	0.0%	.00017297548014	.00017297548014
20	0.2%	.00021518676374	.00021518676374
2404	27.4%	.00022751094072-.37996361918923	NOTE: Range of values omitted from display
3	0.0%	.38942442357041	.38942442357041
23	0.3%	.56739238208648	.56739238208648
55	0.6%	.57079753215614	.57079753215614
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb6y3</b>		Num 8	IGP scope in Biochemistry/microbiology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1518	17.3%	0	0
2	0.0%	.00003357889269	.00003357889269
6	0.1%	.00005036833904	.00005036833904
1	0.0%	.00010073667809	.00010073667809
5	0.1%	.00023952121054	.00023952121054
3824	43.5%	.00024204186601-.27605610617547	NOTE: Range of values omitted from display
6	0.1%	.30073839036907	.30073839036907
107	1.2%	.32136233445535	.32136233445535
30	0.3%	.33375339741459	.33375339741459
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb7y3</b>		Num 8	IGP scope in Biosystems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2058	23.4%	0	0

2	0.0%	.00016203227729	.00016203227729
8	0.1%	.00024304841593	.00024304841593
20	0.2%	.00034071237592	.00034071237592
2	0.0%	.00039576995965	.00039576995965
3387	38.6%	.00043247551933-.27854193202745	NOTE: Range of values omitted from display
6	0.1%	.30695324804862	.30695324804862
8	0.1%	.35291487278602	.35291487278602
8	0.1%	.3601390172396	.3601390172396
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb8y3</b>		Num 8	IGP scope in Evolution, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3367	38.3%	0	0
6	0.1%	.0001125752663	.0001125752663
8	0.1%	.00011580335108	.00011580335108
21	0.2%	.0002251505326	.0002251505326
2	0.0%	.00023160670217	.00023160670217
1925	21.9%	.0003268804931-.12068231220982	NOTE: Range of values omitted from display
33	0.4%	.1268359030869	.1268359030869
107	1.2%	.13540159179591	.13540159179591
30	0.3%	.1748466149015	.1748466149015
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb9y3</b>		Num 8	IGP scope in Environments & ecology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2454	27.9%	0	0
1	0.0%	.00007877694829	.00007877694829
3	0.0%	.00011384810173	.00011384810173
5	0.1%	.00011542182596	.00011542182596
76	0.9%	.00015755389659	.00015755389659



2952	33.6%	.00022769620347-.174509055905	NOTE: Range of values omitted from display
1	0.0%	.19068975540774	.19068975540774
2	0.0%	.22924210693278	.22924210693278
5	0.1%	.34489916150791	.34489916150791
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb10y3</b>		Num 8	IGP scope in Nutrition & disease, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2016	23.0%	0	0
1	0.0%	.00015226229065	.00015226229065
2	0.0%	.00015458617321	.00015458617321
2	0.0%	.00020777922881	.00020777922881
53	0.6%	.00022436296473	.00022436296473
3359	38.2%	.0003045245813-.24046500755784	NOTE: Range of values omitted from display
1	0.0%	.26535027638946	.26535027638946
8	0.1%	.29103135335456	.29103135335456
57	0.6%	.39541823756719	.39541823756719
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb11y3</b>		Num 8	IGP scope in Matter, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
187	2.1%	0	0
6	0.1%	.00015970001564	.00015970001564
8	0.1%	.00031940003129	.00031940003129
1	0.0%	.00057069621003	.00057069621003
7	0.1%	.00076465501848	.00076465501848
5248	59.8%	.00114139242007-.19699953327858	NOTE: Range of values omitted from display
16	0.2%	.2089277377895	.2089277377895
4	0.0%	.21093023550144	.21093023550144
22	0.3%	.22290475091261	.22290475091261

1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb12y3</b>		Num 8	IGP scope in Chemical properties, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
405	4.6%	0	0
29	0.3%	.0002330361102	.0002330361102
2	0.0%	.00027994566905	.00027994566905
3	0.0%	.00031444719705	.00031444719705
2	0.0%	.00064008675569	.00064008675569
4981	56.7%	.00071030548096-.25561568116173	NOTE: Range of values omitted from display
22	0.3%	.27976029725648	.27976029725648
1	0.0%	.3372813917867	.3372813917867
54	0.6%	.35775459375342	.35775459375342
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb13y3</b>		Num 8	IGP scope in Structure of matter & physical changes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
97	1.1%	0	0
5	0.1%	.0008921587768	.0008921587768
102	1.2%	.00242633451668	.00242633451668
7	0.1%	.0026115909862	.0026115909862
1	0.0%	.00270254059383	.00270254059383
4971	56.6%	.00278102613309-.42317252937916	NOTE: Range of values omitted from display
166	1.9%	.43219974667965	.43219974667965
32	0.4%	.46667999926908	.46667999926908
118	1.3%	.475891392687	.475891392687
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb14y3</b>		Num 8	IGP scope in Forces, energy, & transformations energy, year 3
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
382	4.3%	0	0	
2	0.0%	.00027944668551	.00027944668551	
1	0.0%	.00044489736184	.00044489736184	
9	0.1%	.00044764780547	.00044764780547	
16	0.2%	.00046363025444	.00046363025444	
4889	55.7%	.00088979472368-.28889554453253	NOTE: Range of values omitted from display	
33	0.4%	.29046169157355	.29046169157355	
6	0.1%	.2998099672291	.2998099672291	
161	1.8%	.30915824288464	.30915824288464	
1868	21.3%	9991	Student did not take course in specified subject in given year	
1416	16.1%	9992	Student took course, but curriculum information not available for this course	

<b>etsb15y3</b>				Num 8	IGP scope in Light, sound, heat, electricity, & magnetism, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
207	2.4%	0	0		
34	0.4%	.00043874763668	.00043874763668		
8	0.1%	.00048750531093	.00048750531093		
1	0.0%	.00062964740813	.00062964740813		
16	0.2%	.00104803584237	.00104803584237		
5192	59.1%	.0011178453236-.50953463820386	NOTE: Range of values omitted from display		
33	0.4%	.56140896035601	.56140896035601		
6	0.1%	.59761071247568	.59761071247568		
2	0.0%	.68689847482711	.68689847482711		
1868	21.3%	9991	Student did not take course in specified subject in given year		
1416	16.1%	9992	Student took course, but curriculum information not available for this course		

<b>etsb16y3</b>				Num 8	IGP scope in Matter & transformations of matter, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
655	7.5%	0	0		
10	0.1%	.00040750158315	.00040750158315		

1	0.0%	.00046395026934	.00046395026934
2	0.0%	.00069592540401	.00069592540401
6	0.1%	.00072962158994	.00072962158994
4622	52.6%	.00078091917335-.14837588352886	NOTE: Range of values omitted from display
1	0.0%	.15892431841712	.15892431841712
1	0.0%	.17004946962428	.17004946962428
201	2.3%	.1917230557197	.1917230557197
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb17y3</b>		Num 8	IGP scope in Nuclear physics, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2423	27.6%	0	0
12	0.1%	.00026151393458	.00026151393458
1	0.0%	.00027027418773	.00027027418773
3	0.0%	.00029582725537	.00029582725537
11	0.1%	.00031462321485	.00031462321485
2965	33.8%	.00049347566843-.09389998433538	NOTE: Range of values omitted from display
33	0.4%	.09413668122883	.09413668122883
49	0.6%	.10663930719387	.10663930719387
2	0.0%	.14664403803955	.14664403803955
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb18y3</b>		Num 8	IGP scope in Chemical changes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
511	5.8%	0	0
1	0.0%	.00083089465517	.00083089465517
2	0.0%	.00132366609891	.00132366609891
5	0.1%	.00161938993853	.00161938993853
3	0.0%	.00199378659589	.00199378659589
4951	56.4%	.00261162755527-.56218476994737	NOTE: Range of values omitted from display

5	0.1%	.57768429057755	.57768429057755
1	0.0%	.72659805272768	.72659805272768
20	0.2%	.75019613099076	.75019613099076
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb19y3</b>		Num 8	IGP scope in Motion, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2217	25.2%	0	0
2	0.0%	.00008879421445	.00008879421445
3	0.0%	.00011265943916	.00011265943916
1	0.0%	.00014593172931	.00014593172931
5	0.1%	.00017758842891	.00017758842891
3229	36.8%	.00019457563909-.22810440801927	NOTE: Range of values omitted from display
33	0.4%	.25178835740448	.25178835740448
7	0.1%	.30123775142358	.30123775142358
2	0.0%	.35068714544267	.35068714544267
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb20y3</b>		Num 8	IGP scope in Science, technology, & math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
124	1.4%	0	0
2	0.0%	.00030707567829	.00030707567829
6	0.1%	.00073250414833	.00073250414833
3	0.0%	.00100873786552	.00100873786552
9	0.1%	.00122519050673	.00122519050673
5337	60.8%	.00126349868447-.08476216452183	NOTE: Range of values omitted from display
3	0.0%	.09312064497036	.09312064497036
1	0.0%	.09732276928225	.09732276928225
14	0.2%	.09748754960905	.09748754960905
1868	21.3%	9991	Student did not take course in specified subject in given year

1416	16.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsb21y3</b>			
		Num 8	IGP scope in History of science & technology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
778	8.9%	0	0
7	0.1%	.00006389150404	.00006389150404
2	0.0%	.00012778300809	.00012778300809
8	0.1%	.00018891831425	.00018891831425
1	0.0%	.00026859255305	.00026859255305
4338	49.4%	.00030438701769-.04078803568747	NOTE: Range of values omitted from display
1	0.0%	.04233387535348	.04233387535348
361	4.1%	.046271069134	.046271069134
3	0.0%	.04719173228288	.04719173228288
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb22y3</b>			
		Num 8	IGP scope in Environments & resources ext, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
847	9.6%	0	0
3	0.0%	.00004548752901	.00004548752901
1	0.0%	.00006823129352	.00006823129352
29	0.3%	.00013646258705	.00013646258705
1	0.0%	.00043045389844	.00043045389844
4518	51.4%	.00046649026226-.28072707424308	NOTE: Range of values omitted from display
89	1.0%	.31444052012594	.31444052012594
10	0.1%	.3580639664009	.3580639664009
1	0.0%	.42183820454208	.42183820454208
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb23y3</b>			
		Num 8	IGP scope in Nature of science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
729	8.3%	0	0
4	0.0%	.00033644184851	.00033644184851
107	1.2%	.00067288369703	.00067288369703
5	0.1%	.00084059871619	.00084059871619
3	0.0%	.00091873547309	.00091873547309
4426	50.4%	.00103336092182-.05664621405115	NOTE: Range of values omitted from display
201	2.3%	.07089792214093	.07089792214093
16	0.2%	.07114418586658	.07114418586658
8	0.1%	.0784788784594	.0784788784594
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb24y3</b>		Num 8	IGP scope in Science & other disciplines, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
762	8.7%	0	0
8	0.1%	.00008069053422	.00008069053422
2	0.0%	.00014817982352	.00014817982352
4	0.0%	.00020885626177	.00020885626177
3	0.0%	.0002259244533	.0002259244533
4527	51.5%	.00029635964705-.14962092610093	NOTE: Range of values omitted from display
3	0.0%	.1637114803877	.1637114803877
161	1.8%	.16641000182866	.16641000182866
29	0.3%	.25531233617779	.25531233617779
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb25y3</b>		Num 8	IGP scope in Understanding, year 3
Frequency	Percent	Value	Label
5461	62.2%	0	0
17	0.2%	.00014033530451	.00014033530451
21	0.2%	.00028067060902	.00028067060902

1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb26y3</b>		Num 8	IGP scope in Analyzing & solving problems, year 3
Frequency	Percent	Value	Label
5452	62.1%	0	0
8	0.1%	.00004852662297	.00004852662297
39	0.4%	.00009705324594	.00009705324594
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb27y3</b>		Num 8	IGP scope in Using tools & procedures, year 3
Frequency	Percent	Value	Label
4940	56.2%	0	0
16	0.2%	.00007368958074	.00007368958074
21	0.2%	.00014737916149	.00014737916149
2	0.0%	.00112870714714	.00112870714714
1	0.0%	.00150494286286	.00150494286286
156	1.8%	.00225741429429	.00225741429429
1	0.0%	.00233110387504	.00233110387504
1	0.0%	.00300988572573	.00300988572573
361	4.1%	.00451482858859	.00451482858859
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb28y3</b>		Num 8	IGP scope in Investigating, year 3
Frequency	Percent	Value	Label
5452	62.1%	0	0
8	0.1%	.00021710389146	.00021710389146
39	0.4%	.00043420778292	.00043420778292
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb29y3</b>		Num 2	IGP scope in Communicating, year 3
Frequency	Percent	Value	Label



5499	62.6%	0	0
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc1y3</b>		Num 8	PE scope in Earth features, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2241	25.5%	0	0
1	0.0%	.00009375536689	.00009375536689
5	0.1%	.00010746798023	.00010746798023
20	0.2%	.00021493596046	.00021493596046
1	0.0%	.00040960637769	.00040960637769
3186	36.3%	.00061632901837-.23892777475318	NOTE: Range of values omitted from display
42	0.5%	.25382683958786	.25382683958786
1	0.0%	.2955623725488	.2955623725488
2	0.0%	.35432349510507	.35432349510507
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc2y3</b>		Num 8	PE scope in Earth process, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1286	14.6%	0	0
2	0.0%	.00004327282734	.00004327282734
3	0.0%	.00006490924101	.00006490924101
193	2.2%	.00012981848203	.00012981848203
4	0.0%	.00034811203364	.00034811203364
3982	45.3%	.00039401811878-.2895984733866	NOTE: Range of values omitted from display
1	0.0%	.34807395000597	.34807395000597
2	0.0%	.3637021957311	.3637021957311
26	0.3%	.51595661086815	.51595661086815
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc3y3</b>		Num 8	PE scope in Earth and the universe, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3108	35.4%	0	0
2	0.0%	.00007006721886	.00007006721886
4	0.0%	.00012486086876	.00012486086876
118	1.3%	.00014013443773	.00014013443773
29	0.3%	.00014566724729	.00014566724729
2209	25.2%	.00017816971211-.1320632546052	NOTE: Range of values omitted from display
1	0.0%	.13279546760338	.13279546760338
2	0.0%	.14210074396324	.14210074396324
26	0.3%	.15162911033539	.15162911033539
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc4y3</b>		Num 8	PE scope in Plants, animals, and their life cycles, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1476	16.8%	0	0
1	0.0%	.0000874337668	.0000874337668
5	0.1%	.00011160832801	.00011160832801
63	0.7%	.00013099865004	.00013099865004
8	0.1%	.0001311506502	.0001311506502
3880	44.2%	.00016741249202-.41977282596826	NOTE: Range of values omitted from display
33	0.4%	.44110607277793	.44110607277793
3	0.0%	.45580335141307	.45580335141307
30	0.3%	.48995336334501	.48995336334501
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc5y3</b>		Num 8	PE scope in Organs, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2991	34.1%	0	0

4	0.0%	.00013285950455	.00013285950455
1	0.0%	.00015536802477	.00015536802477
148	1.7%	.00026571900911	.00026571900911
6	0.1%	.00029998816974	.00029998816974
2268	25.8%	.00031073604955-.43953225497998	NOTE: Range of values omitted from display
3	0.0%	.4406327004847	.4406327004847
23	0.3%	.48723270909761	.48723270909761
55	0.6%	.54549243955978	.54549243955978
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc6y3</b>		Num 8	PE scope in Biochemistry/microbiology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1517	17.3%	0	0
2	0.0%	.0000229558328	.0000229558328
6	0.1%	.0000344337492	.0000344337492
1	0.0%	.00006886749841	.00006886749841
1	0.0%	.00031308270045	.00031308270045
3893	44.3%	.00035850976866-.19946016949185	NOTE: Range of values omitted from display
2	0.0%	.19951740033278	.19951740033278
17	0.2%	.20776498316308	.20776498316308
60	0.7%	.24518015335556	.24518015335556
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc7y3</b>		Num 8	PE scope in Biosystems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2058	23.4%	0	0
2	0.0%	.00017577593638	.00017577593638
2	0.0%	.00020683255884	.00020683255884
5	0.1%	.00020767621872	.00020767621872
8	0.1%	.00026366390457	.00026366390457

3348	38.1%	.00031422674886-.23255796167173	NOTE: Range of values omitted from display
60	0.7%	.25939130799658	.25939130799658
8	0.1%	.27617645997111	.27617645997111
8	0.1%	.28463630148249	.28463630148249
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc8y3</b>		Num 8	PE scope in Evolution, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3367	38.3%	0	0
5	0.1%	.00020275292722	.00020275292722
6	0.1%	.00021143136799	.00021143136799
8	0.1%	.00026916036204	.00026916036204
1	0.0%	.00033733310825	.00033733310825
2026	23.1%	.00040550585445-.09947840650994	NOTE: Range of values omitted from display
34	0.4%	.10444216472616	.10444216472616
22	0.3%	.10573081563551	.10573081563551
30	0.3%	.1172752100476	.1172752100476
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc9y3</b>		Num 8	PE scope in Environments & ecology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2447	27.9%	0	0
1	0.0%	.00003299869823	.00003299869823
76	0.9%	.00006599739647	.00006599739647
54	0.6%	.00013199479294	.00013199479294
1	0.0%	.00016840276938	.00016840276938
2912	33.2%	.00018345434407-.20775079798444	NOTE: Range of values omitted from display
1	0.0%	.23375374225627	.23375374225627
2	0.0%	.26629883474868	.26629883474868
5	0.1%	.36393411222593	.36393411222593

1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc10y3</b>		Num 8	PE scope in Nutrition & disease, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2016	23.0%	0	0
2	0.0%	.00008294610812	.00008294610812
5	0.1%	.00026633459566	.00026633459566
1	0.0%	.00027159718757	.00027159718757
2	0.0%	.00045521884938	.00045521884938
3400	38.7%	.00052445257749-.23443231653105	NOTE: Range of values omitted from display
15	0.2%	.23706512666278	.23706512666278
57	0.6%	.35172683834709	.35172683834709
1	0.0%	.35783859425972	.35783859425972
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc11y3</b>		Num 8	PE scope in Matter, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
187	2.1%	0	0
6	0.1%	.00007068128069	.00007068128069
8	0.1%	.00014136256139	.00014136256139
1	0.0%	.0003360583155	.0003360583155
7	0.1%	.0005509848802	.0005509848802
5262	59.9%	.000672116631-.1746876965122	NOTE: Range of values omitted from display
2	0.0%	.17833558810291	.17833558810291
22	0.3%	.18816486436206	.18816486436206
4	0.0%	.18981375960679	.18981375960679
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc12y3</b>		Num 8	PE scope in Chemical properties, year 3
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
405	4.6%	0	0
29	0.3%	.00007143666084	.00007143666084
3	0.0%	.00043138122045	.00043138122045
2	0.0%	.00043713261806	.00043713261806
2	0.0%	.00055544687985	.00055544687985
4885	55.6%	.00066269309101-.25678417489971	NOTE: Range of values omitted from display
118	1.3%	.27983545875555	.27983545875555
54	0.6%	.30554764545382	.30554764545382
1	0.0%	.34221607267877	.34221607267877
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

etsc13y3			
		Num 8	PE scope in Structure of matter & physical changes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
97	1.1%	0	0
2	0.0%	.00091703025038	.00091703025038
7	0.1%	.00094454550891	.00094454550891
102	1.2%	.00176718157602	.00176718157602
9	0.1%	.00182813629693	.00182813629693
5127	58.4%	.00187626535571-.45345892414173	NOTE: Range of values omitted from display
5	0.1%	.46750658820213	.46750658820213
32	0.4%	.55553124862023	.55553124862023
118	1.3%	.5812013074657	.5812013074657
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

etsc14y3			
		Num 8	PE scope in Forces, energy, & transformations energy, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
382	4.3%	0	0
16	0.2%	.00017558551501	.00017558551501

1	0.0%	.00039348102128	.00039348102128
2	0.0%	.00046837566551	.00046837566551
9	0.1%	.00052039947844	.00052039947844
5076	57.8%	.00063202849492-.40304728172883	NOTE: Range of values omitted from display
7	0.1%	.40424705852525	.40424705852525
2	0.0%	.40544683532168	.40544683532168
4	0.0%	.43132824273098	.43132824273098
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc15y3</b>		Num 8	PE scope in Light, sound, heat, electricity, & magnetism, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
207	2.4%	0	0
8	0.1%	.00028272512279	.00028272512279
1	0.0%	.00052211904747	.00052211904747
34	0.4%	.00059450231058	.00059450231058
18	0.2%	.00104423809494	.00104423809494
5221	59.4%	.00112781093779-.7335593727388	NOTE: Range of values omitted from display
6	0.1%	.73866623442296	.73866623442296
2	0.0%	.74421836634421	.74421836634421
2	0.0%	1.06802571611078	1.06802571611078
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc16y3</b>		Num 8	PE scope in Matter & transformations of matter, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
655	7.5%	0	0
10	0.1%	.00013882451593	.00013882451593
1	0.0%	.00029453026267	.00029453026267
2	0.0%	.000441795394	.000441795394
1	0.0%	.00048962814082	.00048962814082
4565	52.0%	.00051120765197-.13830540250036	NOTE: Range of values omitted from display

1	0.0%	.13830863629373	.13830863629373
63	0.7%	.14972493320032	.14972493320032
201	2.3%	.14973140078707	.14973140078707
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc17y3</b>		Num 8	PE scope in Nuclear physics, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1971	22.4%	0	0
12	0.1%	.00007798275267	.00007798275267
11	0.1%	.00010664577425	.00010664577425
1	0.0%	.00011702094457	.00011702094457
125	1.4%	.00015596550535	.00015596550535
3343	38.1%	.0002132915485-.0832659883277	NOTE: Range of values omitted from display
1	0.0%	.08533599514213	.08533599514213
33	0.4%	.11804675488206	.11804675488206
2	0.0%	.16653197665541	.16653197665541
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc18y3</b>		Num 8	PE scope in Chemical changes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
511	5.8%	0	0
1	0.0%	.00043384723941	.00043384723941
5	0.1%	.00082529884313	.00082529884313
3	0.0%	.00118677942103	.00118677942103
11	0.1%	.00134605558346	.00134605558346
4944	56.3%	.00183849962601-.57081985879784	NOTE: Range of values omitted from display
18	0.2%	.57985081452582	.57985081452582
5	0.1%	.61591799945654	.61591799945654
1	0.0%	.65082937978874	.65082937978874
1868	21.3%	9991	Student did not take course in specified subject in given year



1416	16.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsc19y3</b>		Num 8	PE scope in Motion, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2217	25.2%	0	0
9	0.1%	.00011339191131	.00011339191131
3	0.0%	.00020868484469	.00020868484469
21	0.2%	.00022678382263	.00022678382263
1	0.0%	.00023534079772	.00023534079772
3206	36.5%	.00023731081399-.34629485686509	NOTE: Range of values omitted from display
33	0.4%	.41607323155712	.41607323155712
7	0.1%	.45884156039973	.45884156039973
2	0.0%	.50160988924233	.50160988924233
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc20y3</b>		Num 8	PE scope in Science, technology, & math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
124	1.4%	0	0
2	0.0%	.00025688052486	.00025688052486
6	0.1%	.00038248023285	.00038248023285
3	0.0%	.0006735058174	.0006735058174
89	1.0%	.00087870825442	.00087870825442
5247	59.7%	.00141374526082-.08105923179994	NOTE: Range of values omitted from display
14	0.2%	.08563095605961	.08563095605961
13	0.1%	.09135046130842	.09135046130842
1	0.0%	.09851434453976	.09851434453976
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc21y3</b>		Num 8	PE scope in History of science & technology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
701	8.0%	0	0
8	0.1%	.00013238716067	.00013238716067
7	0.1%	.00015380592116	.00015380592116
2	0.0%	.00030761184233	.00030761184233
2	0.0%	.00031085120757	.00031085120757
4726	53.8%	.00034905971551-.03601554037927	NOTE: Range of values omitted from display
1	0.0%	.0360608183045	.0360608183045
49	0.6%	.03921857788682	.03921857788682
3	0.0%	.04915461221859	.04915461221859
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc22y3</b>		Num 8	PE scope in Environments & resources ext, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
988	11.2%	0	0
3	0.0%	.00008366455774	.00008366455774
1	0.0%	.00012549683661	.00012549683661
1	0.0%	.00021614248171	.00021614248171
29	0.3%	.00025099367322	.00025099367322
4373	49.8%	.00043228496343-.36644987660001	NOTE: Range of values omitted from display
89	1.0%	.37259103714053	.37259103714053
1	0.0%	.37967493684042	.37967493684042
14	0.2%	.38413994315629	.38413994315629
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc23y3</b>		Num 8	PE scope in Nature of science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
729	8.3%	0	0
3	0.0%	.00030542900749	.00030542900749
4	0.0%	.00049022278976	.00049022278976

118	1.3%	.00061085801499	.00061085801499
6	0.1%	.00064088381718	.00064088381718
4601	52.4%	.00070614317773-.04881867256387	NOTE: Range of values omitted from display
16	0.2%	.05670836369714	.05670836369714
14	0.2%	.05811062813824	.05811062813824
8	0.1%	.07538061011187	.07538061011187
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc24y3</b>		Num 8	PE scope in Science & other disciplines, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
762	8.7%	0	0
2	0.0%	.00007836013451	.00007836013451
8	0.1%	.00015078673215	.00015078673215
11	0.1%	.00015672026903	.00015672026903
1	0.0%	.00029498035201	.00029498035201
4517	51.4%	.00031344053807-.19012983553393	NOTE: Range of values omitted from display
166	1.9%	.20044562525599	.20044562525599
3	0.0%	.21853864891988	.21853864891988
29	0.3%	.37271763685885	.37271763685885
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc25y3</b>		Num 8	PE scope in Understanding, year 3
Frequency	Percent	Value	Label
5284	60.2%	0	0
7	0.1%	.00005385240434	.00005385240434
17	0.2%	.0000765677172	.0000765677172
8	0.1%	.00010770480868	.00010770480868
8	0.1%	.00011813747707	.00011813747707
21	0.2%	.00015313543441	.00015313543441
39	0.4%	.00023627495414	.00023627495414

4	0.0%	.00041196688368	.00041196688368
1	0.0%	.00054928917825	.00054928917825
29	0.3%	.00082393376737	.00082393376737
1	0.0%	.00135522757399	.00135522757399
71	0.8%	.00164786753475	.00164786753475
4	0.0%	.00203284136098	.00203284136098
5	0.1%	.00406568272197	.00406568272197
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc26y3</b>		Num 8	PE scope in Analyzing & solving problems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4838	55.1%	0	0
1	0.0%	.0000674298695	.0000674298695
5	0.1%	.00008054093154	.00008054093154
3	0.0%	.00008990649266	.00008990649266
7	0.1%	.00011442978332	.00011442978332
546	6.2%	.000134859739-.0018111560269	NOTE: Range of values omitted from display
33	0.4%	.003467148473	.003467148473
1	0.0%	.00356047601538	.00356047601538
65	0.7%	.00712095203076	.00712095203076
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc27y3</b>		Num 8	PE scope in Using tools & procedures, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4603	52.4%	0	0
16	0.2%	.00008041088448	.00008041088448
4	0.0%	.00012740348877	.00012740348877
21	0.2%	.00016082176896	.00016082176896
10	0.1%	.00019110523316	.00019110523316
480	5.5%	.00034130103294-.00329901706764	NOTE: Range of values omitted from display

1	0.0%	.00356062683653	.00356062683653
3	0.0%	.00431997866122	.00431997866122
361	4.1%	.0053409402548	.0053409402548
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc28y3</b>		Num 8	PE scope in Investigating, year 3
Frequency	Percent	Value	Label
5431	61.8%	0	0
1	0.0%	.0001378475961	.0001378475961
8	0.1%	.00036061892911	.00036061892911
39	0.4%	.00072123785822	.00072123785822
3	0.0%	.0011470654837	.0011470654837
17	0.2%	.00229413096741	.00229413096741
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc29y3</b>		Num 8	PE scope in Communicating, year 3
Frequency	Percent	Value	Label
5433	61.9%	0	0
1	0.0%	.00137824878014	.00137824878014
65	0.7%	.00275649756029	.00275649756029
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd1y3</b>		Num 8	IGP*PE scope in Earth features, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2241	25.5%	0	0
1	0.0%	.00005927164793	.00005927164793
5	0.1%	.00010943736516	.00010943736516
20	0.2%	.00021887473032	.00021887473032
1	0.0%	.00034334124269	.00034334124269
3186	36.3%	.00040609109249-.22588604835653	NOTE: Range of values omitted from display

42	0.5%	.23588142176494	.23588142176494
1	0.0%	.27418982119812	.27418982119812
2	0.0%	.32714926728009	.32714926728009
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd2y3</b>		Num 8	IGP*PE scope in Earth process, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1286	14.6%	0	0
2	0.0%	.00001815769537	.00001815769537
3	0.0%	.00002723654305	.00002723654305
193	2.2%	.00005447308611	.00005447308611
4	0.0%	.00026236215669	.00026236215669
3982	45.3%	.00036880687656-.25834536380198	NOTE: Range of values omitted from display
1	0.0%	.2992264662557	.2992264662557
2	0.0%	.30739264501603	.30739264501603
26	0.3%	.46085442834885	.46085442834885
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd3y3</b>		Num 8	IGP*PE scope in Earth and the universe, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3108	35.4%	0	0
2	0.0%	.00006393008568	.00006393008568
4	0.0%	.00010435323149	.00010435323149
118	1.3%	.00012786017137	.00012786017137
29	0.3%	.00015380363771	.00015380363771
2209	25.2%	.00015863824954-.12353923069639	NOTE: Range of values omitted from display
2	0.0%	.129230520733	.129230520733
1	0.0%	.12955872141906	.12955872141906
26	0.3%	.14767639535957	.14767639535957
1868	21.3%	9991	Student did not take course in specified subject in given year

1416	16.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsd4y3</b>			
		Num 8	IGP*PE scope in Plants, animals, and their life cycles, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1476	16.8%	0	0
5	0.1%	.00005685134751	.00005685134751
1	0.0%	.00007524806366	.00007524806366
7	0.1%	.00008527702127	.00008527702127
63	0.7%	.00009894293277	.00009894293277
3881	44.2%	.00011287209549-.32694106209252	NOTE: Range of values omitted from display
33	0.4%	.33432213830356	.33432213830356
3	0.0%	.34943651852276	.34943651852276
30	0.3%	.35146145908605	.35146145908605
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd5y3</b>			
		Num 8	IGP*PE scope in Organs, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2991	34.1%	0	0
4	0.0%	.00008909265066	.00008909265066
1	0.0%	.00012026298522	.00012026298522
148	1.7%	.00017818530133	.00017818530133
6	0.1%	.00020521446536	.00020521446536
2268	25.8%	.00024052597045-.34302672421858	NOTE: Range of values omitted from display
3	0.0%	.38882178892137	.38882178892137
23	0.3%	.40620388491864	.40620388491864
55	0.6%	.46249281281211	.46249281281211
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd6y3</b>			
		Num 8	IGP*PE scope in Biochemistry/microbiology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1518	17.3%	0	0
2	0.0%	.00002258515308	.00002258515308
6	0.1%	.00003387772963	.00003387772963
1	0.0%	.00006775545926	.00006775545926
1	0.0%	.00030980227332	.00030980227332
3875	44.1%	.00039161274614-.22753306912314	NOTE: Range of values omitted from display
6	0.1%	.22818775112167	.22818775112167
30	0.3%	.25459972079941	.25459972079941
60	0.7%	.29222374856293	.29222374856293
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd7y3</b>			
		Num 8	IGP*PE scope in Biosystems, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2058	23.4%	0	0
2	0.0%	.0001390780927	.0001390780927
2	0.0%	.00016477887696	.00016477887696
5	0.1%	.00019883856371	.00019883856371
8	0.1%	.00020861713905	.00020861713905
3348	38.1%	.00027163713517-.24525791852196	NOTE: Range of values omitted from display
8	0.1%	.28560463628433	.28560463628433
60	0.7%	.2858521946154	.2858521946154
8	0.1%	.32812580411751	.32812580411751
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd8y3</b>			
		Num 8	IGP*PE scope in Evolution, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
3367	38.3%	0	0
6	0.1%	.00021618241217	.00021618241217
8	0.1%	.00022089239167	.00022089239167



5	0.1%	.0002750560708	.0002750560708
1	0.0%	.00038550226664	.00038550226664
2026	23.1%	.00043236482434-.12057387393263	NOTE: Range of values omitted from display
22	0.3%	.13141508061144	.13141508061144
34	0.4%	.13237168876254	.13237168876254
30	0.3%	.14515734344623	.14515734344623
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd9y3</b>		Num 8	IGP*PE scope in Environments & ecology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2454	27.9%	0	0
1	0.0%	.00003454549789	.00003454549789
76	0.9%	.00006909099578	.00006909099578
3	0.0%	.00011985634381	.00011985634381
1	0.0%	.00012318383433	.00012318383433
2956	33.7%	.00013818199156-.18810035010003	NOTE: Range of values omitted from display
1	0.0%	.2093274612549	.2093274612549
2	0.0%	.23909541344914	.23909541344914
5	0.1%	.32839927003184	.32839927003184
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd10y3</b>		Num 8	IGP*PE scope in Nutrition & disease, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2016	23.0%	0	0
2	0.0%	.00006577557999	.00006577557999
5	0.1%	.00019937908437	.00019937908437
1	0.0%	.0002606767277	.0002606767277
2	0.0%	.00034393197484	.00034393197484
3400	38.7%	.0003936725665-.21364575473208	NOTE: Range of values omitted from display
15	0.2%	.22585211256877	.22585211256877

1	0.0%	.29349506882093	.29349506882093
57	0.6%	.33355865105216	.33355865105216
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd11y3</b>		Num 8	IGP*PE scope in Matter, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
187	2.1%	0	0
6	0.1%	.00008770839852	.00008770839852
8	0.1%	.00017541679704	.00017541679704
1	0.0%	.00027969965528	.00027969965528
7	0.1%	.0004604889692	.0004604889692
5248	59.8%	.00055939931056-.15837018760614	NOTE: Range of values omitted from display
22	0.3%	.174766877092	.174766877092
16	0.2%	.17580382999087	.17580382999087
4	0.0%	.17819283745107	.17819283745107
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd12y3</b>		Num 8	IGP*PE scope in Chemical properties, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
405	4.6%	0	0
29	0.3%	.00007410222153	.00007410222153
3	0.0%	.00044624253677	.00044624253677
2	0.0%	.00045770598763	.00045770598763
6	0.1%	.00071692223157	.00071692223157
4881	55.6%	.00073056268104-.26729284809654	NOTE: Range of values omitted from display
118	1.3%	.2896845194634	.2896845194634
54	0.6%	.31937990855901	.31937990855901
1	0.0%	.34874441429532	.34874441429532
1868	21.3%	9991	Student did not take course in specified subject in given year

1416	16.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsd13y3</b>			
		Num 8	IGP*PE scope in Structure of matter & physical changes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
97	1.1%	0	0
2	0.0%	.00094846904159	.00094846904159
7	0.1%	.00112339067213	.00112339067213
5	0.1%	.00179892163802	.00179892163802
102	1.2%	.00204153268925	.00204153268925
5131	58.4%	.00214415701676-.45506792881051	NOTE: Range of values omitted from display
5	0.1%	.47683235081048	.47683235081048
32	0.4%	.56709818866393	.56709818866393
118	1.3%	.59403794024871	.59403794024871
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd14y3</b>			
		Num 8	IGP*PE scope in Forces, energy, & transformations energy, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
386	4.4%	0	0
16	0.2%	.00020995712884	.00020995712884
1	0.0%	.00044790062945	.00044790062945
2	0.0%	.00049752589947	.00049752589947
9	0.1%	.00054033640685	.00054033640685
5072	57.7%	.0005958001782-.39637721747212	NOTE: Range of values omitted from display
7	0.1%	.40633205290516	.40633205290516
2	0.0%	.4162868883382	.4162868883382
4	0.0%	.44242003767717	.44242003767717
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd15y3</b>			
		Num 8	IGP*PE scope in Light, sound, heat, electricity, & magnetism, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
207	2.4%	0	0
8	0.1%	.00026774142706	.00026774142706
34	0.4%	.00056268198319	.00056268198319
1	0.0%	.00063389782594	.00063389782594
6	0.1%	.00103550879713	.00103550879713
5202	59.2%	.00126779565188-.69592512047453	NOTE: Range of values omitted from display
33	0.4%	.7007283557212	.7007283557212
6	0.1%	.7036675740773199	.7036675740773199
2	0.0%	1.02868864717818	1.02868864717818
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd16y3</b>		Num 8	IGP*PE scope in Matter & transformations of matter, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
655	7.5%	0	0
10	0.1%	.00017165042016	.00017165042016
1	0.0%	.00039037059174	.00039037059174
2	0.0%	.00058555588761	.00058555588761
1	0.0%	.00059263518467	.00059263518467
4565	52.0%	.00067138109769-.14313828549198	NOTE: Range of values omitted from display
1	0.0%	.14514206995472	.14514206995472
63	0.7%	.1557571194805	.1557571194805
201	2.3%	.15976468840599	.15976468840599
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd17y3</b>		Num 8	IGP*PE scope in Nuclear physics, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2423	27.6%	0	0
12	0.1%	.00010240812834	.00010240812834
11	0.1%	.00014626566594	.00014626566594

1	0.0%	.00018178633703	.00018178633703
125	1.4%	.00020481625669	.00020481625669
2890	32.9%	.00029253133188-.10593372119057	NOTE: Range of values omitted from display
2	0.0%	.10750551252746	.10750551252746
33	0.4%	.12738547440197	.12738547440197
2	0.0%	.21501102505493	.21501102505493
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd18y3</b>		Num 8	IGP*PE scope in Chemical changes, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
511	5.8%	0	0
1	0.0%	.00055073217265	.00055073217265
5	0.1%	.0010884294278	.0010884294278
3	0.0%	.00175564152949	.00175564152949
11	0.1%	.00185922251911	.00185922251911
4944	56.3%	.0022030621798-.61753339166979	NOTE: Range of values omitted from display
18	0.2%	.64657630680662	.64657630680662
5	0.1%	.67826913481246	.67826913481246
1	0.0%	.7386786673083	.7386786673083
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd19y3</b>		Num 8	IGP*PE scope in Motion, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2217	25.2%	0	0
9	0.1%	.00012943720783	.00012943720783
3	0.0%	.0001928756872	.0001928756872
5	0.1%	.00023668619951	.00023668619951
21	0.2%	.00025887441566	.00025887441566
3202	36.5%	.0002687338915-.34805208684626	NOTE: Range of values omitted from display
33	0.4%	.39261078604087	.39261078604087

7	0.1%	.45247971560966	.45247971560966
2	0.0%	.51234864517845	.51234864517845
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd20y3</b>		Num 8	IGP*PE scope in Science, technology, & math, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
124	1.4%	0	0
2	0.0%	.00028015463748	.00028015463748
6	0.1%	.00037187087539	.00037187087539
89	1.0%	.00084473124677	.00084473124677
3	0.0%	.00096582858241	.00096582858241
5247	59.7%	.00129267233227-.07939224083329	NOTE: Range of values omitted from display
13	0.1%	.08190461512566	.08190461512566
14	0.2%	.09524485445422	.09524485445422
1	0.0%	.10319595884564	.10319595884564
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd21y3</b>		Num 8	IGP*PE scope in History of science & technology, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
778	8.9%	0	0
8	0.1%	.0001037552985	.0001037552985
7	0.1%	.0001044614266	.0001044614266
2	0.0%	.00020892285321	.00020892285321
2	0.0%	.00025546853435	.00025546853435
4337	49.4%	.00029179911163-.03537344014449	NOTE: Range of values omitted from display
1	0.0%	.03610587191851	.03610587191851
3	0.0%	.03838781830274	.03838781830274
361	4.1%	.03941314578153	.03941314578153
1868	21.3%	9991	Student did not take course in specified subject in given year

1416	16.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsd22y3</b>			
		Num 8	IGP*PE scope in Environments & resources, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1015	11.6%	0	0
3	0.0%	.00008678638557	.00008678638557
1	0.0%	.00013017957836	.00013017957836
29	0.3%	.00026035915673	.00026035915673
55	0.6%	.00040924661886	.00040924661886
4292	48.9%	.0004286237509-.35390478075377	NOTE: Range of values omitted from display
1	0.0%	.36950048931128	.36950048931128
89	1.0%	.38591505545438	.38591505545438
14	0.2%	.39429296182479	.39429296182479
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd23y3</b>			
		Num 8	IGP*PE scope in Nature of science, year 3 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
729	8.3%	0	0
3	0.0%	.0002628611604	.0002628611604
4	0.0%	.00039768509106	.00039768509106
118	1.3%	.00052572232081	.00052572232081
6	0.1%	.00056628309855	.00056628309855
4601	52.4%	.00062671181162-.04963014339847	NOTE: Range of values omitted from display
16	0.2%	.05986481493198	.05986481493198
14	0.2%	.06897828511505	.06897828511505
8	0.1%	.07150279161116	.07150279161116
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd24y3</b>			
		Num 8	IGP*PE scope in Science & other disciplines, year 3 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
762	8.7%	0	0
2	0.0%	.00006866794846	.00006866794846
8	0.1%	.00013294746723	.00013294746723
11	0.1%	.00013733589692	.00013733589692
3	0.0%	.00026009998238	.00026009998238
4515	51.4%	.00027467179384-.21148426639811	NOTE: Range of values omitted from display
166	1.9%	.21841521943724	.21841521943724
3	0.0%	.23781255909534	.23781255909534
29	0.3%	.41391097372809	.41391097372809
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd25y3</b>			
Frequency	Percent	Value	Label
5461	62.2%	0	0
17	0.2%	.00006877868751	.00006877868751
21	0.2%	.00013755737502	.00013755737502
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd26y3</b>			
Frequency	Percent	Value	Label
5452	62.1%	0	0
8	0.1%	.00015008204426	.00015008204426
39	0.4%	.00030016408853	.00030016408853
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd27y3</b>			
Frequency	Percent	Value	Label
4940	56.2%	0	0
16	0.2%	.00010834634944	.00010834634944
21	0.2%	.00021669269888	.00021669269888



2	0.0%	.00090596210402	.00090596210402
1	0.0%	.00120794947202	.00120794947202
156	1.8%	.00181192420804	.00181192420804
1	0.0%	.00192027055748	.00192027055748
1	0.0%	.00241589894405	.00241589894405
361	4.1%	.00362384841608	.00362384841608
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd28y3</b>		Num 8	IGP*PE scope in Investigating, year 3
Frequency	Percent	Value	Label
5452	62.1%	0	0
8	0.1%	.0000959220022	.0000959220022
39	0.4%	.0001918440044	.0001918440044
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd29y3</b>		Num 2	IGP*PE scope in Communicating, year 3
Frequency	Percent	Value	Label
5499	62.6%	0	0
1868	21.3%	9991	Student did not take course in specified subject in given year
1416	16.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa1y4</b>		Num 8	Unweighted scope in Earth features, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1567	17.8%	0	0
3	0.0%	.00019179313545	.00019179313545
8	0.1%	.00025545660291	.00025545660291
23	0.3%	.00035946378424	.00035946378424
52	0.6%	.0003835862709	.0003835862709
1476	16.8%	.00040994692477-.21233394938151	NOTE: Range of values omitted from display
32	0.4%	.22167709770918	.22167709770918
19	0.2%	.23413963860668	.23413963860668
18	0.2%	.24508533940272	.24508533940272

4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa2y4</b>		Num 8	Unweighted scope in Earth process, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1380	15.7%	0	0
2	0.0%	.00015316125259	.00015316125259
3	0.0%	.00029594951668	.00029594951668
44	0.5%	.00030632250518	.00030632250518
2	0.0%	.00030749020906	.00030749020906
1744	19.9%	.0003175199435-.22932875615326	NOTE: Range of values omitted from display
18	0.2%	.25310422623787	.25310422623787
1	0.0%	.28633319976703	.28633319976703
4	0.0%	.48917777408531	.48917777408531
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa3y4</b>		Num 8	Unweighted scope in Earth and the universe, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1814	20.7%	0	0
1	0.0%	.00004144308486	.00004144308486
13	0.1%	.00008288616973	.00008288616973
8	0.1%	.00012432925459	.00012432925459
2	0.0%	.00015247226345	.00015247226345
1306	14.9%	.00017105704051-.10707676945908	NOTE: Range of values omitted from display
32	0.4%	.11900750742946	.11900750742946
18	0.2%	.12810931071805	.12810931071805
4	0.0%	.14585746214369	.14585746214369
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa4y4</b>		Num 8	Unweighted scope in Plants, animals, and their life cycles, year 4
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1137	12.9%	0	0
22	0.3%	.00009397298062	.00009397298062
1	0.0%	.00013374175609	.00013374175609
1	0.0%	.00014024594721	.00014024594721
8	0.1%	.00018794596124	.00018794596124
1912	21.8%	.00022476177078-.47501010528111	NOTE: Range of values omitted from display
75	0.9%	.49163156355475	.49163156355475
24	0.3%	.50729944798723	.50729944798723
18	0.2%	.60240929210654	.60240929210654
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

etsa5y4			
Num 8			
Unweighted scope in Organs, year 4			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1519	17.3%	0	0
9	0.1%	.00025730183238	.00025730183238
2	0.0%	.00031104912352	.00031104912352
25	0.3%	.00033934414682	.00033934414682
14	0.2%	.00051460366477	.00051460366477
1511	17.2%	.00056798254966-.48506391139649	NOTE: Range of values omitted from display
1	0.0%	.52723405282578	.52723405282578
84	1.0%	.70836462769923	.70836462769923
33	0.4%	.716888012678	.716888012678
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

etsa6y4			
Num 8			
Unweighted scope in Biochemistry/microbiology, year 4			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1326	15.1%	0	0
1	0.0%	.00003757758995	.00003757758995

4	0.0%	.00005636638492	.00005636638492
5	0.1%	.00018026091405	.00018026091405
5	0.1%	.00020987267985	.00020987267985
1743	19.8%	.00031480901978-.24229834594139	NOTE: Range of values omitted from display
75	0.9%	.25629793512584	.25629793512584
18	0.2%	.26180169736846	.26180169736846
21	0.2%	.27654036033287	.27654036033287
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa7y4</b>		Num 8	Unweighted scope in Biosystems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.1%	0	0
1	0.0%	.00028194899518	.00028194899518
9	0.1%	.00038595274857	.00038595274857
2	0.0%	.00049365644749	.00049365644749
35	0.4%	.00056389799037	.00056389799037
1989	22.6%	.00058307916289-.29637836814108	NOTE: Range of values omitted from display
1	0.0%	.3097416602141	.3097416602141
9	0.1%	.35055117458794	.35055117458794
1	0.0%	.48520081079474	.48520081079474
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa8y4</b>		Num 8	Unweighted scope in Evolution, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1957	22.3%	0	0
2	0.0%	.00006475144421	.00006475144421
2	0.0%	.00008633525894	.00008633525894
26	0.3%	.00012950288842	.00012950288842
4	0.0%	.00020103497653	.00020103497653
1090	12.4%	.00024009142001-.10220534625118	NOTE: Range of values omitted from display

24	0.3%	.10504103741362	.10504103741362
75	0.9%	.11229669015745	.11229669015745
18	0.2%	.14187284509353	.14187284509353
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa9y4</b>		Num 8	Unweighted scope in Environments & ecology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1583	18.0%	0	0
3	0.0%	.00006911636359	.00006911636359
1	0.0%	.0000795576846	.0000795576846
3	0.0%	.00009741285032	.00009741285032
22	0.3%	.00013823272718	.00013823272718
1575	17.9%	.00014611927548-.21280890223199	NOTE: Range of values omitted from display
2	0.0%	.25671383166165	.25671383166165
1	0.0%	.26495906209167	.26495906209167
8	0.1%	.38842861995062	.38842861995062
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa10y4</b>		Num 8	Unweighted scope in Nutrition & disease, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1266	14.4%	0	0
2	0.0%	.00018209408433	.00018209408433
1	0.0%	.00026571327276	.00026571327276
9	0.1%	.00027292392315	.00027292392315
25	0.3%	.00030871227702	.00030871227702
1690	19.2%	.00032666301179-.29207767798502	NOTE: Range of values omitted from display
9	0.1%	.33204914566677	.33204914566677
1	0.0%	.39251197255033	.39251197255033
195	2.2%	.43927434061499	.43927434061499
4276	48.7%	9991	Student did not take course in specified subject in given year

1309	14.9%	9992	Student took course, but curriculum information not available for this course
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<b>etsa11y4</b>			
		Num 8	Unweighted scope in Matter, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
130	1.5%	0	0
4	0.0%	.00013225496659	.00013225496659
9	0.1%	.00026450993319	.00026450993319
2	0.0%	.0009143982969	.0009143982969
8	0.1%	.00138007017748	.00138007017748
3026	34.5%	.00160443338565-.20685776372337	NOTE: Range of values omitted from display
4	0.0%	.20829251126006	.20829251126006
5	0.1%	.23116836908277	.23116836908277
10	0.1%	.24202441213708	.24202441213708
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa12y4</b>			
		Num 8	Unweighted scope in Chemical properties, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
370	4.2%	0	0
59	0.7%	.00020390327026	.00020390327026
8	0.1%	.00024537389385	.00024537389385
5	0.1%	.00027289595378	.00027289595378
10	0.1%	.00061478459109	.00061478459109
2713	30.9%	.0007145158569-.22120415451752	NOTE: Range of values omitted from display
5	0.1%	.2326317829731	.2326317829731
10	0.1%	.24657246348127	.24657246348127
18	0.2%	.31428870322607	.31428870322607
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa13y4</b>			
		Num 8	Unweighted scope in Structure of matter & physical changes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
175	2.0%	0	0
8	0.1%	.00101611050544	.00101611050544
2	0.0%	.00219455591257	.00219455591257
31	0.4%	.00225141691702	.00225141691702
1	0.0%	.00228038301426	.00228038301426
2896	33.0%	.0023067210394-.38249135624919	NOTE: Range of values omitted from display
30	0.3%	.39428371086937	.39428371086937
20	0.2%	.4156090774236	.4156090774236
35	0.4%	.42686281879431	.42686281879431
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa14y4</b>		Num 8	Unweighted scope in Forces, energy, & transformations energy, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
373	4.2%	0	0
10	0.1%	.00023550216191	.00023550216191
17	0.2%	.00040678378935	.00040678378935
1	0.0%	.00042625333665	.00042625333665
15	0.2%	.00080487108217	.00080487108217
2535	28.9%	.00109727795628-.26993478142751	NOTE: Range of values omitted from display
131	1.5%	.27354718032473	.27354718032473
14	0.2%	.28070847338731	.28070847338731
102	1.2%	.2878697664499	.2878697664499
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa15y4</b>		Num 8	Unweighted scope in Light, sound, heat, electricity, & magnetism, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
337	3.8%	0	0
10	0.1%	.00045965460852	.00045965460852

9	0.1%	.00052901986639	.00052901986639
1	0.0%	.00092065647529	.00092065647529
15	0.2%	.00106800201287	.00106800201287
2683	30.5%	.00113784765219-.49613835621907	NOTE: Range of values omitted from display
131	1.5%	.53907023377117	.53907023377117
2	0.0%	.5712225181084301	.5712225181084301
10	0.1%	.6378068543577	.6378068543577
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa16y4</b>		Num 8	Unweighted scope in Matter & transformations of matter, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
334	3.8%	0	0
1	0.0%	.00031330315621	.00031330315621
8	0.1%	.00031852275375	.00031852275375
3	0.0%	.00062660631242	.00062660631242
1	0.0%	.00063704550751	.00063704550751
2795	31.8%	.00067872476858-.12620115124665	NOTE: Range of values omitted from display
5	0.1%	.12844225136393	.12844225136393
2	0.0%	.13038929119006	.13038929119006
49	0.6%	.16566557539356	.16566557539356
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa17y4</b>		Num 8	Unweighted scope in Nuclear physics, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1277	14.5%	0	0
1	0.0%	.00014353181659	.00014353181659
4	0.0%	.00018257231163	.00018257231163
1	0.0%	.00019155763627	.00019155763627
7	0.1%	.00021529772489	.00021529772489
1694	19.3%	.00026271936078-.06849089186813	NOTE: Range of values omitted from display



73	0.8%	.07213702695478	.07213702695478
131	1.5%	.07699666552797	.07699666552797
10	0.1%	.1020346820594	.1020346820594
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa18y4</b>		Num 8	Unweighted scope in Chemical changes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
241	2.7%	0	0
8	0.1%	.00124555481312	.00124555481312
4	0.0%	.00150501544564	.00150501544564
1	0.0%	.00213847132508	.00213847132508
4	0.0%	.00229611625525	.00229611625525
2891	32.9%	.00286884872055-.45023771196053	NOTE: Range of values omitted from display
2	0.0%	.46328552289975	.46328552289975
3	0.0%	.47814685129367	.47814685129367
44	0.5%	.61418668139692	.61418668139692
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa19y4</b>		Num 8	Unweighted scope in Motion, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.1%	0	0
4	0.0%	.00007579409064	.00007579409064
10	0.1%	.00015158818128	.00015158818128
5	0.1%	.00023282982143	.00023282982143
6	0.1%	.00024678674155	.00024678674155
1861	21.2%	.0002509953085-.19311231958506	NOTE: Range of values omitted from display
131	1.5%	.24737958495085	.24737958495085
22	0.3%	.28128697003801	.28128697003801
8	0.1%	.31519435512517	.31519435512517
4276	48.7%	9991	Student did not take course in specified subject in given year

1309	14.9%	9992	Student took course, but curriculum information not available for this course
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<b>etsa20y4</b>		Num 8	Unweighted scope in Science, technology, & math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
122	1.4%	0	0
2	0.0%	.00030406830395	.00030406830395
9	0.1%	.00071979530447	.00071979530447
6	0.1%	.00080153332223	.00080153332223
2	0.0%	.0010228075634	.0010228075634
3024	34.4%	.00128923369473-.08015550422977	NOTE: Range of values omitted from display
8	0.1%	.08467620529377	.08467620529377
4	0.0%	.09224104428802	.09224104428802
21	0.2%	.09784330162693	.09784330162693
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa21y4</b>		Num 8	Unweighted scope in History of science & technology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
716	8.2%	0	0
1	0.0%	.00005755683929	.00005755683929
23	0.3%	.00008633525894	.00008633525894
13	0.1%	.00012385782586	.00012385782586
1	0.0%	.00013251420047	.00013251420047
2413	27.5%	.00017267051789-.04206083425507	NOTE: Range of values omitted from display
2	0.0%	.0426480759143	.0426480759143
21	0.2%	.0612988095343	.0612988095343
8	0.1%	.07201057151194	.07201057151194
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa22y4</b>		Num 8	Unweighted scope in Environments & resources, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
1017	11.6%	0	0
5	0.1%	.00003980093863	.00003980093863
1	0.0%	.00005970140795	.00005970140795
59	0.7%	.00011940281591	.00011940281591
1	0.0%	.00018534015282	.00018534015282
2022	23.0%	.00025667274782-.28690021505281	NOTE: Range of values omitted from display
1	0.0%	.29689369049014	.29689369049014
84	1.0%	.29721450819041	.29721450819041
8	0.1%	.3752776666933	.3752776666933
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa23y4</b>		Num 8	Unweighted scope in Nature of science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
792	9.0%	0	0
1	0.0%	.00024865059205	.00024865059205
12	0.1%	.00037297588808	.00037297588808
10	0.1%	.00060762643384	.00060762643384
75	0.9%	.00074595177617	.00074595177617
2240	25.5%	.00085462378353-.05676358422634	NOTE: Range of values omitted from display
2	0.0%	.06715163994382	.06715163994382
49	0.6%	.07497321950295	.07497321950295
17	0.2%	.07838372423938	.07838372423938
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa24y4</b>		Num 8	Unweighted scope in Science & other disciplines, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
626	7.1%	0	0
10	0.1%	.00004702398812	.00004702398812
9	0.1%	.00009404797624	.00009404797624

1	0.0%	.00017157372776	.00017157372776
3	0.0%	.00024878848209	.00024878848209
2387	27.2%	.00028803176055-.13898397627519	NOTE: Range of values omitted from display
1	0.0%	.14889129453305	.14889129453305
102	1.2%	.1699219837282	.1699219837282
59	0.7%	.20880944512879	.20880944512879
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa25y4</b>		Num 8	Unweighted scope in Understanding, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2916	33.2%	0	0
1	0.0%	.00005038284441	.00005038284441
2	0.0%	.00006717712589	.00006717712589
2	0.0%	.00007860899299	.00007860899299
1	0.0%	.00007946094541	.00007946094541
246	2.8%	.00008771684064-.00102266605709	NOTE: Range of values omitted from display
7	0.1%	.00104813044083	.00104813044083
15	0.2%	.0011190480416	.0011190480416
8	0.1%	.00204533211418	.00204533211418
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa26y4</b>		Num 8	Unweighted scope in Analyzing & solving problems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2852	32.5%	0	0
1	0.0%	.00001746388198	.00001746388198
3	0.0%	.00003492776397	.00003492776397
12	0.1%	.00006985552795	.00006985552795
7	0.1%	.00007329350076	.00007329350076
188	2.1%	.00010994025114-.00261989953802	NOTE: Range of values omitted from display
1	0.0%	.00406129108809	.00406129108809

131	1.5%	.00501991857377	.00501991857377
3	0.0%	.00812258217619	.00812258217619
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa27y4</b>		Num 8	Unweighted scope in Using tools & procedures, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2909	33.1%	0	0
2	0.0%	.00002751820604	.00002751820604
8	0.1%	.00005503641208	.00005503641208
8	0.1%	.00011007282416	.00011007282416
1	0.0%	.00013623892015	.00013623892015
188	2.1%	.00020435838023-.00448132893327	NOTE: Range of values omitted from display
7	0.1%	.00531674891608	.00531674891608
5	0.1%	.00633464498734	.00633464498734
70	0.8%	.00640967837654	.00640967837654
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa28y4</b>		Num 8	Unweighted scope in Investigating, year 4
Frequency	Percent	Value	Label
3190	36.3%	0	0
2	0.0%	.00057678774993	.00057678774993
5	0.1%	.00115357549987	.00115357549987
1	0.0%	.00329500002376	.00329500002376
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa29y4</b>		Num 8	Unweighted scope in Communicating, year 4
Frequency	Percent	Value	Label
3189	36.3%	0	0
1	0.0%	.00036379358077	.00036379358077
4	0.0%	.00072758716154	.00072758716154

1	0.0%	.00157211267926	.00157211267926
3	0.0%	.00314422535852	.00314422535852
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb1y4</b>		Num 8	IGP scope in Earth features, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1567	17.8%	0	0
3	0.0%	.00017535428237	.00017535428237
8	0.1%	.00028446694736	.00028446694736
3	0.0%	.00033168150203	.00033168150203
52	0.6%	.00035070856475	.00035070856475
1496	17.0%	.0004020052349-.19651213092989	NOTE: Range of values omitted from display
32	0.4%	.20295644276268	.20295644276268
19	0.2%	.22182186302992	.22182186302992
18	0.2%	.2276965832109	.2276965832109
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb2y4</b>		Num 8	IGP scope in Earth process, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1380	15.7%	0	0
2	0.0%	.00007097348923	.00007097348923
44	0.5%	.00014194697847	.00014194697847
3	0.0%	.00021636622329	.00021636622329
4	0.0%	.00028929659746	.00028929659746
1742	19.8%	.000313933861-.20639077011472	NOTE: Range of values omitted from display
18	0.2%	.22313414309193	.22313414309193
1	0.0%	.25054005567655	.25054005567655
4	0.0%	.42445088030039	.42445088030039
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb3y4</b>		Num 8	IGP scope in Earth and the universe, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1814	20.7%	0	0
1	0.0%	.00003465630123	.00003465630123
13	0.1%	.00006931260246	.00006931260246
8	0.1%	.00010396890369	.00010396890369
3	0.0%	.00014978595208	.00014978595208
1336	15.2%	.0001981123071-.1034396246073	NOTE: Range of values omitted from display
1	0.0%	.10414585185926	.10414585185926
18	0.2%	.12010825962959	.12010825962959
4	0.0%	.13829630008678	.13829630008678
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb4y4</b>		Num 8	IGP scope in Plants, animals, and their life cycles, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1137	12.9%	0	0
22	0.3%	.00005215778997	.00005215778997
8	0.1%	.00010431557995	.00010431557995
1	0.0%	.00013150110359	.00013150110359
1	0.0%	.00014978501818	.00014978501818
1912	21.8%	.00016692334323-.36030628681826	NOTE: Range of values omitted from display
75	0.9%	.36104068675502	.36104068675502
24	0.3%	.38381522794502	.38381522794502
18	0.2%	.43089861709854	.43089861709854
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb5y4</b>		Num 8	IGP scope in Organs, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1519	17.3%	0	0

9	0.1%	.00021518676374	.00021518676374
2	0.0%	.00022751094072	.00022751094072
25	0.3%	.0003309634725	.0003309634725
14	0.2%	.00043037352748	.00043037352748
1511	17.2%	.00045502188145-.38942442357041	NOTE: Range of values omitted from display
1	0.0%	.41496359432761	.41496359432761
33	0.4%	.56739238208648	.56739238208648
84	1.0%	.57079753215614	.57079753215614
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb6y4</b>		Num 8	IGP scope in Biochemistry/microbiology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1345	15.3%	0	0
1	0.0%	.00003357889269	.00003357889269
4	0.0%	.00005036833904	.00005036833904
5	0.1%	.00023952121054	.00023952121054
5	0.1%	.00024204186601	.00024204186601
1742	19.8%	.00035928181581-.28629093986464	NOTE: Range of values omitted from display
3	0.0%	.30073839036907	.30073839036907
75	0.9%	.32136233445535	.32136233445535
18	0.2%	.33375339741459	.33375339741459
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb7y4</b>		Num 8	IGP scope in Biosystems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.1%	0	0
1	0.0%	.00024304841593	.00024304841593
9	0.1%	.00034071237592	.00034071237592
35	0.4%	.00048609683187	.00048609683187
2	0.0%	.00051685271437	.00051685271437



1973	22.5%	.00055531072121-.30962297372267	NOTE: Range of values omitted from display
9	0.1%	.35291487278602	.35291487278602
17	0.2%	.3601390172396	.3601390172396
1	0.0%	.48504376757107	.48504376757107
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb8y4</b>		Num 8	IGP scope in Evolution, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1957	22.3%	0	0
2	0.0%	.00005790167554	.00005790167554
2	0.0%	.00007720223405	.00007720223405
26	0.3%	.00011580335108	.00011580335108
4	0.0%	.0002251505326	.0002251505326
1090	12.4%	.00023160670217-.12068231220982	NOTE: Range of values omitted from display
24	0.3%	.1268359030869	.1268359030869
75	0.9%	.13540159179591	.13540159179591
18	0.2%	.1748466149015	.1748466149015
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb9y4</b>		Num 8	IGP scope in Environments & ecology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1617	18.4%	0	0
1	0.0%	.00005692405086	.00005692405086
3	0.0%	.00007694788397	.00007694788397
3	0.0%	.00007877694829	.00007877694829
15	0.2%	.00011542182596	.00011542182596
1548	17.6%	.00015755389659-.19068975540774	NOTE: Range of values omitted from display
2	0.0%	.22924210693278	.22924210693278
1	0.0%	.23384287666786	.23384287666786
8	0.1%	.34489916150791	.34489916150791

4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb10y4</b>		Num 8	IGP scope in Nutrition & disease, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1266	14.4%	0	0
2	0.0%	.00015458617321	.00015458617321
1	0.0%	.00021821129176	.00021821129176
9	0.1%	.00022436296473	.00022436296473
4	0.0%	.0003045245813	.0003045245813
1711	19.5%	.00037451904968-.24046500755784	NOTE: Range of values omitted from display
9	0.1%	.29103135335456	.29103135335456
1	0.0%	.30132446608039	.30132446608039
195	2.2%	.39541823756719	.39541823756719
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb11y4</b>		Num 8	IGP scope in Matter, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
130	1.5%	0	0
4	0.0%	.00015970001564	.00015970001564
9	0.1%	.00031940003129	.00031940003129
2	0.0%	.00076465501848	.00076465501848
8	0.1%	.00114139242007	.00114139242007
3028	34.5%	.00133535122852-.19699953327858	NOTE: Range of values omitted from display
2	0.0%	.2089277377895	.2089277377895
5	0.1%	.21093023550144	.21093023550144
10	0.1%	.22290475091261	.22290475091261
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb12y4</b>		Num 8	IGP scope in Chemical properties, year 4
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
370	4.2%	0	0
59	0.7%	.0002330361102	.0002330361102
8	0.1%	.00027994566905	.00027994566905
5	0.1%	.00031444719705	.00031444719705
10	0.1%	.00071030548096	.00071030548096
2713	30.9%	.00090488380615-.2502968997537	NOTE: Range of values omitted from display
5	0.1%	.25561568116173	.25561568116173
10	0.1%	.27976029725648	.27976029725648
18	0.2%	.35775459375342	.35775459375342
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

etsb13y4			
Num 8			
IGP scope in Structure of matter & physical changes, year 4			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
175	2.0%	0	0
8	0.1%	.0008921587768	.0008921587768
31	0.4%	.00242633451668	.00242633451668
2	0.0%	.0026115909862	.0026115909862
2	0.0%	.00278102613309	.00278102613309
2895	33.0%	.0028060431887-.42317252937916	NOTE: Range of values omitted from display
30	0.3%	.43219974667965	.43219974667965
20	0.2%	.46667999926908	.46667999926908
35	0.4%	.475891392687	.475891392687
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

etsb14y4			
Num 8			
IGP scope in Forces, energy, & transformations energy, year 4			
NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
374	4.3%	0	0
10	0.1%	.00027944668551	.00027944668551

1	0.0%	.00044764780547	.00044764780547
17	0.2%	.00046363025444	.00046363025444
15	0.2%	.00088979472368	.00088979472368
2534	28.9%	.00112264224343-.28889554453253	NOTE: Range of values omitted from display
131	1.5%	.29046169157355	.29046169157355
14	0.2%	.2998099672291	.2998099672291
102	1.2%	.30915824288464	.30915824288464
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb15y4</b>		Num 8	IGP scope in Light, sound, heat, electricity, & magnetism, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
337	3.8%	0	0
10	0.1%	.00043874763668	.00043874763668
9	0.1%	.00048750531093	.00048750531093
1	0.0%	.00073622768158	.00073622768158
9	0.1%	.00104803584237	.00104803584237
2689	30.6%	.0011178453236-.50953463820386	NOTE: Range of values omitted from display
131	1.5%	.56140896035601	.56140896035601
2	0.0%	.59761071247568	.59761071247568
10	0.1%	.68689847482711	.68689847482711
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb16y4</b>		Num 8	IGP scope in Matter & transformations of matter, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
334	3.8%	0	0
1	0.0%	.00036481079497	.00036481079497
8	0.1%	.00040750158315	.00040750158315
3	0.0%	.00072962158994	.00072962158994
5	0.1%	.00078091917335	.00078091917335
2791	31.8%	.00081500316631-.14362123213769	NOTE: Range of values omitted from display

5	0.1%	.14812473144247	.14812473144247
2	0.0%	.14837588352886	.14837588352886
49	0.6%	.1917230557197	.1917230557197
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb17y4</b>		Num 8	IGP scope in Nuclear physics, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1371	15.6%	0	0
1	0.0%	.0002097488099	.0002097488099
4	0.0%	.00026151393458	.00026151393458
1	0.0%	.00027027418773	.00027027418773
2	0.0%	.00029582725537	.00029582725537
1605	18.3%	.00031462321485-.09389998433538	NOTE: Range of values omitted from display
131	1.5%	.09413668122883	.09413668122883
73	0.8%	.10663930719387	.10663930719387
10	0.1%	.14664403803955	.14664403803955
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb18y4</b>		Num 8	IGP scope in Chemical changes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
241	2.7%	0	0
8	0.1%	.00161938993853	.00161938993853
4	0.0%	.00199378659589	.00199378659589
4	0.0%	.00261162755527	.00261162755527
3	0.0%	.00280211887661	.00280211887661
2889	32.9%	.00297946813507-.55693211645348	NOTE: Range of values omitted from display
2	0.0%	.56218476994737	.56218476994737
3	0.0%	.57768429057755	.57768429057755
44	0.5%	.75019613099076	.75019613099076
4276	48.7%	9991	Student did not take course in specified subject in given year

1309	14.9%	9992	Student took course, but curriculum information not available for this course
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<b>etsb19y4</b>			
		Num 8	IGP scope in Motion, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.1%	0	0
4	0.0%	.00008879421445	.00008879421445
10	0.1%	.00017758842891	.00017758842891
4	0.0%	.00022531887832	.00022531887832
5	0.1%	.000264102306	.000264102306
1863	21.2%	.00029186345863-.2085123497109	NOTE: Range of values omitted from display
131	1.5%	.25178835740448	.25178835740448
22	0.3%	.30123775142358	.30123775142358
8	0.1%	.35068714544267	.35068714544267
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb20y4</b>			
		Num 8	IGP scope in Science, technology, & math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
122	1.4%	0	0
2	0.0%	.00030707567829	.00030707567829
6	0.1%	.00073250414833	.00073250414833
9	0.1%	.00100873786552	.00100873786552
2	0.0%	.00122519050673	.00122519050673
3025	34.4%	.00126349868447-.08186946887471	NOTE: Range of values omitted from display
4	0.0%	.08476216452183	.08476216452183
21	0.2%	.09312064497036	.09312064497036
7	0.1%	.09748754960905	.09748754960905
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb21y4</b>			
		Num 8	IGP scope in History of science & technology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
721	8.2%	0	0
1	0.0%	.00004259433603	.00004259433603
23	0.3%	.00006389150404	.00006389150404
13	0.1%	.00009445915712	.00009445915712
1	0.0%	.00010146233923	.00010146233923
2285	26.0%	.00012778300809-.04078803568747	NOTE: Range of values omitted from display
125	1.4%	.046271069134	.046271069134
8	0.1%	.04686938931577	.04686938931577
21	0.2%	.04719173228288	.04719173228288
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb22y4</b>			
		Num 8	IGP scope in Environments & resources ext, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1036	11.8%	0	0
5	0.1%	.00004548752901	.00004548752901
1	0.0%	.00006823129352	.00006823129352
59	0.7%	.00013646258705	.00013646258705
1	0.0%	.00023324513113	.00023324513113
2003	22.8%	.00039931706201-.28450782726857	NOTE: Range of values omitted from display
1	0.0%	.29428972825971	.29428972825971
84	1.0%	.31444052012594	.31444052012594
8	0.1%	.3580639664009	.3580639664009
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb23y4</b>			
		Num 8	IGP scope in Nature of science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
792	9.0%	0	0
1	0.0%	.00022429456567	.00022429456567
12	0.1%	.00033644184851	.00033644184851

10	0.1%	.00059856004658	.00059856004658
75	0.9%	.00067288369703	.00067288369703
2240	25.5%	.00084059871619-.05397314186416	NOTE: Range of values omitted from display
49	0.6%	.07089792214093	.07089792214093
2	0.0%	.07114418586658	.07114418586658
17	0.2%	.0784788784594	.0784788784594
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb24y4</b>		Num 8	IGP scope in Science & other disciplines, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
626	7.1%	0	0
10	0.1%	.00004034526711	.00004034526711
9	0.1%	.00008069053422	.00008069053422
1	0.0%	.00014817982352	.00014817982352
3	0.0%	.00020885626177	.00020885626177
2387	27.2%	.0002259244533-.14962092610093	NOTE: Range of values omitted from display
1	0.0%	.15135007074602	.15135007074602
102	1.2%	.16641000182866	.16641000182866
59	0.7%	.25531233617779	.25531233617779
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb25y4</b>		Num 8	IGP scope in Understanding, year 4
Frequency	Percent	Value	Label
3180	36.2%	0	0
2	0.0%	.00007016765225	.00007016765225
8	0.1%	.00014033530451	.00014033530451
8	0.1%	.00028067060902	.00028067060902
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb26y4</b>		Num 8	IGP scope in Analyzing & solving problems, year 4
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Frequency	Percent	Value	Label
3191	36.3%	0	0
2	0.0%	.00004852662297	.00004852662297
5	0.1%	.00009705324594	.00009705324594
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb27y4</b>			
		Num 8	IGP scope in Using tools & procedures, year 4
Frequency	Percent	Value	Label
3067	34.9%	0	0
2	0.0%	.00003684479037	.00003684479037
8	0.1%	.00007368958074	.00007368958074
8	0.1%	.00014737916149	.00014737916149
1	0.0%	.00056435357357	.00056435357357
1	0.0%	.00112870714714	.00112870714714
3	0.0%	.00150494286286	.00150494286286
38	0.4%	.00225741429429	.00225741429429
70	0.8%	.00451482858859	.00451482858859
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb28y4</b>			
		Num 8	IGP scope in Investigating, year 4
Frequency	Percent	Value	Label
3191	36.3%	0	0
2	0.0%	.00021710389146	.00021710389146
5	0.1%	.00043420778292	.00043420778292
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsb29y4</b>			
		Num 2	IGP scope in Communicating, year 4
Frequency	Percent	Value	Label
3198	36.4%	0	0
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc1y4</b>		Num 8	PE scope in Earth features, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1567	17.8%	0	0
8	0.1%	.00010746798023	.00010746798023
44	0.5%	.00021493596046	.00021493596046
3	0.0%	.00040960637769	.00040960637769
1	0.0%	.00051929874521	.00051929874521
1506	17.1%	.00061632901837-.21593348351206	NOTE: Range of values omitted from display
32	0.4%	.22072512016381	.22072512016381
19	0.2%	.2331341415087	.2331341415087
18	0.2%	.25382683958786	.25382683958786
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc2y4</b>		Num 8	PE scope in Earth process, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1380	15.7%	0	0
2	0.0%	.00006490924101	.00006490924101
44	0.5%	.00012981848203	.00012981848203
4	0.0%	.00034811203364	.00034811203364
2	0.0%	.00039401811878	.00039401811878
1743	19.8%	.00042647273928-.22765773094414	NOTE: Range of values omitted from display
18	0.2%	.25880280306291	.25880280306291
1	0.0%	.28781013080932	.28781013080932
4	0.0%	.51595661086815	.51595661086815
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc3y4</b>		Num 8	PE scope in Earth and the universe, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1814	20.7%	0	0

1	0.0%	.000097111149819	.000097111149819
1	0.0%	.00012486086876	.00012486086876
12	0.1%	.00014013443773	.00014013443773
11	0.1%	.00014566724729	.00014566724729
1335	15.2%	.00017816971211-.11849643760775	NOTE: Range of values omitted from display
2	0.0%	.12717718005283	.12717718005283
18	0.2%	.1320632546052	.1320632546052
4	0.0%	.15162911033539	.15162911033539
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc4y4</b>		Num 8	PE scope in Plants, animals, and their life cycles, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1137	12.9%	0	0
12	0.1%	.00013099865004	.00013099865004
1	0.0%	.0001311506502	.0001311506502
1	0.0%	.00014065812296	.00014065812296
22	0.3%	.00016741249202	.00016741249202
1981	22.6%	.00019738991072-.41977282596826	NOTE: Range of values omitted from display
24	0.3%	.44110607277793	.44110607277793
2	0.0%	.45580335141307	.45580335141307
18	0.2%	.48995336334501	.48995336334501
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc5y4</b>		Num 8	PE scope in Organs, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1519	17.3%	0	0
2	0.0%	.00013285950455	.00013285950455
57	0.6%	.00026571900911	.00026571900911
2	0.0%	.00029998816974	.00029998816974
9	0.1%	.00031073604955	.00031073604955

1483	16.9%	.00053143801823-.43953225497998	NOTE: Range of values omitted from display
9	0.1%	.4406327004847	.4406327004847
33	0.4%	.48723270909761	.48723270909761
84	1.0%	.54549243955978	.54549243955978
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc6y4</b>		Num 8	PE scope in Biochemistry/microbiology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1326	15.1%	0	0
1	0.0%	.0000229558328	.0000229558328
4	0.0%	.0000344337492	.0000344337492
2	0.0%	.00026714701525	.00026714701525
5	0.1%	.00035850976866	.00035850976866
1741	19.8%	.00037388734622-.19946016949185	NOTE: Range of values omitted from display
1	0.0%	.20712779713155	.20712779713155
21	0.2%	.20776498316308	.20776498316308
97	1.1%	.24518015335556	.24518015335556
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc7y4</b>		Num 8	PE scope in Biosystems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.1%	0	0
10	0.1%	.00020683255884	.00020683255884
2	0.0%	.00020767621872	.00020767621872
1	0.0%	.00026366390457	.00026366390457
44	0.5%	.00041535243744	.00041535243744
1963	22.3%	.00049239996612-.25939130799658	NOTE: Range of values omitted from display
9	0.1%	.27617645997111	.27617645997111
17	0.2%	.28463630148249	.28463630148249
1	0.0%	.31487007392962	.31487007392962

4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc8y4</b>		Num 8	PE scope in Evolution, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1957	22.3%	0	0
2	0.0%	.00013458018102	.00013458018102
2	0.0%	.00017944024136	.00017944024136
2	0.0%	.00020275292722	.00020275292722
1	0.0%	.00026447352888	.00026447352888
1187	13.5%	.00026916036204-.09947840650994	NOTE: Range of values omitted from display
10	0.1%	.10444216472616	.10444216472616
19	0.2%	.10573081563551	.10573081563551
18	0.2%	.1172752100476	.1172752100476
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc9y4</b>		Num 8	PE scope in Environments & ecology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1583	18.0%	0	0
3	0.0%	.00003299869823	.00003299869823
22	0.3%	.00006599739647	.00006599739647
1	0.0%	.00009172717203	.00009172717203
18	0.2%	.00013199479294	.00013199479294
1560	17.8%	.00016840276938-.23375374225627	NOTE: Range of values omitted from display
1	0.0%	.23511764221417	.23511764221417
2	0.0%	.26629883474868	.26629883474868
8	0.1%	.36393411222593	.36393411222593
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc10y4</b>		Num 8	PE scope in Nutrition & disease, year 4
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NOTE: Smallest 5 and largest 5 values are displayed.			
Frequency	Percent	Value	Label
1266	14.4%	0	0
2	0.0%	.00008294610812	.00008294610812
1	0.0%	.00019769679329	.00019769679329
3	0.0%	.00026633459566	.00026633459566
9	0.1%	.00052445257749	.00052445257749
1687	19.2%	.00054319437514-.23443231653105	NOTE: Range of values omitted from display
34	0.4%	.23706512666278	.23706512666278
1	0.0%	.25471984189958	.25471984189958
195	2.2%	.35172683834709	.35172683834709
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

etsc11y4			
		Num 8	PE scope in Matter, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
130	1.5%	0	0
4	0.0%	.00007068128069	.00007068128069
9	0.1%	.00014136256139	.00014136256139
2	0.0%	.0005509848802	.0005509848802
8	0.1%	.000672116631	.000672116631
3029	34.5%	.0008870431957-.16688214071042	NOTE: Range of values omitted from display
2	0.0%	.1746876965122	.1746876965122
10	0.1%	.18816486436206	.18816486436206
4	0.0%	.18981375960679	.18981375960679
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

etsc12y4			
		Num 8	PE scope in Chemical properties, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
370	4.2%	0	0
59	0.7%	.00007143666084	.00007143666084

5	0.1%	.00043138122045	.00043138122045
8	0.1%	.00043713261806	.00043713261806
1	0.0%	.00066269309101	.00066269309101
2692	30.7%	.00067979462037-.2177119373042	NOTE: Range of values omitted from display
10	0.1%	.25678417489971	.25678417489971
35	0.4%	.27983545875555	.27983545875555
18	0.2%	.30554764545382	.30554764545382
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc13y4</b>		Num 8	PE scope in Structure of matter & physical changes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
175	2.0%	0	0
10	0.1%	.00091703025038	.00091703025038
2	0.0%	.00094454550891	.00094454550891
31	0.4%	.00176718157602	.00176718157602
1	0.0%	.00179765893648	.00179765893648
2921	33.3%	.00182813629693-.45345892414173	NOTE: Range of values omitted from display
3	0.0%	.46750658820213	.46750658820213
20	0.2%	.55553124862023	.55553124862023
35	0.4%	.5812013074657	.5812013074657
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc14y4</b>		Num 8	PE scope in Forces, energy, & transformations energy, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
373	4.2%	0	0
17	0.2%	.00017558551501	.00017558551501
10	0.1%	.00046837566551	.00046837566551
1	0.0%	.00052039947844	.00052039947844
19	0.2%	.00063202849492	.00063202849492
2678	30.5%	.00078696204256-.40304728172883	NOTE: Range of values omitted from display

22	0.3%	.40424705852525	.40424705852525
8	0.1%	.40544683532168	.40544683532168
70	0.8%	.43132824273098	.43132824273098
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc15y4</b>		Num 8	PE scope in Light, sound, heat, electricity, & magnetism, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
337	3.8%	0	0
9	0.1%	.00028272512279	.00028272512279
10	0.1%	.00059450231058	.00059450231058
15	0.2%	.00104423809494	.00104423809494
3	0.0%	.00112781093779	.00112781093779
2804	31.9%	.00142983128987-.7335593727388	NOTE: Range of values omitted from display
2	0.0%	.73866623442296	.73866623442296
8	0.1%	.74421836634421	.74421836634421
10	0.1%	1.06802571611078	1.06802571611078
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc16y4</b>		Num 8	PE scope in Matter & transformations of matter, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
334	3.8%	0	0
8	0.1%	.00013882451593	.00013882451593
1	0.0%	.00027764903187	.00027764903187
1	0.0%	.00045417813156	.00045417813156
1	0.0%	.00057168134574	.00057168134574
2786	31.7%	.00064416525565-.13045765713442	NOTE: Range of values omitted from display
4	0.0%	.13830540250036	.13830540250036
14	0.2%	.14972493320032	.14972493320032
49	0.6%	.14973140078707	.14973140078707
4276	48.7%	9991	Student did not take course in specified subject in given year



1309	14.9%	9992	Student took course, but curriculum information not available for this course
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<b>etsc17y4</b>			
		Num 8	PE scope in Nuclear physics, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1277	14.5%	0	0
1	0.0%	.00007109718283	.00007109718283
4	0.0%	.00007798275267	.00007798275267
7	0.1%	.00010664577425	.00010664577425
1	0.0%	.00011702094457	.00011702094457
1766	20.1%	.00012567646939-.0832659883277	NOTE: Range of values omitted from display
1	0.0%	.08533599514213	.08533599514213
131	1.5%	.11804675488206	.11804675488206
10	0.1%	.16653197665541	.16653197665541
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc18y4</b>			
		Num 8	PE scope in Chemical changes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
241	2.7%	0	0
8	0.1%	.00082529884313	.00082529884313
4	0.0%	.00118677942103	.00118677942103
1	0.0%	.00134605558346	.00134605558346
4	0.0%	.00183849962601	.00183849962601
2900	33.0%	.00205772149659-.5430190223967299	NOTE: Range of values omitted from display
35	0.4%	.57081985879784	.57081985879784
2	0.0%	.57985081452582	.57985081452582
3	0.0%	.61591799945654	.61591799945654
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc19y4</b>			
		Num 8	PE scope in Motion, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1151	13.1%	0	0
5	0.1%	.00011339191131	.00011339191131
8	0.1%	.00022678382263	.00022678382263
4	0.0%	.00023731081399	.00023731081399
1	0.0%	.0003566652546	.0003566652546
1868	21.3%	.00041736968938-.34629485686509	NOTE: Range of values omitted from display
131	1.5%	.41607323155712	.41607323155712
22	0.3%	.45884156039973	.45884156039973
8	0.1%	.50160988924233	.50160988924233
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc20y4</b>		Num 8	PE scope in Science, technology, & math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
122	1.4%	0	0
2	0.0%	.00025688052486	.00025688052486
6	0.1%	.00038248023285	.00038248023285
9	0.1%	.0006735058174	.0006735058174
84	1.0%	.00087870825442	.00087870825442
2951	33.6%	.00174872929787-.07845910199882	NOTE: Range of values omitted from display
13	0.1%	.08105923179994	.08105923179994
7	0.1%	.08563095605961	.08563095605961
4	0.0%	.09135046130842	.09135046130842
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc21y4</b>		Num 8	PE scope in History of science & technology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
716	8.2%	0	0
13	0.1%	.00006619358033	.00006619358033
1	0.0%	.00010253728077	.00010253728077

9	0.1%	.00013238716067	.00013238716067
23	0.3%	.00015380592116	.00015380592116
2334	26.6%	.00022504236617-.03601554037927	NOTE: Range of values omitted from display
73	0.8%	.03921857788682	.03921857788682
21	0.2%	.04915461221859	.04915461221859
8	0.1%	.06221369865365	.06221369865365
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc22y4</b>		Num 8	PE scope in Environments & resources ext, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1135	12.9%	0	0
5	0.1%	.00008366455774	.00008366455774
1	0.0%	.00012549683661	.00012549683661
1	0.0%	.00014409498781	.00014409498781
4	0.0%	.00021614248171	.00021614248171
1943	22.1%	.00022504236617-.3532248163596	NOTE: Range of values omitted from display
8	0.1%	.36644987660001	.36644987660001
84	1.0%	.37259103714053	.37259103714053
17	0.2%	.38413994315629	.38413994315629
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc23y4</b>		Num 8	PE scope in Nature of science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
792	9.0%	0	0
1	0.0%	.00030542900749	.00030542900749
1	0.0%	.00032681519317	.00032681519317
2	0.0%	.00035307158886	.00035307158886
12	0.1%	.00049022278976	.00049022278976
2370	27.0%	.00055011726935-.04881867256387	NOTE: Range of values omitted from display
2	0.0%	.05670836369714	.05670836369714

1	0.0%	.05811062813824	.05811062813824
17	0.2%	.07538061011187	.07538061011187
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc24y4</b>		Num 8	PE scope in Science & other disciplines, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
626	7.1%	0	0
10	0.1%	.00007539336607	.00007539336607
1	0.0%	.00007836013451	.00007836013451
9	0.1%	.00015078673215	.00015078673215
5	0.1%	.00015672026903	.00015672026903
2457	28.0%	.00031344053807-.19381290615507	NOTE: Range of values omitted from display
30	0.3%	.20044562525599	.20044562525599
1	0.0%	.20266839995461	.20266839995461
59	0.7%	.37271763685885	.37271763685885
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc25y4</b>		Num 8	PE scope in Understanding, year 4
Frequency	Percent	Value	Label
3106	35.4%	0	0
1	0.0%	.00002692620217	.00002692620217
2	0.0%	.00003590160289	.00003590160289
2	0.0%	.0000382838586	.0000382838586
18	0.2%	.00005385240434	.00005385240434
8	0.1%	.0000765677172	.0000765677172
9	0.1%	.00010770480868	.00010770480868
2	0.0%	.00011813747707	.00011813747707
8	0.1%	.00015313543441	.00015313543441
5	0.1%	.00023627495414	.00023627495414
3	0.0%	.00041196688368	.00041196688368

7	0.1%	.00082393376737	.00082393376737
1	0.0%	.00135522757399	.00135522757399
15	0.2%	.00164786753475	.00164786753475
3	0.0%	.00203284136098	.00203284136098
8	0.1%	.00406568272197	.00406568272197
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc26y4</b>		Num 8	PE scope in Analyzing & solving problems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2872	32.7%	0	0
1	0.0%	.00004027046577	.00004027046577
1	0.0%	.0000674298695	.0000674298695
3	0.0%	.00008054093154	.00008054093154
2	0.0%	.00008990649266	.00008990649266
184	2.1%	.00011442978332-.0018111560269	NOTE: Range of values omitted from display
131	1.5%	.003467148473	.003467148473
1	0.0%	.00356047601538	.00356047601538
3	0.0%	.00712095203076	.00712095203076
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc27y4</b>		Num 8	PE scope in Using tools & procedures, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
2909	33.1%	0	0
2	0.0%	.00004020544224	.00004020544224
8	0.1%	.00008041088448	.00008041088448
1	0.0%	.00012740348877	.00012740348877
8	0.1%	.00016082176896	.00016082176896
153	1.7%	.00019110523316-.00295172186122	NOTE: Range of values omitted from display
3	0.0%	.00308231076294	.00308231076294
44	0.5%	.00329901706764	.00329901706764

70	0.8%	.0053409402548	.0053409402548
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc28y4</b>			
		Num 8	PE scope in Investigating, year 4
Frequency	Percent	Value	Label
3190	36.3%	0	0
2	0.0%	.00036061892911	.00036061892911
5	0.1%	.00072123785822	.00072123785822
1	0.0%	.00229413096741	.00229413096741
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsc29y4</b>			
		Num 8	PE scope in Communicating, year 4
Frequency	Percent	Value	Label
3194	36.4%	0	0
1	0.0%	.00137824878014	.00137824878014
3	0.0%	.00275649756029	.00275649756029
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd1y4</b>			
		Num 8	IGP*PE scope in Earth features, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1567	17.8%	0	0
8	0.1%	.00010943736516	.00010943736516
44	0.5%	.00021887473032	.00021887473032
3	0.0%	.00034334124269	.00034334124269
7	0.1%	.00042859015525	.00042859015525
1500	17.1%	.00051922533247-.20207617539956	NOTE: Range of values omitted from display
32	0.4%	.20864856421345	.20864856421345
19	0.2%	.22588604835653	.22588604835653
18	0.2%	.23588142176494	.23588142176494
4276	48.7%	9991	Student did not take course in specified subject in given year

1309	14.9%	9992	Student took course, but curriculum information not available for this course
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<b>etsd2y4</b>		Num 8	IGP*PE scope in Earth process, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1380	15.7%	0	0
2	0.0%	.00002723654305	.00002723654305
44	0.5%	.00005447308611	.00005447308611
4	0.0%	.00026236215669	.00026236215669
2	0.0%	.00036880687656	.00036880687656
1743	19.8%	.00038242514809-.21010005843524	NOTE: Range of values omitted from display
18	0.2%	.22877249263813	.22877249263813
1	0.0%	.25583330068658	.25583330068658
4	0.0%	.46085442834885	.46085442834885
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd3y4</b>		Num 8	IGP*PE scope in Earth and the universe, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1814	20.7%	0	0
1	0.0%	.00010253575847	.00010253575847
1	0.0%	.00010435323149	.00010435323149
12	0.1%	.00012786017137	.00012786017137
11	0.1%	.00015380363771	.00015380363771
1335	15.2%	.00015863824954-.10664628144411	NOTE: Range of values omitted from display
2	0.0%	.10703411186664	.10703411186664
18	0.2%	.12353923069639	.12353923069639
4	0.0%	.14767639535957	.14767639535957
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd4y4</b>		Num 8	IGP*PE scope in Plants, animals, and their life cycles, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
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Frequency	Percent	Value	Label
1137	12.9%	0	0
22	0.3%	.00008527702127	.00008527702127
12	0.1%	.00009894293277	.00009894293277
1	0.0%	.00011287209549	.00011287209549
2	0.0%	.00014285733033	.00014285733033
1980	22.5%	.00014381883162-.32694106209252	NOTE: Range of values omitted from display
24	0.3%	.33432213830356	.33432213830356
2	0.0%	.34943651852276	.34943651852276
18	0.2%	.35146145908605	.35146145908605
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd5y4</b>		Num 8	IGP*PE scope in Organs, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1519	17.3%	0	0
2	0.0%	.00008909265066	.00008909265066
57	0.6%	.00017818530133	.00017818530133
2	0.0%	.00020521446536	.00020521446536
9	0.1%	.00024052597045	.00024052597045
1483	16.9%	.00035637060267-.34302672421858	NOTE: Range of values omitted from display
9	0.1%	.38882178892137	.38882178892137
33	0.4%	.40620388491864	.40620388491864
84	1.0%	.46249281281211	.46249281281211
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd6y4</b>		Num 8	IGP*PE scope in Biochemistry/microbiology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1345	15.3%	0	0
1	0.0%	.00002258515308	.00002258515308
4	0.0%	.00003387772963	.00003387772963



2	0.0%	.00032412147294	.00032412147294
5	0.1%	.00039161274614	.00039161274614
1725	19.6%	.00043093048992-.22818775112167	NOTE: Range of values omitted from display
1	0.0%	.2542147727707	.2542147727707
18	0.2%	.25459972079941	.25459972079941
97	1.1%	.29222374856293	.29222374856293
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd7y4</b>		Num 8	IGP*PE scope in Biosystems, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.1%	0	0
10	0.1%	.00016477887696	.00016477887696
2	0.0%	.00019883856371	.00019883856371
1	0.0%	.00020861713905	.00020861713905
44	0.5%	.00039767712742	.00039767712742
1875	21.3%	.00041723427811-.28560463628433	NOTE: Range of values omitted from display
97	1.1%	.2858521946154	.2858521946154
17	0.2%	.32812580411751	.32812580411751
1	0.0%	.34753539331134	.34753539331134
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd8y4</b>		Num 8	IGP*PE scope in Evolution, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1957	22.3%	0	0
2	0.0%	.00011044619583	.00011044619583
2	0.0%	.00014726159445	.00014726159445
26	0.3%	.00022089239167	.00022089239167
2	0.0%	.0002750560708	.0002750560708
1162	13.2%	.00034545809673-.12057387393263	NOTE: Range of values omitted from display
19	0.2%	.13141508061144	.13141508061144

10	0.1%	.13237168876254	.13237168876254
18	0.2%	.14515734344623	.14515734344623
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd9y4</b>		Num 8	IGP*PE scope in Environments & ecology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1617	18.4%	0	0
3	0.0%	.00003454549789	.00003454549789
1	0.0%	.0000599281719	.0000599281719
22	0.3%	.00006909099578	.00006909099578
7	0.1%	.00012318383433	.00012318383433
1537	17.5%	.00013818199156-.2093274612549	NOTE: Range of values omitted from display
1	0.0%	.21503951491041	.21503951491041
2	0.0%	.23909541344914	.23909541344914
8	0.1%	.32839927003184	.32839927003184
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd10y4</b>		Num 8	IGP*PE scope in Nutrition & disease, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1266	14.4%	0	0
2	0.0%	.00006577557999	.00006577557999
1	0.0%	.00014826291272	.00014826291272
3	0.0%	.00019937908437	.00019937908437
9	0.1%	.0003936725665	.0003936725665
1687	19.2%	.0005213534554-.21364575473208	NOTE: Range of values omitted from display
1	0.0%	.21589993282046	.21589993282046
34	0.4%	.22585211256877	.22585211256877
195	2.2%	.33355865105216	.33355865105216
4276	48.7%	9991	Student did not take course in specified subject in given year

1309	14.9%	9992	Student took course, but curriculum information not available for this course
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<b>etsd11y4</b>			
		Num 8	IGP*PE scope in Matter, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
130	1.5%	0	0
4	0.0%	.00008770839852	.00008770839852
9	0.1%	.00017541679704	.00017541679704
2	0.0%	.0004604889692	.0004604889692
8	0.1%	.00055939931056	.00055939931056
3029	34.5%	.00074018862448-.15837018760614	NOTE: Range of values omitted from display
10	0.1%	.174766877092	.174766877092
2	0.0%	.17580382999087	.17580382999087
4	0.0%	.17819283745107	.17819283745107
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd12y4</b>			
		Num 8	IGP*PE scope in Chemical properties, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
370	4.2%	0	0
59	0.7%	.00007410222153	.00007410222153
5	0.1%	.00044624253677	.00044624253677
8	0.1%	.00045770598763	.00045770598763
2	0.0%	.00071692223157	.00071692223157
2691	30.6%	.00087833383142-.2335016325533	NOTE: Range of values omitted from display
10	0.1%	.26729284809654	.26729284809654
35	0.4%	.2896845194634	.2896845194634
18	0.2%	.31937990855901	.31937990855901
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd13y4</b>			
		Num 8	IGP*PE scope in Structure of matter & physical changes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
175	2.0%	0	0
10	0.1%	.00094846904159	.00094846904159
2	0.0%	.00112339067213	.00112339067213
8	0.1%	.00179892163802	.00179892163802
31	0.4%	.00204153268925	.00204153268925
2914	33.2%	.002092844853-.45506792881051	NOTE: Range of values omitted from display
3	0.0%	.47683235081048	.47683235081048
20	0.2%	.56709818866393	.56709818866393
35	0.4%	.59403794024871	.59403794024871
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd14y4</b>		Num 8	IGP*PE scope in Forces, energy, & transformations energy, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
379	4.3%	0	0
17	0.2%	.00020995712884	.00020995712884
10	0.1%	.00049752589947	.00049752589947
1	0.0%	.00054033640685	.00054033640685
19	0.2%	.0005958001782	.0005958001782
2672	30.4%	.0008471247666-.39637721747212	NOTE: Range of values omitted from display
22	0.3%	.40633205290516	.40633205290516
8	0.1%	.4162868883382	.4162868883382
70	0.8%	.44242003767717	.44242003767717
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd15y4</b>		Num 8	IGP*PE scope in Light, sound, heat, electricity, & magnetism, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
337	3.8%	0	0
9	0.1%	.00026774142706	.00026774142706
10	0.1%	.00056268198319	.00056268198319

3	0.0%	.00103550879713	.00103550879713
15	0.2%	.00126779565188	.00126779565188
2681	30.5%	.00154570593793-.69592512047453	NOTE: Range of values omitted from display
131	1.5%	.7007283557212	.7007283557212
2	0.0%	.7036675740773199	.7036675740773199
10	0.1%	1.02868864717818	1.02868864717818
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd16y4</b>		Num 8	IGP*PE scope in Matter & transformations of matter, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
334	3.8%	0	0
8	0.1%	.00017165042016	.00017165042016
1	0.0%	.00034330084032	.00034330084032
1	0.0%	.00058102078927	.00058102078927
1	0.0%	.00073883711772	.00073883711772
2786	31.7%	.00079765827229-.13784714363014	NOTE: Range of values omitted from display
4	0.0%	.14313828549198	.14313828549198
14	0.2%	.1557571194805	.1557571194805
49	0.6%	.15976468840599	.15976468840599
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd17y4</b>		Num 8	IGP*PE scope in Nuclear physics, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1371	15.6%	0	0
1	0.0%	.00009751044396	.00009751044396
4	0.0%	.00010240812834	.00010240812834
7	0.1%	.00014626566594	.00014626566594
1	0.0%	.00018178633703	.00018178633703
1671	19.0%	.00019932949048-.10593372119057	NOTE: Range of values omitted from display
2	0.0%	.10750551252746	.10750551252746

131	1.5%	.12738547440197	.12738547440197
10	0.1%	.21501102505493	.21501102505493
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd18y4</b>		Num 8	IGP*PE scope in Chemical changes, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
241	2.7%	0	0
8	0.1%	.0010884294278	.0010884294278
4	0.0%	.00175564152949	.00175564152949
1	0.0%	.00185922251911	.00185922251911
4	0.0%	.0022030621798	.0022030621798
2900	33.0%	.0028217937869-.60609476036534	NOTE: Range of values omitted from display
35	0.4%	.61753339166979	.61753339166979
2	0.0%	.64657630680662	.64657630680662
3	0.0%	.67826913481246	.67826913481246
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd19y4</b>		Num 8	IGP*PE scope in Motion, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1151	13.1%	0	0
5	0.1%	.00012943720783	.00012943720783
8	0.1%	.00025887441566	.00025887441566
4	0.0%	.000276342654	.000276342654
1	0.0%	.00030688153392	.00030688153392
1868	21.3%	.00038575137441-.34805208684626	NOTE: Range of values omitted from display
131	1.5%	.39261078604087	.39261078604087
22	0.3%	.45247971560966	.45247971560966
8	0.1%	.51234864517845	.51234864517845
4276	48.7%	9991	Student did not take course in specified subject in given year

1309	14.9%	9992	Student took course, but curriculum information not available for this course
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<b>etsd20y4</b>			
		Num 8	IGP*PE scope in Science, technology, & math, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
122	1.4%	0	0
2	0.0%	.00028015463748	.00028015463748
6	0.1%	.00037187087539	.00037187087539
84	1.0%	.00084473124677	.00084473124677
9	0.1%	.00096582858241	.00096582858241
2932	33.4%	.00129267233227-.07748425953105	NOTE: Range of values omitted from display
32	0.4%	.07939224083329	.07939224083329
4	0.0%	.08190461512566	.08190461512566
7	0.1%	.09524485445422	.09524485445422
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd21y4</b>			
		Num 8	IGP*PE scope in History of science & technology, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
721	8.2%	0	0
13	0.1%	.00005187764925	.00005187764925
1	0.0%	.00006964095107	.00006964095107
9	0.1%	.0001037552985	.0001037552985
23	0.3%	.0001044614266	.0001044614266
2297	26.2%	.0001911491832-.03838781830274	NOTE: Range of values omitted from display
125	1.4%	.03941314578153	.03941314578153
1	0.0%	.03978503346778	.03978503346778
8	0.1%	.04197192404517	.04197192404517
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd22y4</b>			
		Num 8	IGP*PE scope in Environments & resources, year 4 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
1154	13.1%	0	0
5	0.1%	.00008678638557	.00008678638557
1	0.0%	.00013017957836	.00013017957836
14	0.2%	.00020462330943	.00020462330943
59	0.7%	.00026035915673	.00026035915673
1856	21.1%	.00030685001233-.33830907219625	NOTE: Range of values omitted from display
8	0.1%	.35390478075377	.35390478075377
84	1.0%	.38591505545438	.38591505545438
17	0.2%	.39429296182479	.39429296182479
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd23y4</b>		Num 8	IGP*PE scope in Nature of science, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
792	9.0%	0	0
1	0.0%	.0002628611604	.0002628611604
1	0.0%	.00026512339404	.00026512339404
2	0.0%	.00031335590581	.00031335590581
12	0.1%	.00039768509106	.00039768509106
2370	27.0%	.00052572232081-.04963014339847	NOTE: Range of values omitted from display
2	0.0%	.05986481493198	.05986481493198
1	0.0%	.06897828511505	.06897828511505
17	0.2%	.07150279161116	.07150279161116
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd24y4</b>		Num 8	IGP*PE scope in Science & other disciplines, year 4 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
626	7.1%	0	0
10	0.1%	.00006647373361	.00006647373361
1	0.0%	.00006866794846	.00006866794846



9	0.1%	.00013294746723	.00013294746723
5	0.1%	.00013733589692	.00013733589692
2457	28.0%	.00026009998238-.21148426639811	NOTE: Range of values omitted from display
1	0.0%	.2126385250886	.2126385250886
30	0.3%	.21841521943724	.21841521943724
59	0.7%	.41391097372809	.41391097372809
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd25y4</b>		Num 8	IGP*PE scope in Understanding, year 4
Frequency	Percent	Value	Label
3180	36.2%	0	0
2	0.0%	.00003438934375	.00003438934375
8	0.1%	.00006877868751	.00006877868751
8	0.1%	.00013755737502	.00013755737502
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd26y4</b>		Num 8	IGP*PE scope in Analyzing & solving problems, year 4
Frequency	Percent	Value	Label
3191	36.3%	0	0
2	0.0%	.00015008204426	.00015008204426
5	0.1%	.00030016408853	.00030016408853
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd27y4</b>		Num 8	IGP*PE scope in Using tools & procedures, year 4
Frequency	Percent	Value	Label
3067	34.9%	0	0
2	0.0%	.00005417317472	.00005417317472
8	0.1%	.00010834634944	.00010834634944
8	0.1%	.00021669269888	.00021669269888
1	0.0%	.00045298105201	.00045298105201
1	0.0%	.00090596210402	.00090596210402

3	0.0%	.00120794947202	.00120794947202
38	0.4%	.00181192420804	.00181192420804
70	0.8%	.00362384841608	.00362384841608
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd28y4</b>		Num 8	IGP*PE scope in Investigating, year 4
Frequency	Percent	Value	Label
3191	36.3%	0	0
2	0.0%	.0000959220022	.0000959220022
5	0.1%	.0001918440044	.0001918440044
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsd29y4</b>		Num 2	IGP*PE scope in Communicating, year 4
Frequency	Percent	Value	Label
3198	36.4%	0	0
4276	48.7%	9991	Student did not take course in specified subject in given year
1309	14.9%	9992	Student took course, but curriculum information not available for this course

<b>etsa1y5</b>		Num 8	Unweighted scope in Earth features, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.5%	0	0
1	0.0%	.00035946378424	.00035946378424
5	0.1%	.0003835862709	.0003835862709
2	0.0%	.00076717254181	.00076717254181
1	0.0%	.0009037904748	.0009037904748
67	0.8%	.00125523810428-.21233394938151	NOTE: Range of values omitted from display
1	0.0%	.22167709770918	.22167709770918
1	0.0%	.23413963860668	.23413963860668
2	0.0%	.24508533940272	.24508533940272
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa2y5</b>		Num 8	Unweighted scope in Earth process, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
1	0.0%	.00030632250518	.00030632250518
1	0.0%	.00038116259376	.00038116259376
1	0.0%	.00047627991525	.00047627991525
2	0.0%	.00070607143366	.00070607143366
87	1.0%	.00076814167072-.16499623496955	NOTE: Range of values omitted from display
6	0.1%	.22932875615326	.22932875615326
2	0.0%	.25310422623787	.25310422623787
1	0.0%	.28633319976703	.28633319976703
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa3y5</b>		Num 8	Unweighted scope in Earth and the universe, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
71	0.8%	0	0
2	0.0%	.00008288616973	.00008288616973
1	0.0%	.00017105704051	.00017105704051
1	0.0%	.00034211408103	.00034211408103
1	0.0%	.00036462820623	.00036462820623
47	0.5%	.00057054722734-.09216073004718	NOTE: Range of values omitted from display
1	0.0%	.10707676945908	.10707676945908
1	0.0%	.11900750742946	.11900750742946
2	0.0%	.12810931071805	.12810931071805
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa4y5</b>		Num 8	Unweighted scope in Plants, animals, and their life cycles, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
23	0.3%	0	0

1	0.0%	.00009397298062	.00009397298062
5	0.1%	.00044952354157	.00044952354157
1	0.0%	.00045897317626	.00045897317626
1	0.0%	.00052935003175	.00052935003175
89	1.0%	.00061821451046-.42596695694768	NOTE: Range of values omitted from display
4	0.0%	.43388665375568	.43388665375568
1	0.0%	.46663320246746	.46663320246746
2	0.0%	.49163156355475	.49163156355475
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa5y5</b>		Num 8	Unweighted scope in Organs, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
49	0.6%	0	0
1	0.0%	.00033934414682	.00033934414682
1	0.0%	.00051460366477	.00051460366477
5	0.1%	.00062209824704	.00062209824704
2	0.0%	.00124419649409	.00124419649409
64	0.7%	.00164184605755-.358444006339	NOTE: Range of values omitted from display
1	0.0%	.40654376561152	.40654376561152
3	0.0%	.70836462769923	.70836462769923
1	0.0%	.716888012678	.716888012678
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa6y5</b>		Num 8	Unweighted scope in Biochemistry/microbiology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
1	0.0%	.00005636638492	.00005636638492
1	0.0%	.00031480901978	.00031480901978
1	0.0%	.00079501731858	.00079501731858
3	0.0%	.00109420210856	.00109420210856

72	0.8%	.00160018557244-.19221373802989	NOTE: Range of values omitted from display
1	0.0%	.20147254416539	.20147254416539
2	0.0%	.25629793512584	.25629793512584
1	0.0%	.27654036033287	.27654036033287
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa7y5</b>		Num 8	Unweighted scope in Biosystems, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
28	0.3%	0	0
1	0.0%	.00077190549715	.00077190549715
2	0.0%	.00083277900719	.00083277900719
1	0.0%	.00126090749027	.00126090749027
1	0.0%	.00175296676872	.00175296676872
88	1.0%	.00235014893329-.24883133430791	NOTE: Range of values omitted from display
1	0.0%	.25752480361283	.25752480361283
4	0.0%	.25933572145039	.25933572145039
1	0.0%	.26660770375288	.26660770375288
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa8y5</b>		Num 8	Unweighted scope in Evolution, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
54	0.6%	0	0
1	0.0%	.00012950288842	.00012950288842
1	0.0%	.0007620956232	.0007620956232
3	0.0%	.00152419124641	.00152419124641
6	0.1%	.00211662572535	.00211662572535
58	0.7%	.00296582805644-.07670179593658	NOTE: Range of values omitted from display
1	0.0%	.0890181464635	.0890181464635
1	0.0%	.09084318335646	.09084318335646
2	0.0%	.11229669015745	.11229669015745

8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa9y5</b>		Num 8	Unweighted scope in Environments & ecology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
42	0.5%	0	0
1	0.0%	.00013823272718	.00013823272718
1	0.0%	.00027646545437	.00027646545437
1	0.0%	.00029223855096	.00029223855096
1	0.0%	.00031823073843	.00031823073843
71	0.8%	.00078915182375-.14295635147579	NOTE: Range of values omitted from display
5	0.1%	.15192594089408	.15192594089408
1	0.0%	.15196137661323	.15196137661323
4	0.0%	.15199681233237	.15199681233237
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa10y5</b>		Num 8	Unweighted scope in Nutrition & disease, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
37	0.4%	0	0
1	0.0%	.00027292392315	.00027292392315
1	0.0%	.00030871227702	.00030871227702
1	0.0%	.00150950408333	.00150950408333
1	0.0%	.00209807404718	.00209807404718
80	0.9%	.00225585757721-.18035236956022	NOTE: Range of values omitted from display
2	0.0%	.21928201636477	.21928201636477
3	0.0%	.24729877817981	.24729877817981
1	0.0%	.43927434061499	.43927434061499
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa11y5</b>		Num 8	Unweighted scope in Matter, year 5
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
6	0.1%	0	0	
1	0.0%	.00138007017748	.00138007017748	
1	0.0%	.00160443338565	.00160443338565	
1	0.0%	.00186167041656	.00186167041656	
1	0.0%	.00262413286314	.00262413286314	
110	1.3%	.00273243045148-.1691166166689	NOTE: Range of values omitted from display	
5	0.1%	.19002351904068	.19002351904068	
1	0.0%	.20024608479367	.20024608479367	
1	0.0%	.20829251126006	.20829251126006	
8583	97.7%	9991	Student did not take course in specified subject in given year	
73	0.8%	9992	Student took course, but curriculum information not available for this course	

<b>etsa12y5</b>				Num 8	Unweighted scope in Chemical properties, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
20	0.2%	0	0		
2	0.0%	.0014290317138	.0014290317138		
4	0.0%	.00168856268776	.00168856268776		
1	0.0%	.00262413286314	.00262413286314		
1	0.0%	.00267291296034	.00267291296034		
96	1.1%	.00284380127862-.18526371181134	NOTE: Range of values omitted from display		
1	0.0%	.20165092350833	.20165092350833		
1	0.0%	.22120415451752	.22120415451752		
1	0.0%	.31428870322607	.31428870322607		
8583	97.7%	9991	Student did not take course in specified subject in given year		
73	0.8%	9992	Student took course, but curriculum information not available for this course		

<b>etsa13y5</b>				Num 8	Unweighted scope in Structure of matter & physical changes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
6	0.1%	0	0		
4	0.0%	.00225141691702	.00225141691702		

1	0.0%	.00251914377149	.00251914377149
1	0.0%	.00332026437108	.00332026437108
1	0.0%	.00369860284759	.00369860284759
111	1.3%	.00456076602853-.30559530480522	NOTE: Range of values omitted from display
1	0.0%	.30679475292183	.30679475292183
1	0.0%	.31661662602434	.31661662602434
1	0.0%	.33354978189836	.33354978189836
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa14y5</b>		Num 8	Unweighted scope in Forces, energy, & transformations energy, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7	0.1%	0	0
1	0.0%	.00204099234143	.00204099234143
1	0.0%	.0021121229483	.0021121229483
4	0.0%	.00312696794031	.00312696794031
1	0.0%	.00435888431811	.00435888431811
103	1.2%	.00449211066078-.25199979640512	NOTE: Range of values omitted from display
1	0.0%	.26493886677151	.26493886677151
4	0.0%	.27354718032473	.27354718032473
5	0.1%	.2878697664499	.2878697664499
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa15y5</b>		Num 8	Unweighted scope in Light, sound, heat, electricity, & magnetism, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4	0.0%	0	0
2	0.0%	.00132257448709	.00132257448709
4	0.0%	.00184131295058	.00184131295058
3	0.0%	.00286282877587	.00286282877587
1	0.0%	.00342517246501	.00342517246501



102	1.2%	.00378891532689-.32794018004674	NOTE: Range of values omitted from display
6	0.1%	.36293988676416	.36293988676416
1	0.0%	.49613835621907	.49613835621907
4	0.0%	.53907023377117	.53907023377117
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa16y5</b>		Num 8	Unweighted scope in Matter & transformations of matter, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
30	0.3%	0	0
1	0.0%	.00031852275375	.00031852275375
1	0.0%	.00062660631242	.00062660631242
1	0.0%	.00089990784021	.00089990784021
1	0.0%	.00099840643448	.00099840643448
85	1.0%	.00112570845851-.1083883122744	NOTE: Range of values omitted from display
1	0.0%	.12201301130323	.12201301130323
5	0.1%	.12212901113008	.12212901113008
2	0.0%	.16566557539356	.16566557539356
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa17y5</b>		Num 8	Unweighted scope in Nuclear physics, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
64	0.7%	0	0
1	0.0%	.00021529772489	.00021529772489
5	0.1%	.00036514462326	.00036514462326
1	0.0%	.00038311527254	.00038311527254
1	0.0%	.00043059544978	.00043059544978
48	0.5%	.0005146475458-.04829959041151	NOTE: Range of values omitted from display
1	0.0%	.04882527231063	.04882527231063
2	0.0%	.07213702695478	.07213702695478
4	0.0%	.07699666552797	.07699666552797

8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa18y5</b>		Num 8	Unweighted scope in Chemical changes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
1	0.0%	.00416706064686	.00416706064686
1	0.0%	.00427694265016	.00427694265016
1	0.0%	.00459223251051	.00459223251051
2	0.0%	.00462874503618	.00462874503618
88	1.0%	.00562854229256-.33259639335433	NOTE: Range of values omitted from display
1	0.0%	.34101508593337	.34101508593337
5	0.1%	.38167182928038	.38167182928038
2	0.0%	.42232857262739	.42232857262739
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa19y5</b>		Num 8	Unweighted scope in Motion, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
51	0.6%	0	0
2	0.0%	.00015158818128	.00015158818128
1	0.0%	.00023282982143	.00023282982143
2	0.0%	.00030317636257	.00030317636257
1	0.0%	.00046565964286	.00046565964286
60	0.7%	.00061264501036-.12777237488493	NOTE: Range of values omitted from display
5	0.1%	.13884505421926	.13884505421926
4	0.0%	.24737958495085	.24737958495085
1	0.0%	.28128697003801	.28128697003801
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa20y5</b>		Num 8	Unweighted scope in Science, technology, & math, year 5
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
1	0.0%	0	0	
5	0.1%	.00128923369473	.00128923369473	
1	0.0%	.00310114941702	.00310114941702	
1	0.0%	.00349747602048	.00349747602048	
4	0.0%	.00360226706724	.00360226706724	
112	1.3%	.00387341572072-.06911321907312	NOTE: Range of values omitted from display	
1	0.0%	.06918522424416	.06918522424416	
1	0.0%	.07850751324043	.07850751324043	
1	0.0%	.08015550422977	.08015550422977	
8583	97.7%	9991	Student did not take course in specified subject in given year	
73	0.8%	9992	Student took course, but curriculum information not available for this course	

<b>etsa21y5</b>				Num 8	Unweighted scope in History of science & technology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
20	0.2%	0	0		
1	0.0%	.00008633525894	.00008633525894		
1	0.0%	.0001987713007	.0001987713007		
1	0.0%	.00039754260141	.00039754260141		
1	0.0%	.00066588641254	.00066588641254		
83	0.9%	.00084252383491-.03371795840843	NOTE: Range of values omitted from display		
17	0.2%	.03548767422023	.03548767422023		
1	0.0%	.03589498730743	.03589498730743		
2	0.0%	.04206083425507	.04206083425507		
8583	97.7%	9991	Student did not take course in specified subject in given year		
73	0.8%	9992	Student took course, but curriculum information not available for this course		

<b>etsa22y5</b>				Num 8	Unweighted scope in Environments & resources, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
18	0.2%	0	0		
1	0.0%	.00051334549565	.00051334549565		

1	0.0%	.00060986015002	.00060986015002
3	0.0%	.00091451474784	.00091451474784
1	0.0%	.0010266909913	.0010266909913
96	1.1%	.00128488812301-.19041866697039	NOTE: Range of values omitted from display
1	0.0%	.26850243853289	.26850243853289
5	0.1%	.29721450819041	.29721450819041
1	0.0%	.3752776666933	.3752776666933
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa23y5</b>		Num 8	Unweighted scope in Nature of science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
1	0.0%	.00037297588808	.00037297588808
2	0.0%	.00074595177617	.00074595177617
1	0.0%	.00170924756707	.00170924756707
2	0.0%	.00203672817177	.00203672817177
95	1.1%	.0022186923013-.04802460872644	NOTE: Range of values omitted from display
1	0.0%	.05241863239868	.05241863239868
5	0.1%	.05676358422634	.05676358422634
2	0.0%	.07497321950295	.07497321950295
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa24y5</b>		Num 8	Unweighted scope in Science & other disciplines, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	0	0
1	0.0%	.00024878848209	.00024878848209
1	0.0%	.00049757696419	.00049757696419
1	0.0%	.00057606352111	.00057606352111
4	0.0%	.00068629491107	.00068629491107
83	0.9%	.00091894399726-.10617490575475	NOTE: Range of values omitted from display

1	0.0%	.10763305160545	.10763305160545
6	0.1%	.10804596882218	.10804596882218
5	0.1%	.1699219837282	.1699219837282
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa25y5</b>		Num 8	Unweighted scope in Understanding, year 5
Frequency	Percent	Value	Label
109	1.2%	0	0
2	0.0%	.00015721798598	.00015721798598
1	0.0%	.00015892189083	.00015892189083
2	0.0%	.00021929210162	.00021929210162
1	0.0%	.00031443597197	.00031443597197
2	0.0%	.00043858420324	.00043858420324
1	0.0%	.0005595240208	.0005595240208
2	0.0%	.00069368421552	.00069368421552
3	0.0%	.00104813044083	.00104813044083
4	0.0%	.0011190480416	.0011190480416
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa26y5</b>		Num 8	Unweighted scope in Analyzing & solving problems, year 5
Frequency	Percent	Value	Label
114	1.3%	0	0
1	0.0%	.00006985552795	.00006985552795
1	0.0%	.00041231650127	.00041231650127
1	0.0%	.00058886096406	.00058886096406
1	0.0%	.00085987814646	.00085987814646
1	0.0%	.00113702904978	.00113702904978
1	0.0%	.00250995928688	.00250995928688
2	0.0%	.00260131580823	.00260131580823
1	0.0%	.00261989953802	.00261989953802
4	0.0%	.00501991857377	.00501991857377

8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa27y5</b>			
Frequency	Percent	Value	Label
		Num 8	Unweighted scope in Using tools & procedures, year 5
118	1.3%	0	0
2	0.0%	.00005503641208	.00005503641208
1	0.0%	.00011007282416	.00011007282416
3	0.0%	.00178719677731	.00178719677731
1	0.0%	.00320483918827	.00320483918827
1	0.0%	.00531674891608	.00531674891608
1	0.0%	.00640967837654	.00640967837654
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa28y5</b>			
Frequency	Percent	Value	Label
		Num 8	Unweighted scope in Investigating, year 5
125	1.4%	0	0
2	0.0%	.00329500002376	.00329500002376
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsa29y5</b>			
Frequency	Percent	Value	Label
		Num 2	Unweighted scope in Communicating, year 5
127	1.4%	0	0
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb1y5</b>			
Frequency	Percent	Value	Label
		Num 8	IGP scope in Earth features, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
47	0.5%	0	0
5	0.1%	.00035070856475	.00035070856475
1	0.0%	.0004020052349	.0004020052349
2	0.0%	.00070141712951	.00070141712951

1	0.0%	.00075054136007	.00075054136007
67	0.8%	.00099504450611-.19651213092989	NOTE: Range of values omitted from display
1	0.0%	.20295644276268	.20295644276268
1	0.0%	.22182186302992	.22182186302992
2	0.0%	.2276965832109	.2276965832109
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb2y5</b>		Num 8	IGP scope in Earth process, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
1	0.0%	.00014194697847	.00014194697847
1	0.0%	.00028929659746	.00028929659746
1	0.0%	.00054802725366	.00054802725366
1	0.0%	.00064909866989	.00064909866989
88	1.0%	.00065535979106-.15172380984239	NOTE: Range of values omitted from display
6	0.1%	.20639077011472	.20639077011472
2	0.0%	.22313414309193	.22313414309193
1	0.0%	.25054005567655	.25054005567655
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb3y5</b>		Num 8	IGP scope in Earth and the universe, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
71	0.8%	0	0
2	0.0%	.00006931260246	.00006931260246
1	0.0%	.00014978595208	.00014978595208
1	0.0%	.00029957190417	.00029957190417
1	0.0%	.0003643521236	.0003643521236
47	0.5%	.00059914380834-.08294722291567	NOTE: Range of values omitted from display
1	0.0%	.1034396246073	.1034396246073
1	0.0%	.10414585185926	.10414585185926

2	0.0%	.12010825962959	.12010825962959
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb4y5</b>		Num 8	IGP scope in Plants, animals, and their life cycles, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
23	0.3%	0	0
1	0.0%	.00005215778997	.00005215778997
5	0.1%	.00033384668647	.00033384668647
1	0.0%	.00035787165194	.00035787165194
2	0.0%	.00049458900158	.00049458900158
88	1.0%	.00050512183078-.31252480003962	NOTE: Range of values omitted from display
4	0.0%	.32685541377969	.32685541377969
1	0.0%	.34817001399232	.34817001399232
2	0.0%	.36104068675502	.36104068675502
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb5y5</b>		Num 8	IGP scope in Organs, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
49	0.6%	0	0
1	0.0%	.0003309634725	.0003309634725
1	0.0%	.00043037352748	.00043037352748
5	0.1%	.00045502188145	.00045502188145
2	0.0%	.0009100437629	.0009100437629
64	0.7%	.00142770500954-.28539876607807	NOTE: Range of values omitted from display
1	0.0%	.33072435939178	.33072435939178
1	0.0%	.56739238208648	.56739238208648
3	0.0%	.57079753215614	.57079753215614
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course



<b>etsb6y5</b>		Num 8	IGP scope in Biochemistry/microbiology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
1	0.0%	.00005036833904	.00005036833904
1	0.0%	.00035928181581	.00035928181581
1	0.0%	.00080169619473	.00080169619473
3	0.0%	.00143476656933	.00143476656933
72	0.8%	.00207104192503-.24151610583044	NOTE: Range of values omitted from display
1	0.0%	.25121954527393	.25121954527393
1	0.0%	.26564285915655	.26564285915655
2	0.0%	.32136233445535	.32136233445535
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb7y5</b>		Num 8	IGP scope in Biosystems, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
28	0.3%	0	0
1	0.0%	.00068142475184	.00068142475184
2	0.0%	.00097857183149	.00097857183149
1	0.0%	.00140681838587	.00140681838587
5	0.1%	.00204127871818	.00204127871818
86	1.0%	.00216753588936-.25802043264154	NOTE: Range of values omitted from display
2	0.0%	.2587309469031	.2587309469031
1	0.0%	.25897302070332	.25897302070332
1	0.0%	.27854193202745	.27854193202745
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb8y5</b>		Num 8	IGP scope in Evolution, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
54	0.6%	0	0

1	0.0%	.00011580335108	.00011580335108
1	0.0%	.00104019629733	.00104019629733
3	0.0%	.00208039259467	.00208039259467
6	0.1%	.00235085819853	.00235085819853
58	0.7%	.00327617602022-.09706736308549	NOTE: Range of values omitted from display
1	0.0%	.1102761817868	.1102761817868
1	0.0%	.1119516330862	.1119516330862
2	0.0%	.13540159179591	.13540159179591
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb9y5</b>		Num 8	IGP scope in Environments & ecology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
42	0.5%	0	0
1	0.0%	.00015755389659	.00015755389659
1	0.0%	.00022769620347	.00022769620347
1	0.0%	.00023084365192	.00023084365192
1	0.0%	.00031510779318	.00031510779318
74	0.8%	.00088048199625-.1220934885479	NOTE: Range of values omitted from display
1	0.0%	.12278659182781	.12278659182781
1	0.0%	.13103501703039	.13103501703039
5	0.1%	.13997654551289	.13997654551289
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb10y5</b>		Num 8	IGP scope in Nutrition & disease, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
37	0.4%	0	0
1	0.0%	.00022436296473	.00022436296473
1	0.0%	.00040289478046	.00040289478046
1	0.0%	.00127624347285	.00127624347285
1	0.0%	.0016516034645	.0016516034645

80	0.9%	.00207696893934-.13438329190014	NOTE: Range of values omitted from display
2	0.0%	.20095844857564	.20095844857564
3	0.0%	.2144033529691	.2144033529691
1	0.0%	.39541823756719	.39541823756719
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb11y5</b>		Num 8	IGP scope in Matter, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00114139242007	.00114139242007
1	0.0%	.00133535122852	.00133535122852
1	0.0%	.00165364076161	.00165364076161
1	0.0%	.00238800390565	.00238800390565
110	1.3%	.00248622581462-.15532428568089	NOTE: Range of values omitted from display
1	0.0%	.1690533243109	.1690533243109
5	0.1%	.18504952544291	.18504952544291
1	0.0%	.19699953327858	.19699953327858
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb12y5</b>		Num 8	IGP scope in Chemical properties, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
2	0.0%	.0018097676123	.0018097676123
4	0.0%	.00208777621203	.00208777621203
1	0.0%	.00268741516632	.00268741516632
1	0.0%	.0030574749765	.0030574749765
96	1.1%	.00322773175934-.2058518523402	NOTE: Range of values omitted from display
1	0.0%	.22222298470889	.22222298470889
1	0.0%	.2502968997537	.2502968997537
1	0.0%	.35775459375342	.35775459375342

8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb13y5</b>		Num 8	IGP scope in Structure of matter & physical changes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6	0.1%	0	0
4	0.0%	.00242633451668	.00242633451668
1	0.0%	.00297874667097	.00297874667097
1	0.0%	.00382475824454	.00382475824454
1	0.0%	.00466989348939	.00466989348939
111	1.3%	.0056120863774-.32931813906249	NOTE: Range of values omitted from display
1	0.0%	.3480603820676	.3480603820676
1	0.0%	.36060539120326	.36060539120326
1	0.0%	.36766603920132	.36766603920132
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb14y5</b>		Num 8	IGP scope in Forces, energy, & transformations energy, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7	0.1%	0	0
1	0.0%	.00199903580191	.00199903580191
1	0.0%	.00222676097134	.00222676097134
1	0.0%	.00226062835041	.00226062835041
4	0.0%	.00329780867125	.00329780867125
103	1.2%	.00480496450132-.27604566838302	NOTE: Range of values omitted from display
1	0.0%	.28834453647945	.28834453647945
4	0.0%	.29046169157355	.29046169157355
5	0.1%	.30915824288464	.30915824288464
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb15y5</b>		Num 8	IGP scope in Light, sound, heat, electricity, & magnetism, year 5
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				NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
4	0.0%	0	0	
2	0.0%	.00137533655854	.00137533655854	
4	0.0%	.00147245536316	.00147245536316	
1	0.0%	.00278272667227	.00278272667227	
3	0.0%	.00299699993981	.00299699993981	
102	1.2%	.00325377333769-.35255938319576	NOTE: Range of values omitted from display	
6	0.1%	.38518070814349	.38518070814349	
1	0.0%	.50953463820386	.50953463820386	
4	0.0%	.56140896035601	.56140896035601	
8583	97.7%	9991	Student did not take course in specified subject in given year	
73	0.8%	9992	Student took course, but curriculum information not available for this course	

<b>etsb16y5</b>				Num 8	IGP scope in Matter & transformations of matter, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
30	0.3%	0	0		
1	0.0%	.00040750158315	.00040750158315		
1	0.0%	.00072962158994	.00072962158994		
1	0.0%	.00113488610322	.00113488610322		
1	0.0%	.00122698583066	.00122698583066		
85	1.0%	.00139185080802-.12571841811853	NOTE: Range of values omitted from display		
1	0.0%	.13886658074651	.13886658074651		
5	0.1%	.14041294942384	.14041294942384		
2	0.0%	.1917230557197	.1917230557197		
8583	97.7%	9991	Student did not take course in specified subject in given year		
73	0.8%	9992	Student took course, but curriculum information not available for this course		

<b>etsb17y5</b>				Num 8	IGP scope in Nuclear physics, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label		
65	0.7%	0	0		
1	0.0%	.00031462321485	.00031462321485		

5	0.1%	.00052302786917	.00052302786917
1	0.0%	.00054054837546	.00054054837546
1	0.0%	.00059165451074	.00059165451074
47	0.5%	.00061045047022-.06563234369664	NOTE: Range of values omitted from display
1	0.0%	.06614324702431	.06614324702431
4	0.0%	.09413668122883	.09413668122883
2	0.0%	.10663930719387	.10663930719387
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb18y5</b>		Num 8	IGP scope in Chemical changes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
1	0.0%	.00522325511055	.00522325511055
1	0.0%	.00558649568617	.00558649568617
1	0.0%	.00595893627014	.00595893627014
2	0.0%	.0062236579924	.0062236579924
88	1.0%	.00748590029178-.40176719979393	NOTE: Range of values omitted from display
1	0.0%	.43434838350714	.43434838350714
5	0.1%	.48526416291828	.48526416291828
2	0.0%	.53617994232941	.53617994232941
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb19y5</b>		Num 8	IGP scope in Motion, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
51	0.6%	0	0
2	0.0%	.00017758842891	.00017758842891
1	0.0%	.000264102306	.000264102306
2	0.0%	.00035517685782	.00035517685782
1	0.0%	.000528204612	.000528204612
60	0.7%	.00070027176047-.13015882765623	NOTE: Range of values omitted from display

5	0.1%	.15046293858877	.15046293858877
4	0.0%	.25178835740448	.25178835740448
1	0.0%	.30123775142358	.30123775142358
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb20y5</b>		Num 8	IGP scope in Science, technology, & math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	0	0
5	0.1%	.00126349868447	.00126349868447
1	0.0%	.00385765693247	.00385765693247
1	0.0%	.00394419242847	.00394419242847
1	0.0%	.00437084787587	.00437084787587
113	1.3%	.00444842449948-.07406520670979	NOTE: Range of values omitted from display
1	0.0%	.07722634873249	.07722634873249
3	0.0%	.08186946887471	.08186946887471
1	0.0%	.09748754960905	.09748754960905
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb21y5</b>		Num 8	IGP scope in History of science & technology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
1	0.0%	.00006389150404	.00006389150404
1	0.0%	.00015219350884	.00015219350884
1	0.0%	.00030438701769	.00030438701769
1	0.0%	.00053718510611	.00053718510611
79	0.9%	.00080352833348-.03040020904799	NOTE: Range of values omitted from display
5	0.1%	.03445948779243	.03445948779243
2	0.0%	.0385406324224	.0385406324224
17	0.2%	.046271069134	.046271069134
8583	97.7%	9991	Student did not take course in specified subject in given year

73	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etsb22y5</b>			
		Num 8	IGP scope in Environments & resources ext, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
19	0.2%	0	0
1	0.0%	.00046649026226	.00046649026226
3	0.0%	.00079863412402	.00079863412402
1	0.0%	.00093298052452	.00093298052452
5	0.1%	.00100166101837	.00100166101837
91	1.0%	.00183548672734-.19864302868486	NOTE: Range of values omitted from display
1	0.0%	.28072707424308	.28072707424308
5	0.1%	.31444052012594	.31444052012594
1	0.0%	.3580639664009	.3580639664009
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb23y5</b>			
		Num 8	IGP scope in Nature of science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
1	0.0%	.00033644184851	.00033644184851
2	0.0%	.00067288369703	.00067288369703
1	0.0%	.00168119743239	.00168119743239
2	0.0%	.00217478321583	.00217478321583
95	1.1%	.00222460113967-.04818649029336	NOTE: Range of values omitted from display
5	0.1%	.05397314186416	.05397314186416
1	0.0%	.05448338750012	.05448338750012
2	0.0%	.07089792214093	.07089792214093
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb24y5</b>			
		Num 8	IGP scope in Science & other disciplines, year 5 NOTE: Smallest 5 and largest 5 values are displayed.



Frequency	Percent	Value	Label
25	0.3%	0	0
1	0.0%	.00020885626177	.00020885626177
1	0.0%	.00041771252354	.00041771252354
1	0.0%	.0004518489066	.0004518489066
4	0.0%	.00059271929411	.00059271929411
83	0.9%	.00113231063073-.10109399489308	NOTE: Range of values omitted from display
1	0.0%	.10174886136296	.10174886136296
6	0.1%	.13629013966338	.13629013966338
5	0.1%	.16641000182866	.16641000182866
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb25y5</b>			
Frequency	Percent	Value	Label
124	1.4%	0	0
2	0.0%	.00014033530451	.00014033530451
1	0.0%	.00028067060902	.00028067060902
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb26y5</b>			
Frequency	Percent	Value	Label
127	1.4%	0	0
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb27y5</b>			
Frequency	Percent	Value	Label
122	1.4%	0	0
2	0.0%	.00007368958074	.00007368958074
1	0.0%	.00014737916149	.00014737916149
1	0.0%	.00225741429429	.00225741429429
1	0.0%	.00451482858859	.00451482858859

8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb28y5</b>		Num 2	IGP scope in Investigating, year 5
Frequency	Percent	Value	Label
127	1.4%	0	0
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsb29y5</b>		Num 2	IGP scope in Communicating, year 5
Frequency	Percent	Value	Label
127	1.4%	0	0
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc1y5</b>		Num 8	PE scope in Earth features, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.5%	0	0
1	0.0%	.00067148013758	.00067148013758
5	0.1%	.00081921275538	.00081921275538
1	0.0%	.00127829157278	.00127829157278
2	0.0%	.00163842551076	.00163842551076
67	0.8%	.00173388029795-.21593348351206	NOTE: Range of values omitted from display
1	0.0%	.22072512016381	.22072512016381
1	0.0%	.2331341415087	.2331341415087
2	0.0%	.25382683958786	.25382683958786
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc2y5</b>		Num 8	PE scope in Earth process, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
1	0.0%	.00012981848203	.00012981848203

1	0.0%	.00034811203364	.00034811203364
1	0.0%	.00080879509089	.00080879509089
5	0.1%	.00085294547857	.00085294547857
84	1.0%	.00095880907597-.16428766961759	NOTE: Range of values omitted from display
6	0.1%	.22765773094414	.22765773094414
2	0.0%	.25880280306291	.25880280306291
1	0.0%	.28781013080932	.28781013080932
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc3y5</b>		Num 8	PE scope in Earth and the universe, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
71	0.8%	0	0
1	0.0%	.00014013443773	.00014013443773
1	0.0%	.00017816971211	.00017816971211
2	0.0%	.00024972173753	.00024972173753
1	0.0%	.00035633942423	.00035633942423
47	0.5%	.0004315864095-.09493290867618	NOTE: Range of values omitted from display
1	0.0%	.10868422510628	.10868422510628
1	0.0%	.11849643760775	.11849643760775
2	0.0%	.1320632546052	.1320632546052
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc4y5</b>		Num 8	PE scope in Plants, animals, and their life cycles, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
23	0.3%	0	0
1	0.0%	.00016741249202	.00016741249202
1	0.0%	.00026199730009	.00026199730009
5	0.1%	.00039477982145	.00039477982145
3	0.0%	.00056991363254	.00056991363254
87	1.0%	.0005776713291-.3292859553943	NOTE: Range of values omitted from display

2	0.0%	.34256490795324	.34256490795324
4	0.0%	.34770776688626	.34770776688626
1	0.0%	.38158426550797	.38158426550797
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc5y5</b>		Num 8	PE scope in Organs, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
49	0.6%	0	0
5	0.1%	.00026571900911	.00026571900911
2	0.0%	.00053143801823	.00053143801823
1	0.0%	.00062147209911	.00062147209911
1	0.0%	.00064976086644	.00064976086644
64	0.7%	.00079808661851-.27274621977989	NOTE: Range of values omitted from display
1	0.0%	.43953225497998	.43953225497998
1	0.0%	.48723270909761	.48723270909761
3	0.0%	.54549243955978	.54549243955978
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc6y5</b>		Num 8	PE scope in Biochemistry/microbiology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
1	0.0%	.0000344337492	.0000344337492
1	0.0%	.00052803899888	.00052803899888
3	0.0%	.00053429403051	.00053429403051
1	0.0%	.00056083101933	.00056083101933
72	0.8%	.00113334924866-.1682158251615	NOTE: Range of values omitted from display
2	0.0%	.16907544090754	.16907544090754
1	0.0%	.20776498316308	.20776498316308
1	0.0%	.24518015335556	.24518015335556
8583	97.7%	9991	Student did not take course in specified subject in given year

73	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etsc7y5</b>			
		Num 8	PE scope in Biosystems, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
28	0.3%	0	0
2	0.0%	.00124071917748	.00124071917748
5	0.1%	.0015943140547	.0015943140547
1	0.0%	.00160096724271	.00160096724271
1	0.0%	.00186441629734	.00186441629734
87	1.0%	.00247804685637-.2026313797403	NOTE: Range of values omitted from display
1	0.0%	.21588695278044	.21588695278044
1	0.0%	.22427115882685	.22427115882685
1	0.0%	.25939130799658	.25939130799658
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc8y5</b>			
		Num 8	PE scope in Evolution, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
54	0.6%	0	0
1	0.0%	.00026916036204	.00026916036204
1	0.0%	.00067512709851	.00067512709851
3	0.0%	.00135025419702	.00135025419702
6	0.1%	.00210652809258	.00210652809258
58	0.7%	.0027654125433-.07659883088596	NOTE: Range of values omitted from display
1	0.0%	.08215299543741	.08215299543741
2	0.0%	.08483095873595	.08483095873595
1	0.0%	.08503459808558	.08503459808558
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc9y5</b>			
		Num 8	PE scope in Environments & ecology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
42	0.5%	0	0
1	0.0%	.00006599739647	.00006599739647
1	0.0%	.00013199479294	.00013199479294
1	0.0%	.00036690868814	.00036690868814
1	0.0%	.00045771913331	.00045771913331
74	0.8%	.00091596659625-.13675220932811	NOTE: Range of values omitted from display
1	0.0%	.16866355727144	.16866355727144
1	0.0%	.17225150365627	.17225150365627
5	0.1%	.20775079798444	.20775079798444
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc10y5</b>		Num 8	PE scope in Nutrition & disease, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
37	0.4%	0	0
1	0.0%	.00052445257749	.00052445257749
1	0.0%	.0005499696963	.0005499696963
1	0.0%	.00162846406717	.00162846406717
2	0.0%	.00193623484434	.00193623484434
79	0.9%	.00238973703372-.16531959060192	NOTE: Range of values omitted from display
3	0.0%	.22647988344969	.22647988344969
2	0.0%	.23706512666278	.23706512666278
1	0.0%	.35172683834709	.35172683834709
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc11y5</b>		Num 8	PE scope in Matter, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.000672116631	.000672116631
1	0.0%	.0008870431957	.0008870431957

1	0.0%	.00150429034074	.00150429034074
1	0.0%	.00210114242973	.00210114242973
110	1.3%	.00214107191875-.15561002334762	NOTE: Range of values omitted from display
1	0.0%	.16685741659903	.16685741659903
5	0.1%	.16688214071042	.16688214071042
1	0.0%	.18981375960679	.18981375960679
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc12y5</b>		Num 8	PE scope in Chemical properties, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
4	0.0%	.00132538618202	.00132538618202
2	0.0%	.00154492187665	.00154492187665
1	0.0%	.00210114242973	.00210114242973
1	0.0%	.00283158876326	.00283158876326
95	1.1%	.00290735810743-.1965902763662	NOTE: Range of values omitted from display
1	0.0%	.20792022171398	.20792022171398
2	0.0%	.20802070434559	.20802070434559
1	0.0%	.30554764545382	.30554764545382
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc13y5</b>		Num 8	PE scope in Structure of matter & physical changes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6	0.1%	0	0
4	0.0%	.00176718157602	.00176718157602
1	0.0%	.00182813629693	.00182813629693
1	0.0%	.00375047999122	.00375047999122
1	0.0%	.00449395421517	.00449395421517
111	1.3%	.00457665010854-.34039297882232	NOTE: Range of values omitted from display
1	0.0%	.3470837336545	.3470837336545

1	0.0%	.3643469323812	.3643469323812
1	0.0%	.41020022657127	.41020022657127
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc14y5</b>		Num 8	PE scope in Forces, energy, & transformations energy, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7	0.1%	0	0
1	0.0%	.00152097759724	.00152097759724
1	0.0%	.00162077005651	.00162077005651
4	0.0%	.00245441885559	.00245441885559
1	0.0%	.00357543119492	.00357543119492
107	1.2%	.00357653117595-.21802280346341	NOTE: Range of values omitted from display
1	0.0%	.24107090838469	.24107090838469
4	0.0%	.40304728172883	.40304728172883
1	0.0%	.40424705852525	.40424705852525
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc15y5</b>		Num 8	PE scope in Light, sound, heat, electricity, & magnetism, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4	0.0%	0	0
2	0.0%	.00142983128987	.00142983128987
1	0.0%	.00328283812284	.00328283812284
3	0.0%	.00338150616298	.00338150616298
1	0.0%	.00347310064289	.00347310064289
110	1.3%	.00382883542995-.30016328836368	NOTE: Range of values omitted from display
1	0.0%	.36639959715986	.36639959715986
4	0.0%	.7229003791334	.7229003791334
1	0.0%	.7335593727388	.7335593727388
8583	97.7%	9991	Student did not take course in specified subject in given year



73	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etsc16y5</b>			
		Num 8	PE scope in Matter & transformations of matter, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
30	0.3%	0	0
1	0.0%	.00013882451593	.00013882451593
4	0.0%	.00088359078801	.00088359078801
1	0.0%	.00090835626312	.00090835626312
1	0.0%	.00097925628164	.00097925628164
82	0.9%	.00105319400325-.10509780850942	NOTE: Range of values omitted from display
5	0.1%	.10725593822873	.10725593822873
1	0.0%	.14972493320032	.14972493320032
2	0.0%	.14973140078707	.14973140078707
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc17y5</b>			
		Num 8	PE scope in Nuclear physics, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
64	0.7%	0	0
1	0.0%	.00010664577425	.00010664577425
5	0.1%	.00015596550535	.00015596550535
1	0.0%	.0002132915485	.0002132915485
1	0.0%	.00023404188915	.00023404188915
48	0.5%	.0003119310107-.05902337744103	NOTE: Range of values omitted from display
2	0.0%	.06726237508731	.06726237508731
1	0.0%	.07508218593046	.07508218593046
4	0.0%	.11804675488206	.11804675488206
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc18y5</b>			
		Num 8	PE scope in Chemical changes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.

Frequency	Percent	Value	Label
26	0.3%	0	0
1	0.0%	.00367699925202	.00367699925202
1	0.0%	.00411544299318	.00411544299318
4	0.0%	.00441795394007	.00441795394007
2	0.0%	.00500412230097	.00500412230097
85	1.0%	.00583030423793-.34312860673852	NOTE: Range of values omitted from display
2	0.0%	.40220928279307	.40220928279307
5	0.1%	.40738548116814	.40738548116814
1	0.0%	.4125616795432	.4125616795432
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc19y5</b>		Num 8	PE scope in Motion, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
51	0.6%	0	0
1	0.0%	.00011339191131	.00011339191131
1	0.0%	.00022678382263	.00022678382263
2	0.0%	.00047462162798	.00047462162798
6	0.1%	.00051927392812	.00051927392812
60	0.7%	.00094924325597-.19027355008662	NOTE: Range of values omitted from display
1	0.0%	.21110454353975	.21110454353975
4	0.0%	.41607323155712	.41607323155712
1	0.0%	.45884156039973	.45884156039973
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc20y5</b>		Num 8	PE scope in Science, technology, & math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
1	0.0%	0	0
5	0.1%	.00087870825442	.00087870825442
6	0.1%	.00181709881714	.00181709881714

1	0.0%	.00193468172779	.00193468172779
4	0.0%	.00282749052164	.00282749052164
107	1.2%	.00288383250725-.06128261913312	NOTE: Range of values omitted from display
1	0.0%	.06888811290234	.06888811290234
1	0.0%	.08105923179994	.08105923179994
1	0.0%	.08563095605961	.08563095605961
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc21y5</b>		Num 8	PE scope in History of science & technology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
1	0.0%	.00015380592116	.00015380592116
1	0.0%	.00035627716156	.00035627716156
3	0.0%	.00045008473234	.00045008473234
1	0.0%	.00049834887928	.00049834887928
97	1.1%	.00071255432313-.02977332302549	NOTE: Range of values omitted from display
1	0.0%	.03189554252998	.03189554252998
1	0.0%	.03290305872218	.03290305872218
2	0.0%	.03921857788682	.03921857788682
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc22y5</b>		Num 8	PE scope in Environments & resources ext, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
23	0.3%	0	0
3	0.0%	.00045008473234	.00045008473234
1	0.0%	.00055697925382	.00055697925382
1	0.0%	.000735270154	.000735270154
5	0.1%	.00112841232298	.00112841232298
87	1.0%	.00147054030801-.23535786141821	NOTE: Range of values omitted from display
1	0.0%	.36644987660001	.36644987660001

5	0.1%	.37259103714053	.37259103714053
1	0.0%	.38413994315629	.38413994315629
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc23y5</b>		Num 8	PE scope in Nature of science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
1	0.0%	.00049022278976	.00049022278976
2	0.0%	.00070614317773	.00070614317773
2	0.0%	.00098044557953	.00098044557953
3	0.0%	.00109194469846	.00109194469846
96	1.1%	.00141228635547-.04396852921368	NOTE: Range of values omitted from display
1	0.0%	.0463830224722	.0463830224722
2	0.0%	.04804868864535	.04804868864535
2	0.0%	.04881867256387	.04881867256387
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc24y5</b>		Num 8	PE scope in Science & other disciplines, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	0	0
4	0.0%	.00031344053807	.00031344053807
1	0.0%	.00073240154345	.00073240154345
1	0.0%	.0008626458184	.0008626458184
1	0.0%	.00129742938159	.00129742938159
88	1.0%	.00131621315492-.10873709951359	NOTE: Range of values omitted from display
1	0.0%	.11210850930589	.11210850930589
1	0.0%	.11320384075205	.11320384075205
5	0.1%	.17218999516041	.17218999516041
8583	97.7%	9991	Student did not take course in specified subject in given year

73	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etsc25y5</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Understanding, year 5
119	1.4%	0	0
2	0.0%	.0000765677172	.0000765677172
1	0.0%	.00015313543441	.00015313543441
1	0.0%	.00082393376737	.00082393376737
4	0.0%	.00164786753475	.00164786753475
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc26y5</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Analyzing & solving problems, year 5
114	1.3%	0	0
1	0.0%	.000134859739	.000134859739
1	0.0%	.00015800562778	.00015800562778
1	0.0%	.00016108186308	.00016108186308
1	0.0%	.000269719478	.000269719478
1	0.0%	.00045771913331	.00045771913331
2	0.0%	.0017335742365	.0017335742365
2	0.0%	.0018111560269	.0018111560269
4	0.0%	.003467148473	.003467148473
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc27y5</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Using tools & procedures, year 5
118	1.3%	0	0
2	0.0%	.00008041088448	.00008041088448
1	0.0%	.00016082176896	.00016082176896
3	0.0%	.00157082444971	.00157082444971
1	0.0%	.0026704701274	.0026704701274
1	0.0%	.00295172186122	.00295172186122

1	0.0%	.0053409402548	.0053409402548
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc28y5</b>		Num 8	PE scope in Investigating, year 5
Frequency	Percent	Value	Label
125	1.4%	0	0
2	0.0%	.00229413096741	.00229413096741
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsc29y5</b>		Num 2	PE scope in Communicating, year 5
Frequency	Percent	Value	Label
127	1.4%	0	0
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd1y5</b>		Num 8	IGP*PE scope in Earth features, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
47	0.5%	0	0
5	0.1%	.00068668248538	.00068668248538
1	0.0%	.00069159152481	.00069159152481
1	0.0%	.00094121808519	.00094121808519
2	0.0%	.00137336497076	.00137336497076
67	0.8%	.00141598333964-.20207617539956	NOTE: Range of values omitted from display
1	0.0%	.20864856421345	.20864856421345
1	0.0%	.22588604835653	.22588604835653
2	0.0%	.23588142176494	.23588142176494
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd2y5</b>		Num 8	IGP*PE scope in Earth process, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label

26	0.3%	0	0
1	0.0%	.00005447308611	.00005447308611
1	0.0%	.00026236215669	.00026236215669
1	0.0%	.00066208059504	.00066208059504
5	0.1%	.00076485029618	.00076485029618
84	1.0%	.00090507560322-.15597905959372	NOTE: Range of values omitted from display
6	0.1%	.21010005843524	.21010005843524
2	0.0%	.22877249263813	.22877249263813
1	0.0%	.25583330068658	.25583330068658
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd3y5</b>		Num 8	IGP*PE scope in Earth and the universe, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
71	0.8%	0	0
1	0.0%	.00012786017137	.00012786017137
1	0.0%	.00015863824954	.00015863824954
2	0.0%	.00020870646298	.00020870646298
1	0.0%	.00031727649908	.00031727649908
47	0.5%	.00033410997413-.08429509800768	NOTE: Range of values omitted from display
1	0.0%	.10634069489644	.10634069489644
1	0.0%	.10664628144411	.10664628144411
2	0.0%	.12353923069639	.12353923069639
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd4y5</b>		Num 8	IGP*PE scope in Plants, animals, and their life cycles, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
23	0.3%	0	0
1	0.0%	.00008527702127	.00008527702127
1	0.0%	.00019788586555	.00019788586555
5	0.1%	.00028571466066	.00028571466066

1	0.0%	.00047443823334	.00047443823334
90	1.0%	.00050954384455-.25707325463089	NOTE: Range of values omitted from display
1	0.0%	.25759832232713	.25759832232713
4	0.0%	.26720943909004	.26720943909004
1	0.0%	.28636200698791	.28636200698791
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd5y5</b>		Num 8	IGP*PE scope in Organs, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
49	0.6%	0	0
5	0.1%	.00017818530133	.00017818530133
2	0.0%	.00035637060267	.00035637060267
1	0.0%	.00048105194091	.00048105194091
1	0.0%	.00059102744704	.00059102744704
64	0.7%	.0006718179259-.23124640640605	NOTE: Range of values omitted from display
1	0.0%	.34302672421858	.34302672421858
1	0.0%	.40620388491864	.40620388491864
3	0.0%	.46249281281211	.46249281281211
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd6y5</b>		Num 8	IGP*PE scope in Biochemistry/microbiology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
45	0.5%	0	0
1	0.0%	.00003387772963	.00003387772963
1	0.0%	.00049718454589	.00049718454589
1	0.0%	.00058741911921	.00058741911921
3	0.0%	.00064824294589	.00064824294589
72	0.8%	.00141983396706-.21322161609495	NOTE: Range of values omitted from display
2	0.0%	.21620579697847	.21620579697847
1	0.0%	.21997924778768	.21997924778768



1	0.0%	.29222374856293	.29222374856293
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd7y5</b>		Num 8	IGP*PE scope in Biosystems, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
28	0.3%	0	0
5	0.1%	.00126957027201	.00126957027201
2	0.0%	.00136930353515	.00136930353515
1	0.0%	.00152333114624	.00152333114624
1	0.0%	.00196573134842	.00196573134842
87	1.0%	.00245206240709-.21181310292692	NOTE: Range of values omitted from display
1	0.0%	.22680354658872	.22680354658872
1	0.0%	.24525791852196	.24525791852196
1	0.0%	.2858521946154	.2858521946154
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd8y5</b>		Num 8	IGP*PE scope in Evolution, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
54	0.6%	0	0
1	0.0%	.00022089239167	.00022089239167
1	0.0%	.00094733013625	.00094733013625
3	0.0%	.00189466027251	.00189466027251
6	0.1%	.00239376075867	.00239376075867
58	0.7%	.00300694641135-.0973413003789	NOTE: Range of values omitted from display
1	0.0%	.10155945783754	.10155945783754
2	0.0%	.10498749773829	.10498749773829
1	0.0%	.10732102514717	.10732102514717
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd9y5</b>		Num 8	IGP*PE scope in Environments & ecology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
42	0.5%	0	0
1	0.0%	.00006909099578	.00006909099578
1	0.0%	.00013818199156	.00013818199156
1	0.0%	.00023971268763	.00023971268763
1	0.0%	.00032805423366	.00032805423366
74	0.8%	.00068997745356-.11198502544806	NOTE: Range of values omitted from display
1	0.0%	.14979155686643	.14979155686643
1	0.0%	.15004268777405	.15004268777405
5	0.1%	.18810035010003	.18810035010003
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd10y5</b>		Num 8	IGP*PE scope in Nutrition & disease, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
37	0.4%	0	0
1	0.0%	.0003936725665	.0003936725665
1	0.0%	.00065872550922	.00065872550922
1	0.0%	.00134466443405	.00134466443405
2	0.0%	.0017872180892	.0017872180892
79	0.9%	.00242545200828-.13828603201669	NOTE: Range of values omitted from display
3	0.0%	.2004092874299	.2004092874299
2	0.0%	.22585211256877	.22585211256877
1	0.0%	.33355865105216	.33355865105216
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd11y5</b>		Num 8	IGP*PE scope in Matter, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6	0.1%	0	0

1	0.0%	.00055939931056	.00055939931056
1	0.0%	.00074018862448	.00074018862448
1	0.0%	.00141587463064	.00141587463064
1	0.0%	.00178439913789	.00178439913789
110	1.3%	.00209727840081-.13371541838232	NOTE: Range of values omitted from display
1	0.0%	.13569144642281	.13569144642281
5	0.1%	.15837018760614	.15837018760614
1	0.0%	.17819283745107	.17819283745107
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd12y5</b>		Num 8	IGP*PE scope in Chemical properties, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
4	0.0%	.00175666766284	.00175666766284
2	0.0%	.0020339520005	.0020339520005
1	0.0%	.00272278248526	.00272278248526
1	0.0%	.00276278647904	.00276278647904
95	1.1%	.00318859175295-.20293127239563	NOTE: Range of values omitted from display
2	0.0%	.21520578763406	.21520578763406
1	0.0%	.21909755789728	.21909755789728
1	0.0%	.31937990855901	.31937990855901
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd13y5</b>		Num 8	IGP*PE scope in Structure of matter & physical changes, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
6	0.1%	0	0
4	0.0%	.00204153268925	.00204153268925
1	0.0%	.00214415701676	.00214415701676
1	0.0%	.00419069098483	.00419069098483
1	0.0%	.00555304865523	.00555304865523

111	1.3%	.00576324357465-.34773201407389	NOTE: Range of values omitted from display
1	0.0%	.3489777891253	.3489777891253
1	0.0%	.3771419897834	.3771419897834
1	0.0%	.41825593954121	.41825593954121
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd14y5</b>		Num 8	IGP*PE scope in Forces, energy, & transformations energy, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
7	0.1%	0	0
1	0.0%	.00175488538624	.00175488538624
1	0.0%	.00180314304442	.00180314304442
1	0.0%	.00183270619834	.00183270619834
4	0.0%	.00277479636834	.00277479636834
107	1.2%	.00390002890454-.23182988868346	NOTE: Range of values omitted from display
1	0.0%	.26004987742754	.26004987742754
4	0.0%	.39637721747212	.39637721747212
1	0.0%	.40633205290516	.40633205290516
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd15y5</b>		Num 8	IGP*PE scope in Light, sound, heat, electricity, & magnetism, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
4	0.0%	0	0
2	0.0%	.00154570593793	.00154570593793
1	0.0%	.00286354221759	.00286354221759
4	0.0%	.00326296367241	.00326296367241
1	0.0%	.00334872263236	.00334872263236
109	1.2%	.00353407751198-.30278174148946	NOTE: Range of values omitted from display
1	0.0%	.35595307524697	.35595307524697
1	0.0%	.69592512047453	.69592512047453
4	0.0%	.7007283557212	.7007283557212

8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd16y5</b>		Num 8	IGP*PE scope in Matter & transformations of matter, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
30	0.3%	0	0
1	0.0%	.00017165042016	.00017165042016
1	0.0%	.00116204157855	.00116204157855
4	0.0%	.00117111177523	.00117111177523
1	0.0%	.00118527036934	.00118527036934
82	0.9%	.00128286385342-.11179809511881	NOTE: Range of values omitted from display
5	0.1%	.12016904712055	.12016904712055
1	0.0%	.1557571194805	.1557571194805
2	0.0%	.15976468840599	.15976468840599
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd17y5</b>		Num 8	IGP*PE scope in Nuclear physics, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
65	0.7%	0	0
1	0.0%	.00014626566594	.00014626566594
5	0.1%	.00020481625669	.00020481625669
1	0.0%	.00029253133188	.00029253133188
1	0.0%	.00036357267407	.00036357267407
47	0.5%	.00040963251339-.06369273720098	NOTE: Range of values omitted from display
1	0.0%	.08228490298066	.08228490298066
2	0.0%	.09787590169068	.09787590169068
4	0.0%	.12738547440197	.12738547440197
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd18y5</b>		Num 8	IGP*PE scope in Chemical changes, year 5
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			NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
26	0.3%	0	0
1	0.0%	.0044061243596	.0044061243596
1	0.0%	.00571681782511	.00571681782511
4	0.0%	.00629868225057	.00629868225057
2	0.0%	.00699461164958	.00699461164958
85	1.0%	.00754206287196-.39220505827679	NOTE: Range of values omitted from display
2	0.0%	.4679225284749	.4679225284749
5	0.1%	.47055139024417	.47055139024417
1	0.0%	.47318025201344	.47318025201344
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd19y5</b>			Num 8	IGP*PE scope in Motion, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
51	0.6%	0	0	
1	0.0%	.00012943720783	.00012943720783	
1	0.0%	.00025887441566	.00025887441566	
6	0.1%	.000537467783	.000537467783	
2	0.0%	.00055268530801	.00055268530801	
60	0.7%	.001074935566-.19730804544762	NOTE: Range of values omitted from display	
1	0.0%	.1997214024741	.1997214024741	
4	0.0%	.39261078604087	.39261078604087	
1	0.0%	.45247971560966	.45247971560966	
8583	97.7%	9991	Student did not take course in specified subject in given year	
73	0.8%	9992	Student took course, but curriculum information not available for this course	

<b>etsd20y5</b>			Num 8	IGP*PE scope in Science, technology, & math, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label	
1	0.0%	0	0	
5	0.1%	.00084473124677	.00084473124677	

6	0.1%	.00129267233227	.00129267233227
1	0.0%	.0022135824377	.0022135824377
1	0.0%	.00266222180919	.00266222180919
110	1.3%	.00277612633183-.06565520417705	NOTE: Range of values omitted from display
1	0.0%	.07748425953105	.07748425953105
1	0.0%	.07939224083329	.07939224083329
1	0.0%	.09524485445422	.09524485445422
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd21y5</b>		Num 8	IGP*PE scope in History of science & technology, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
20	0.2%	0	0
1	0.0%	.0001044614266	.0001044614266
1	0.0%	.0002867237748	.0002867237748
1	0.0%	.0004664827023	.0004664827023
1	0.0%	.00057344754961	.00057344754961
79	0.9%	.00062144856938-.02706006100643	NOTE: Range of values omitted from display
5	0.1%	.02949132419246	.02949132419246
2	0.0%	.03537344014449	.03537344014449
17	0.2%	.03941314578153	.03941314578153
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd22y5</b>		Num 8	IGP*PE scope in Environments & resources, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
24	0.3%	0	0
3	0.0%	.00040924661886	.00040924661886
1	0.0%	.00061370002466	.00061370002466
5	0.1%	.00085724750181	.00085724750181
1	0.0%	.00122740004933	.00122740004933
86	1.0%	.0015484159829-.24197037227987	NOTE: Range of values omitted from display

1	0.0%	.35390478075377	.35390478075377
5	0.1%	.38591505545438	.38591505545438
1	0.0%	.39429296182479	.39429296182479
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd23y5</b>		Num 8	IGP*PE scope in Nature of science, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
18	0.2%	0	0
1	0.0%	.00039768509106	.00039768509106
2	0.0%	.00062671181162	.00062671181162
2	0.0%	.00079537018212	.00079537018212
3	0.0%	.00113995942239	.00113995942239
96	1.1%	.00125342362325-.04110659164108	NOTE: Range of values omitted from display
2	0.0%	.04179852362985	.04179852362985
1	0.0%	.04734285727065	.04734285727065
2	0.0%	.04963014339847	.04963014339847
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd24y5</b>		Num 8	IGP*PE scope in Science & other disciplines, year 5 NOTE: Smallest 5 and largest 5 values are displayed.
Frequency	Percent	Value	Label
25	0.3%	0	0
4	0.0%	.00027467179384	.00027467179384
1	0.0%	.00052019996476	.00052019996476
1	0.0%	.0006796685413	.0006796685413
1	0.0%	.00135933708261	.00135933708261
88	1.0%	.00148963251373-.10747227406695	NOTE: Range of values omitted from display
1	0.0%	.10776218353264	.10776218353264
1	0.0%	.12490939822245	.12490939822245
5	0.1%	.17870151467164	.17870151467164
8583	97.7%	9991	Student did not take course in specified subject in given year



73	0.8%	9992	Student took course, but curriculum information not available for this course
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<b>etsd25y5</b>			
Frequency	Percent	Value	Label
		Num 8	IGP*PE scope in Understanding, year 5
124	1.4%	0	0
2	0.0%	.00006877868751	.00006877868751
1	0.0%	.00013755737502	.00013755737502
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd26y5</b>			
Frequency	Percent	Value	Label
		Num 2	IGP*PE scope in Analyzing & solving problems, year 5
127	1.4%	0	0
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd27y5</b>			
Frequency	Percent	Value	Label
		Num 8	IGP*PE scope in Using tools & procedures, year 5
122	1.4%	0	0
2	0.0%	.00010834634944	.00010834634944
1	0.0%	.00021669269888	.00021669269888
1	0.0%	.00181192420804	.00181192420804
1	0.0%	.00362384841608	.00362384841608
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd28y5</b>			
Frequency	Percent	Value	Label
		Num 2	IGP*PE scope in Investigating, year 5
127	1.4%	0	0
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsd29y5</b>			
Frequency	Percent	Value	Label
		Num 2	IGP*PE scope in Communicating, year 5

127	1.4%	0	0
8583	97.7%	9991	Student did not take course in specified subject in given year
73	0.8%	9992	Student took course, but curriculum information not available for this course

<b>etsaly6</b>		Num 8	Unweighted scope in Earth features, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00114455764439	.00114455764439
1	0.0%	.00287596333918	.00287596333918
1	0.0%	.00355299764557	.00355299764557
2	0.0%	.00395921439281	.00395921439281
1	0.0%	.00545306076839	.00545306076839
1	0.0%	.00597382652076	.00597382652076
1	0.0%	.00827604181536	.00827604181536
1	0.0%	.01436851700222	.01436851700222
1	0.0%	.07338001647381	.07338001647381
2	0.0%	.24508533940272	.24508533940272
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa2y6</b>		Num 8	Unweighted scope in Earth process, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00145530390574	.00145530390574
1	0.0%	.00375311083314	.00375311083314
1	0.0%	.00567344312974	.00567344312974
2	0.0%	.00595252345899	.00595252345899
1	0.0%	.0119935555345	.0119935555345
1	0.0%	.01528033050127	.01528033050127
1	0.0%	.01971106576662	.01971106576662
1	0.0%	.02539658783916	.02539658783916
1	0.0%	.03210363828374	.03210363828374
2	0.0%	.05540269814973	.05540269814973
2	0.0%	.25310422623787	.25310422623787

8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa3y6</b>			
		Num 8	Unweighted scope in Earth and the universe, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00008288616973	.00008288616973
1	0.0%	.00063430779448	.00063430779448
1	0.0%	.00082430271018	.00082430271018
1	0.0%	.00155411031845	.00155411031845
1	0.0%	.00244968912789	.00244968912789
2	0.0%	.00302945495511	.00302945495511
1	0.0%	.00314483632854	.00314483632854
1	0.0%	.02111124843642	.02111124843642
2	0.0%	.12810931071805	.12810931071805
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa4y6</b>			
		Num 8	Unweighted scope in Plants, animals, and their life cycles, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00028049189443	.00028049189443
1	0.0%	.00084444993745	.00084444993745
2	0.0%	.00116714891579	.00116714891579
1	0.0%	.0013377899262	.0013377899262
2	0.0%	.02130742781384	.02130742781384
1	0.0%	.02148465912044	.02148465912044
2	0.0%	.16207368889659	.16207368889659
1	0.0%	.16425360223072	.16425360223072
1	0.0%	.25439486393264	.25439486393264
1	0.0%	.35179468305323	.35179468305323
1	0.0%	.39450030151802	.39450030151802
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa5y6</b>		Num 8	Unweighted scope in Organs, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00084444993745	.00084444993745
1	0.0%	.00682115851388	.00682115851388
2	0.0%	.00988760814463	.00988760814463
1	0.0%	.06927402166081	.06927402166081
1	0.0%	.10420208578744	.10420208578744
1	0.0%	.12503121180485	.12503121180485
1	0.0%	.15217331905619	.15217331905619
2	0.0%	.20941138466553	.20941138466553
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa6y6</b>		Num 8	Unweighted scope in Biochemistry/microbiology, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00080009278622	.00080009278622
2	0.0%	.00109420210856	.00109420210856
1	0.0%	.00441082998411	.00441082998411
1	0.0%	.06668960275064	.06668960275064
1	0.0%	.08851028586425	.08851028586425
1	0.0%	.10460452276526	.10460452276526
2	0.0%	.1065878035124	.1065878035124
1	0.0%	.18340914769462	.18340914769462
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa7y6</b>		Num 8	Unweighted scope in Biosystems, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00056389799037	.00056389799037
1	0.0%	.00206421095822	.00206421095822

2	0.0%	.00338959765649	.00338959765649
1	0.0%	.00998097787251	.00998097787251
1	0.0%	.01159565526841	.01159565526841
2	0.0%	.01325974009737	.01325974009737
1	0.0%	.09979154895166	.09979154895166
1	0.0%	.12389256644061	.12389256644061
1	0.0%	.17271709991984	.17271709991984
2	0.0%	.21907358194795	.21907358194795
1	0.0%	.25933572145039	.25933572145039
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa8y6</b>		Num 8	Unweighted scope in Evolution, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00725459264451	.00725459264451
2	0.0%	.01624031604047	.01624031604047
2	0.0%	.0199150239295	.0199150239295
1	0.0%	.02799672370915	.02799672370915
1	0.0%	.029844824345	.029844824345
1	0.0%	.03568050944018	.03568050944018
1	0.0%	.04208234116959	.04208234116959
1	0.0%	.0890181464635	.0890181464635
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa9y6</b>		Num 8	Unweighted scope in Environments & ecology, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
2	0.0%	.00078915182375	.00078915182375
1	0.0%	.00776781511214	.00776781511214
2	0.0%	.01679412492221	.01679412492221
1	0.0%	.05503962276971	.05503962276971
1	0.0%	.05848491228671	.05848491228671

1	0.0%	.09405880895974	.09405880895974
1	0.0%	.0956155322595	.0956155322595
2	0.0%	.11580078972874	.11580078972874
1	0.0%	.15192594089408	.15192594089408
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa10y6</b>			
		Num 8	Unweighted scope in Nutrition & disease, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00154815821867	.00154815821867
1	0.0%	.00310754489307	.00310754489307
2	0.0%	.00437644001602	.00437644001602
2	0.0%	.00451465843611	.00451465843611
1	0.0%	.01340865661445	.01340865661445
1	0.0%	.01518731290238	.01518731290238
1	0.0%	.0654673611501	.0654673611501
2	0.0%	.10399236179727	.10399236179727
1	0.0%	.13467018880776	.13467018880776
1	0.0%	.14212575559726	.14212575559726
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa11y6</b>			
		Num 8	Unweighted scope in Matter, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00316360829052	.00316360829052
1	0.0%	.00574528797955	.00574528797955
1	0.0%	.00956852189736	.00956852189736
2	0.0%	.01796844264315	.01796844264315
1	0.0%	.02072770506599	.02072770506599
2	0.0%	.03094170451707	.03094170451707
2	0.0%	.05575760139706	.05575760139706
1	0.0%	.06376603069087	.06376603069087

1	0.0%	.06805314494084	.06805314494084
1	0.0%	.08200388625535	.08200388625535
1	0.0%	.09391431756483	.09391431756483
1	0.0%	.09887606030736	.09887606030736
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa12y6</b>			
		Num 8	Unweighted scope in Chemical properties, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00168856268776	.00168856268776
1	0.0%	.00456475867618	.00456475867618
2	0.0%	.00748109708682	.00748109708682
1	0.0%	.00772907216238	.00772907216238
2	0.0%	.00898422132157	.00898422132157
1	0.0%	.0369616313234	.0369616313234
1	0.0%	.04588177993516	.04588177993516
1	0.0%	.05291890855012	.05291890855012
1	0.0%	.06661002891789	.06661002891789
2	0.0%	.07224761353166	.07224761353166
1	0.0%	.20285113992049	.20285113992049
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa13y6</b>			
		Num 8	Unweighted scope in Structure of matter & physical changes, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00225141691702	.00225141691702
1	0.0%	.00773326471016	.00773326471016
1	0.0%	.0079672446622	.0079672446622
2	0.0%	.01048579108784	.01048579108784
2	0.0%	.01227843580615	.01227843580615
1	0.0%	.04738784697769	.04738784697769
1	0.0%	.06897649058159	.06897649058159

1	0.0%	.08160132319319	.08160132319319
1	0.0%	.10854354523712	.10854354523712
1	0.0%	.11613927433228	.11613927433228
2	0.0%	.13376633511613	.13376633511613
1	0.0%	.42686281879431	.42686281879431
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa14y6</b>		Num 8	Unweighted scope in Forces, energy, & transformations energy, year 6
Frequency	Percent	Value	Label
1	0.0%	.00204099234143	.00204099234143
1	0.0%	.00312696794031	.00312696794031
1	0.0%	.00540793305629	.00540793305629
2	0.0%	.00898422132157	.00898422132157
1	0.0%	.02579225762229	.02579225762229
2	0.0%	.03491561107788	.03491561107788
1	0.0%	.07721988581474	.07721988581474
1	0.0%	.10080052212289	.10080052212289
1	0.0%	.14157210309632	.14157210309632
1	0.0%	.15096041756834	.15096041756834
1	0.0%	.17913905850551	.17913905850551
2	0.0%	.21709456301021	.21709456301021
1	0.0%	.2878697664499	.2878697664499
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa15y6</b>		Num 8	Unweighted scope in Light, sound, heat, electricity, & magnetism, year 6
Frequency	Percent	Value	Label
1	0.0%	.00360757490238	.00360757490238
1	0.0%	.00706039580275	.00706039580275
1	0.0%	.01015282989367	.01015282989367
2	0.0%	.01357351161735	.01357351161735
1	0.0%	.01743498978937	.01743498978937
2	0.0%	.01751923157707	.01751923157707



1	0.0%	.0501008404071	.0501008404071
1	0.0%	.10473788369173	.10473788369173
1	0.0%	.1403549720964	.1403549720964
1	0.0%	.19513631495562	.19513631495562
2	0.0%	.22609396141797	.22609396141797
1	0.0%	.29223991351169	.29223991351169
1	0.0%	.32535439646489	.32535439646489
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa16y6</b>			
		Num 8	Unweighted scope in Matter & transformations of matter, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00099840643448	.00099840643448
1	0.0%	.00105453609684	.00105453609684
1	0.0%	.00112570845851	.00112570845851
2	0.0%	.01273893628027	.01273893628027
1	0.0%	.03006280431738	.03006280431738
2	0.0%	.03109354054402	.03109354054402
1	0.0%	.03538629078825	.03538629078825
1	0.0%	.03798078882877	.03798078882877
1	0.0%	.05345223516628	.05345223516628
1	0.0%	.0578051889287	.0578051889287
1	0.0%	.09441049674586	.09441049674586
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa17y6</b>			
		Num 8	Unweighted scope in Nuclear physics, year 6
Frequency	Percent	Value	Label
8	0.1%	0	0
1	0.0%	.00056798888703	.00056798888703
1	0.0%	.00251259059358	.00251259059358
1	0.0%	.00320890976233	.00320890976233
1	0.0%	.00643728897736	.00643728897736

2	0.0%	.00929992116317	.00929992116317
1	0.0%	.03257466681041	.03257466681041
1	0.0%	.04083373873457	.04083373873457
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa18y6</b>			
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00562854229256	.00562854229256
1	0.0%	.00686805995961	.00686805995961
2	0.0%	.00855388530032	.00855388530032
1	0.0%	.0111780969119	.0111780969119
1	0.0%	.0245956706531	.0245956706531
1	0.0%	.03374610814407	.03374610814407
1	0.0%	.06060803856604	.06060803856604
2	0.0%	.07655614606095	.07655614606095
1	0.0%	.08040550935727	.08040550935727
1	0.0%	.08260236073339	.08260236073339
1	0.0%	.39340860621124	.39340860621124
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa19y6</b>			
Frequency	Percent	Value	Label
6	0.1%	0	0
2	0.0%	.00030317636257	.00030317636257
1	0.0%	.00178549297914	.00178549297914
1	0.0%	.03707694636476	.03707694636476
1	0.0%	.04738633785808	.04738633785808
1	0.0%	.08052384590481	.08052384590481
2	0.0%	.08686457174624	.08686457174624
1	0.0%	.12571279998501	.12571279998501
1	0.0%	.13884505421926	.13884505421926

8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa20y6</b>			
		Num 8	Unweighted scope in Science, technology, & math, year 6
Frequency	Percent	Value	Label
1	0.0%	.00128923369473	.00128923369473
1	0.0%	.00360226706724	.00360226706724
1	0.0%	.0048691349064	.0048691349064
1	0.0%	.00776362628549	.00776362628549
2	0.0%	.00848509791482	.00848509791482
1	0.0%	.00915873302385	.00915873302385
1	0.0%	.02685174549327	.02685174549327
1	0.0%	.03060972622474	.03060972622474
2	0.0%	.03345571490605	.03345571490605
1	0.0%	.03606796067191	.03606796067191
1	0.0%	.03928966821801	.03928966821801
2	0.0%	.06911321907312	.06911321907312
1	0.0%	.08015550422977	.08015550422977
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa21y6</b>			
		Num 8	Unweighted scope in History of science & technology, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00271883749439	.00271883749439
2	0.0%	.00294747389243	.00294747389243
1	0.0%	.00416595302478	.00416595302478
1	0.0%	.00896027656395	.00896027656395
2	0.0%	.00984102574266	.00984102574266
1	0.0%	.01238903119868	.01238903119868
1	0.0%	.01434903176611	.01434903176611
1	0.0%	.0162711744264	.0162711744264
1	0.0%	.02678054466672	.02678054466672
2	0.0%	.03548767422023	.03548767422023

8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa22y6</b>			
		Num 8	Unweighted scope in Environments & resources, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
2	0.0%	.00202924754678	.00202924754678
1	0.0%	.00451381064347	.00451381064347
1	0.0%	.00611472329876	.00611472329876
1	0.0%	.00820992994749	.00820992994749
1	0.0%	.00988630642737	.00988630642737
1	0.0%	.01261913289653	.01261913289653
1	0.0%	.02170115750577	.02170115750577
1	0.0%	.02485234968	.02485234968
1	0.0%	.03297059375365	.03297059375365
2	0.0%	.03803320359468	.03803320359468
2	0.0%	.08362282575038	.08362282575038
1	0.0%	.29721450819041	.29721450819041
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa23y6</b>			
		Num 8	Unweighted scope in Nature of science, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00195966304685	.00195966304685
1	0.0%	.00504342593092	.00504342593092
1	0.0%	.00829412830908	.00829412830908
1	0.0%	.00911258028424	.00911258028424
1	0.0%	.01242876771584	.01242876771584
1	0.0%	.01269618924949	.01269618924949
1	0.0%	.01665731053949	.01665731053949
2	0.0%	.02645354055798	.02645354055798
2	0.0%	.02999849061483	.02999849061483
1	0.0%	.04026860385048	.04026860385048

8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa24y6</b>			
		Num 8	Unweighted scope in Science & other disciplines, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00388484838835	.00388484838835
1	0.0%	.00396678218714	.00396678218714
1	0.0%	.0066121726334	.0066121726334
1	0.0%	.02800911917322	.02800911917322
2	0.0%	.03660019099445	.03660019099445
1	0.0%	.03701482679614	.03701482679614
1	0.0%	.04961531238945	.04961531238945
2	0.0%	.0524029819219	.0524029819219
1	0.0%	.05295047219676	.05295047219676
1	0.0%	.06521641374728	.06521641374728
1	0.0%	.08994376274081	.08994376274081
1	0.0%	.1699219837282	.1699219837282
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa25y6</b>			
		Num 8	Unweighted scope in Understanding, year 6
Frequency	Percent	Value	Label
13	0.1%	0	0
1	0.0%	.0005508274373	.0005508274373
2	0.0%	.00104813044083	.00104813044083
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa26y6</b>			
		Num 8	Unweighted scope in Analyzing & solving problems, year 6
Frequency	Percent	Value	Label
15	0.2%	0	0
1	0.0%	.00250995928688	.00250995928688
8754	99.7%	9991	Student did not take course in specified subject in given year

13	0.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsa27y6</b>			
Frequency	Percent	Value	Label
		Num 8	Unweighted scope in Using tools & procedures, year 6
11	0.1%	0	0
1	0.0%	.00040871676046	.00040871676046
1	0.0%	.00071487871092	.00071487871092
2	0.0%	.00178719677731	.00178719677731
1	0.0%	.00531674891608	.00531674891608
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa28y6</b>			
Frequency	Percent	Value	Label
		Num 2	Unweighted scope in Investigating, year 6
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsa29y6</b>			
Frequency	Percent	Value	Label
		Num 2	Unweighted scope in Communicating, year 6
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb1y6</b>			
Frequency	Percent	Value	Label
		Num 8	IGP scope in Earth features, year 6
4	0.0%	0	0
1	0.0%	.00105535484589	.00105535484589
1	0.0%	.0028312513892	.0028312513892
1	0.0%	.00314096239789	.00314096239789
2	0.0%	.0033584165623	.0033584165623
1	0.0%	.0050327978192	.0050327978192
1	0.0%	.00509805613034	.00509805613034
1	0.0%	.00718774606464	.00718774606464
1	0.0%	.0121430483733	.0121430483733

1	0.0%	.07106617226538	.07106617226538
2	0.0%	.2276965832109	.2276965832109
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb2y6</b>		Num 8	IGP scope in Earth process, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00108807856603	.00108807856603
1	0.0%	.00371367002906	.00371367002906
1	0.0%	.00599740750905	.00599740750905
2	0.0%	.00645713877737	.00645713877737
1	0.0%	.01139325700822	.01139325700822
1	0.0%	.01416352344853	.01416352344853
1	0.0%	.01794010703651	.01794010703651
1	0.0%	.02468034787999	.02468034787999
1	0.0%	.02501047031548	.02501047031548
2	0.0%	.04762551885459	.04762551885459
2	0.0%	.22313414309193	.22313414309193
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb3y6</b>		Num 8	IGP scope in Earth and the universe, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00006931260246	.00006931260246
1	0.0%	.00074965272456	.00074965272456
1	0.0%	.00112195806622	.00112195806622
1	0.0%	.00158540540607	.00158540540607
1	0.0%	.00263646237472	.00263646237472
1	0.0%	.00286132521322	.00286132521322
2	0.0%	.00298679710817	.00298679710817
1	0.0%	.02357378653338	.02357378653338
2	0.0%	.12010825962959	.12010825962959

8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb4y6</b>			
		Num 8	IGP scope in Plants, animals, and their life cycles, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00026300220719	.00026300220719
1	0.0%	.00066846060523	.00066846060523
1	0.0%	.00103678061793	.00103678061793
2	0.0%	.00138466360977	.00138466360977
1	0.0%	.01561656906654	.01561656906654
2	0.0%	.01765833146882	.01765833146882
1	0.0%	.12113414697886	.12113414697886
2	0.0%	.12201306171153	.12201306171153
1	0.0%	.20253821672361	.20253821672361
1	0.0%	.26376100834051	.26376100834051
1	0.0%	.30766118216567	.30766118216567
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb5y6</b>			
		Num 8	IGP scope in Organs, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00075201818088	.00075201818088
1	0.0%	.00615394778708	.00615394778708
2	0.0%	.00844462609382	.00844462609382
1	0.0%	.05460971216249	.05460971216249
1	0.0%	.0843477745828	.0843477745828
1	0.0%	.10245640496074	.10245640496074
1	0.0%	.12689221767736	.12689221767736
2	0.0%	.18200056081996	.18200056081996
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course



<b>etsb6y6</b>		Num 8	IGP scope in Biochemistry/microbiology, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00107336640107	.00107336640107
2	0.0%	.00143476656933	.00143476656933
1	0.0%	.00552400984926	.00552400984926
1	0.0%	.08869170378831	.08869170378831
1	0.0%	.10885206338155	.10885206338155
2	0.0%	.11152573073554	.11152573073554
1	0.0%	.12273478953393	.12273478953393
1	0.0%	.20631605223366	.20631605223366
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb7y6</b>		Num 8	IGP scope in Biosystems, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00048609683187	.00048609683187
1	0.0%	.00258719012025	.00258719012025
2	0.0%	.00329927764584	.00329927764584
1	0.0%	.01028337063651	.01028337063651
1	0.0%	.01204800699118	.01204800699118
2	0.0%	.01394145905427	.01394145905427
1	0.0%	.09878605249698	.09878605249698
1	0.0%	.14053752927959	.14053752927959
2	0.0%	.15590184804348	.15590184804348
1	0.0%	.17100111771056	.17100111771056
1	0.0%	.24729253806567	.24729253806567
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb8y6</b>		Num 8	IGP scope in Evolution, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0

1	0.0%	.01055484103375	.01055484103375
2	0.0%	.02186882592894	.02186882592894
2	0.0%	.022563146967	.022563146967
1	0.0%	.03609055909379	.03609055909379
1	0.0%	.04049150766548	.04049150766548
1	0.0%	.04280736013166	.04280736013166
1	0.0%	.05651218042855	.05651218042855
1	0.0%	.1102761817868	.1102761817868
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb9y6</b>			
		Num 8	IGP scope in Environments & ecology, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
2	0.0%	.00103477104091	.00103477104091
1	0.0%	.00815983008127	.00815983008127
2	0.0%	.0147962280538	.0147962280538
1	0.0%	.04386225895947	.04386225895947
1	0.0%	.04916924547391	.04916924547391
1	0.0%	.07926278990208	.07926278990208
1	0.0%	.08074555357944	.08074555357944
2	0.0%	.09902362030621	.09902362030621
1	0.0%	.13997654551289	.13997654551289
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb10y6</b>			
		Num 8	IGP scope in Nutrition & disease, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00154581514959	.00154581514959
1	0.0%	.00369462407196	.00369462407196
2	0.0%	.00415393787868	.00415393787868
2	0.0%	.00508954512799	.00508954512799
1	0.0%	.01157795788475	.01157795788475

1	0.0%	.0158345674767	.0158345674767
1	0.0%	.06041375212085	.06041375212085
2	0.0%	.08551177754849	.08551177754849
1	0.0%	.11163231732174	.11163231732174
1	0.0%	.126143838791	.126143838791
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb11y6</b>		Num 8	IGP scope in Matter, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00277804294645	.00277804294645
1	0.0%	.00560057745809	.00560057745809
1	0.0%	.00936677976208	.00936677976208
2	0.0%	.01594672878582	.01594672878582
1	0.0%	.02121501123598	.02121501123598
2	0.0%	.02776305830357	.02776305830357
2	0.0%	.04946554018892	.04946554018892
1	0.0%	.0597613864655	.0597613864655
1	0.0%	.06273278144448	.06273278144448
1	0.0%	.07551994568988	.07551994568988
1	0.0%	.08578606592699	.08578606592699
1	0.0%	.09881260768645	.09881260768645
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb12y6</b>		Num 8	IGP scope in Chemical properties, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00208777621203	.00208777621203
1	0.0%	.00552983241937	.00552983241937
2	0.0%	.00926506121982	.00926506121982
1	0.0%	.00957544739985	.00957544739985
2	0.0%	.01042670728304	.01042670728304

1	0.0%	.04300804956534	.04300804956534
1	0.0%	.04880006245015	.04880006245015
1	0.0%	.06061824345465	.06061824345465
1	0.0%	.07433710501896	.07433710501896
2	0.0%	.08256924978535	.08256924978535
1	0.0%	.22804453208563	.22804453208563
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb13y6</b>			
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00242633451668	.00242633451668
1	0.0%	.00936699096047	.00936699096047
1	0.0%	.00960030081491	.00960030081491
2	0.0%	.01331857035422	.01331857035422
2	0.0%	.01363649756429	.01363649756429
1	0.0%	.0487629554846	.0487629554846
1	0.0%	.07158384539747	.07158384539747
1	0.0%	.09258211849926	.09258211849926
1	0.0%	.12087593386642	.12087593386642
1	0.0%	.12527533169213	.12527533169213
2	0.0%	.15203102292671	.15203102292671
1	0.0%	.475891392687	.475891392687
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb14y6</b>			
Frequency	Percent	Value	Label
1	0.0%	.00222676097134	.00222676097134
1	0.0%	.00329780867125	.00329780867125
1	0.0%	.00624971722371	.00624971722371
2	0.0%	.01134671086683	.01134671086683
1	0.0%	.02995840715235	.02995840715235

2	0.0%	.04118453105513	.04118453105513
1	0.0%	.0862579656168	.0862579656168
1	0.0%	.11089736238733	.11089736238733
1	0.0%	.1536358209158	.1536358209158
1	0.0%	.16067495911508	.16067495911508
1	0.0%	.20049126653096	.20049126653096
2	0.0%	.24047235299302	.24047235299302
1	0.0%	.30915824288464	.30915824288464
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb15y6</b>			
		Num 8	IGP scope in Light, sound, heat, electricity, & magnetism, year 6
Frequency	Percent	Value	Label
1	0.0%	.00355959041208	.00355959041208
1	0.0%	.00606431367499	.00606431367499
1	0.0%	.00874529300645	.00874529300645
2	0.0%	.01582402960292	.01582402960292
2	0.0%	.01831318244859	.01831318244859
1	0.0%	.01847818653443	.01847818653443
1	0.0%	.05615685949278	.05615685949278
1	0.0%	.11323491316274	.11323491316274
1	0.0%	.15657099176463	.15657099176463
1	0.0%	.21295019769554	.21295019769554
2	0.0%	.24618023761096	.24618023761096
1	0.0%	.30488231159346	.30488231159346
1	0.0%	.35255938319576	.35255938319576
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb16y6</b>			
		Num 8	IGP scope in Matter & transformations of matter, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00122698583066	.00122698583066
1	0.0%	.00135340553801	.00135340553801

1	0.0%	.00139185080802	.00139185080802
2	0.0%	.01620309731136	.01620309731136
1	0.0%	.03551190769404	.03551190769404
2	0.0%	.03781700005141	.03781700005141
1	0.0%	.04344128817696	.04344128817696
1	0.0%	.04452678216046	.04452678216046
1	0.0%	.05833181278538	.05833181278538
1	0.0%	.06614291741608	.06614291741608
1	0.0%	.10794532590475	.10794532590475
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb17y6</b>			
		Num 8	IGP scope in Nuclear physics, year 6
Frequency	Percent	Value	Label
8	0.1%	0	0
1	0.0%	.00061012571244	.00061012571244
1	0.0%	.00330588395793	.00330588395793
1	0.0%	.00344814262198	.00344814262198
1	0.0%	.00754696001171	.00754696001171
2	0.0%	.01389713182519	.01389713182519
1	0.0%	.04585908879244	.04585908879244
1	0.0%	.05017654447854	.05017654447854
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb18y6</b>			
		Num 8	IGP scope in Chemical changes, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00748590029178	.00748590029178
1	0.0%	.00987731785486	.00987731785486
2	0.0%	.01191787254028	.01191787254028
1	0.0%	.01420720922091	.01420720922091
1	0.0%	.03058248531938	.03058248531938
1	0.0%	.04024715449997	.04024715449997

1	0.0%	.07386773676537	.07386773676537
2	0.0%	.09767922939804	.09767922939804
1	0.0%	.10283913981825	.10283913981825
1	0.0%	.1044171135564	.1044171135564
1	0.0%	.46431068776217	.46431068776217
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb19y6</b>			
		Num 8	IGP scope in Motion, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
2	0.0%	.00035517685782	.00035517685782
1	0.0%	.00205359751471	.00205359751471
1	0.0%	.04063390062704	.04063390062704
1	0.0%	.05322014355976	.05322014355976
1	0.0%	.09262077329304	.09262077329304
2	0.0%	.0967607637152	.0967607637152
1	0.0%	.12809259111219	.12809259111219
1	0.0%	.15046293858877	.15046293858877
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb20y6</b>			
		Num 8	IGP scope in Science, technology, & math, year 6
Frequency	Percent	Value	Label
1	0.0%	.00126349868447	.00126349868447
1	0.0%	.00463448701481	.00463448701481
1	0.0%	.00576021144166	.00576021144166
1	0.0%	.00941726497417	.00941726497417
2	0.0%	.01042670728304	.01042670728304
1	0.0%	.01198748590809	.01198748590809
1	0.0%	.03148601437386	.03148601437386
1	0.0%	.03511107711741	.03511107711741
2	0.0%	.04072520869512	.04072520869512
1	0.0%	.04199218318437	.04199218318437

1	0.0%	.04217611747641	.04217611747641
2	0.0%	.08186946887471	.08186946887471
1	0.0%	.09748754960905	.09748754960905
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb21y6</b>		Num 8	IGP scope in History of science & technology, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
2	0.0%	.00220849092909	.00220849092909
1	0.0%	.00228518170269	.00228518170269
1	0.0%	.00515828767037	.00515828767037
2	0.0%	.00816026583273	.00816026583273
1	0.0%	.00867378729705	.00867378729705
1	0.0%	.01031922633887	.01031922633887
1	0.0%	.01467119064393	.01467119064393
1	0.0%	.01520010452399	.01520010452399
1	0.0%	.02835623841165	.02835623841165
2	0.0%	.046271069134	.046271069134
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb22y6</b>		Num 8	IGP scope in Environments & resources ext, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
2	0.0%	.00183548672734	.00183548672734
1	0.0%	.00438527094514	.00438527094514
1	0.0%	.00566840456013	.00566840456013
1	0.0%	.00819844237667	.00819844237667
1	0.0%	.00949595043982	.00949595043982
1	0.0%	.01290542906977	.01290542906977
1	0.0%	.02094254796873	.02094254796873
1	0.0%	.02449905225593	.02449905225593
1	0.0%	.03227670938839	.03227670938839



2	0.0%	.03801659253493	.03801659253493
2	0.0%	.08284553724378	.08284553724378
1	0.0%	.31444052012594	.31444052012594
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb23y6</b>		Num 8	IGP scope in Nature of science, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00183747094619	.00183747094619
1	0.0%	.00535428621979	.00535428621979
1	0.0%	.00832942367912	.00832942367912
1	0.0%	.00908726736337	.00908726736337
1	0.0%	.01251312676135	.01251312676135
1	0.0%	.01428612558863	.01428612558863
1	0.0%	.0175679483136	.0175679483136
2	0.0%	.03048789654085	.03048789654085
2	0.0%	.03075053194484	.03075053194484
1	0.0%	.04364207930124	.04364207930124
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb24y6</b>		Num 8	IGP scope in Science & other disciplines, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00361314231394	.00361314231394
1	0.0%	.00530228879246	.00530228879246
1	0.0%	.00937214072821	.00937214072821
2	0.0%	.03325898404019	.03325898404019
1	0.0%	.03332007686672	.03332007686672
1	0.0%	.0380086878418	.0380086878418
1	0.0%	.04704277663622	.04704277663622
1	0.0%	.05425195201879	.05425195201879
2	0.0%	.05466418027509	.05466418027509

1	0.0%	.05915783514555	.05915783514555
1	0.0%	.09194669386903	.09194669386903
1	0.0%	.16641000182866	.16641000182866
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb25y6</b>		Num 2	IGP scope in Understanding, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb26y6</b>		Num 2	IGP scope in Analyzing & solving problems, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb27y6</b>		Num 2	IGP scope in Using tools & procedures, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb28y6</b>		Num 2	IGP scope in Investigating, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsb29y6</b>		Num 2	IGP scope in Communicating, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc1y6</b>		Num 8	PE scope in Earth features, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00148905198896	.00148905198896
2	0.0%	.00251505363928	.00251505363928
1	0.0%	.0028293296137	.0028293296137
1	0.0%	.00291447195032	.00291447195032
1	0.0%	.0035234758664	.0035234758664
1	0.0%	.00453661845104	.00453661845104
1	0.0%	.00649602857114	.00649602857114
1	0.0%	.02023903014708	.02023903014708
1	0.0%	.10485525262335	.10485525262335
2	0.0%	.25382683958786	.25382683958786
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc2y6</b>		Num 8	PE scope in Earth process, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00125281012733	.00125281012733
1	0.0%	.00368716623407	.00368716623407
1	0.0%	.00380336428514	.00380336428514
2	0.0%	.00822906542786	.00822906542786
1	0.0%	.01255407080599	.01255407080599
1	0.0%	.01328019030493	.01328019030493
1	0.0%	.01547160457188	.01547160457188
1	0.0%	.02582206146454	.02582206146454
2	0.0%	.04288407258692	.04288407258692
1	0.0%	.04776814272827	.04776814272827
2	0.0%	.25880280306291	.25880280306291
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc3y6</b>			
		Num 8	PE scope in Earth and the universe, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00024972173753	.00024972173753
1	0.0%	.00054604899061	.00054604899061
1	0.0%	.00135292574212	.00135292574212
1	0.0%	.00154168927592	.00154168927592
1	0.0%	.00246844410619	.00246844410619
1	0.0%	.00257298290439	.00257298290439
2	0.0%	.0027032884532	.0027032884532
1	0.0%	.02139392410396	.02139392410396
2	0.0%	.1320632546052	.1320632546052
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc4y6</b>			
		Num 8	PE scope in Plants, animals, and their life cycles, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00026230130041	.00026230130041
2	0.0%	.00056991363254	.00056991363254
1	0.0%	.00085575696415	.00085575696415
1	0.0%	.002631182092	.002631182092
2	0.0%	.0258657659847	.0258657659847
1	0.0%	.03109337811799	.03109337811799
1	0.0%	.11536403279992	.11536403279992
2	0.0%	.12287638996642	.12287638996642
1	0.0%	.1990736590514	.1990736590514
1	0.0%	.32765025283956	.32765025283956
1	0.0%	.37142451635143	.37142451635143
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc5y6</b>			
		Num 8	PE scope in Organs, year 6
Frequency	Percent	Value	Label

6	0.1%	0	0
1	0.0%	.00085575696415	.00085575696415
2	0.0%	.00482807514846	.00482807514846
1	0.0%	.00631095358832	.00631095358832
1	0.0%	.04701231250148	.04701231250148
1	0.0%	.09942217862454	.09942217862454
1	0.0%	.11028623411987	.11028623411987
1	0.0%	.11944384168285	.11944384168285
2	0.0%	.14483676977989	.14483676977989
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc6y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Biochemistry/microbiology, year 6
6	0.1%	0	0
2	0.0%	.00053429403051	.00053429403051
1	0.0%	.00068876634043	.00068876634043
1	0.0%	.00622260730757	.00622260730757
1	0.0%	.05933820663133	.05933820663133
1	0.0%	.06522998427157	.06522998427157
2	0.0%	.07941280288507	.07941280288507
1	0.0%	.08210615457411	.08210615457411
1	0.0%	.15722913856411	.15722913856411
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc7y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Biosystems, year 6
2	0.0%	0	0
1	0.0%	.00052732780915	.00052732780915
1	0.0%	.00209185035683	.00209185035683
2	0.0%	.00247804685637	.00247804685637
1	0.0%	.0090454490011	.0090454490011
1	0.0%	.01015173333699	.01015173333699

2	0.0%	.01346420956895	.01346420956895
1	0.0%	.07407454903158	.07407454903158
1	0.0%	.12718636175253	.12718636175253
1	0.0%	.14876831342222	.14876831342222
2	0.0%	.16390601617121	.16390601617121
1	0.0%	.20234594481232	.20234594481232
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc8y6</b>			
		Num 8	PE scope in Evolution, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00735173028299	.00735173028299
2	0.0%	.01418942123785	.01418942123785
2	0.0%	.01541508555151	.01541508555151
1	0.0%	.02342579169742	.02342579169742
1	0.0%	.02699079617593	.02699079617593
1	0.0%	.03290743254033	.03290743254033
1	0.0%	.0490672924641	.0490672924641
1	0.0%	.08503459808558	.08503459808558
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc9y6</b>			
		Num 8	PE scope in Environments & ecology, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
2	0.0%	.00192669665549	.00192669665549
1	0.0%	.01224673554943	.01224673554943
2	0.0%	.01495030237028	.01495030237028
1	0.0%	.04076542280337	.04076542280337
1	0.0%	.06214811877383	.06214811877383
1	0.0%	.07383873685175	.07383873685175
1	0.0%	.07819053748193	.07819053748193
2	0.0%	.08963479466161	.08963479466161

1	0.0%	.20775079798444	.20775079798444
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc10y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Nutrition & disease, year 6
3	0.0%	0	0
1	0.0%	.00156888776762	.00156888776762
2	0.0%	.00366702003973	.00366702003973
2	0.0%	.00387246968868	.00387246968868
1	0.0%	.00519998945359	.00519998945359
1	0.0%	.00871616500078	.00871616500078
1	0.0%	.01732166193125	.01732166193125
2	0.0%	.06272278544583	.06272278544583
1	0.0%	.07245642418463	.07245642418463
1	0.0%	.11155731080785	.11155731080785
1	0.0%	.12772306799634	.12772306799634
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc11y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Matter, year 6
1	0.0%	0	0
1	0.0%	.00171504403722	.00171504403722
1	0.0%	.00422577039374	.00422577039374
1	0.0%	.00751052169812	.00751052169812
1	0.0%	.01200166948869	.01200166948869
2	0.0%	.02781669573206	.02781669573206
2	0.0%	.03902454964761	.03902454964761
2	0.0%	.05338577678231	.05338577678231
1	0.0%	.05891805411079	.05891805411079
1	0.0%	.06460034994822	.06460034994822
1	0.0%	.08526212552961	.08526212552961
1	0.0%	.10019999225931	.10019999225931

1	0.0%	.1007392380939	.1007392380939
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc12y6</b>			
		Num 8	PE scope in Chemical properties, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00132538618202	.00132538618202
1	0.0%	.00465546429484	.00465546429484
2	0.0%	.00699635107641	.00699635107641
1	0.0%	.00762014509416	.00762014509416
2	0.0%	.02086252179904	.02086252179904
1	0.0%	.02777008685142	.02777008685142
1	0.0%	.04649612838594	.04649612838594
1	0.0%	.05730402205731	.05730402205731
1	0.0%	.0595116642332	.0595116642332
2	0.0%	.0906914488696	.0906914488696
1	0.0%	.27983545875555	.27983545875555
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc13y6</b>			
		Num 8	PE scope in Structure of matter & physical changes, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00176718157602	.00176718157602
1	0.0%	.00583867904618	.00583867904618
1	0.0%	.00647905525172	.00647905525172
2	0.0%	.01400035174531	.01400035174531
2	0.0%	.02341238557448	.02341238557448
1	0.0%	.06941727573676	.06941727573676
1	0.0%	.06990007288787	.06990007288787
1	0.0%	.08283322615934	.08283322615934
1	0.0%	.09744155019062	.09744155019062
1	0.0%	.10214490509681	.10214490509681



2	0.0%	.12811474612795	.12811474612795
1	0.0%	.5812013074657	.5812013074657
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc14y6</b>			
		Num 8	PE scope in Forces, energy, & transformations energy, year 6
Frequency	Percent	Value	Label
1	0.0%	.00152097759724	.00152097759724
1	0.0%	.00245441885559	.00245441885559
1	0.0%	.00517453958829	.00517453958829
2	0.0%	.02086252179904	.02086252179904
1	0.0%	.02740019092168	.02740019092168
2	0.0%	.02837164151382	.02837164151382
1	0.0%	.09898962175349	.09898962175349
1	0.0%	.12580416510939	.12580416510939
1	0.0%	.14346772707458	.14346772707458
1	0.0%	.19867066619405	.19867066619405
1	0.0%	.19949192332629	.19949192332629
1	0.0%	.21373648587828	.21373648587828
2	0.0%	.21399470430468	.21399470430468
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc15y6</b>			
		Num 8	PE scope in Light, sound, heat, electricity, & magnetism, year 6
Frequency	Percent	Value	Label
1	0.0%	.00415895140759	.00415895140759
1	0.0%	.00554184402175	.00554184402175
1	0.0%	.00811181052416	.00811181052416
2	0.0%	.01356063916938	.01356063916938
2	0.0%	.01856263216736	.01856263216736
1	0.0%	.02740019092168	.02740019092168
1	0.0%	.0747581998216	.0747581998216
1	0.0%	.0993458759119	.0993458759119
1	0.0%	.14223429891824	.14223429891824

1	0.0%	.18769830075082	.18769830075082
1	0.0%	.19208133293847	.19208133293847
2	0.0%	.21749910238154	.21749910238154
1	0.0%	.38099579721601	.38099579721601
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc16y6</b>			
		Num 8	PE scope in Matter & transformations of matter, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00057168134574	.00057168134574
1	0.0%	.00088359078801	.00088359078801
1	0.0%	.00105319400325	.00105319400325
2	0.0%	.0099713820445	.0099713820445
2	0.0%	.02914547538528	.02914547538528
1	0.0%	.02928083596452	.02928083596452
1	0.0%	.03369693156884	.03369693156884
1	0.0%	.03586010660262	.03586010660262
1	0.0%	.04783973114659	.04783973114659
1	0.0%	.05911254869536	.05911254869536
1	0.0%	.1096859796163	.1096859796163
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc17y6</b>			
		Num 8	PE scope in Nuclear physics, year 6
Frequency	Percent	Value	Label
8	0.1%	0	0
1	0.0%	.00049881826126	.00049881826126
1	0.0%	.0032518764638	.0032518764638
1	0.0%	.0035782871248	.0035782871248
2	0.0%	.0081689538444	.0081689538444
1	0.0%	.01089647779727	.01089647779727
1	0.0%	.02403241150863	.02403241150863
1	0.0%	.06103383054284	.06103383054284

8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc18y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Chemical changes, year 6
3	0.0%	0	0
1	0.0%	.00441795394007	.00441795394007
1	0.0%	.00638274208659	.00638274208659
2	0.0%	.00823088598636	.00823088598636
1	0.0%	.00946124862199	.00946124862199
1	0.0%	.00961932133338	.00961932133338
1	0.0%	.02492500208233	.02492500208233
1	0.0%	.05389391125681	.05389391125681
2	0.0%	.07090760387617	.07090760387617
1	0.0%	.07638243505891	.07638243505891
1	0.0%	.0768684154503	.0768684154503
1	0.0%	.57081985879784	.57081985879784
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc19y6</b>			
Frequency	Percent	Value	Label
		Num 8	PE scope in Motion, year 6
6	0.1%	0	0
2	0.0%	.00094924325597	.00094924325597
1	0.0%	.00333939867499	.00333939867499
1	0.0%	.04999776864754	.04999776864754
1	0.0%	.06424215535205	.06424215535205
1	0.0%	.08160204513884	.08160204513884
2	0.0%	.11987634586226	.11987634586226
1	0.0%	.19027355008662	.19027355008662
1	0.0%	.20977813814078	.20977813814078
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc20y6</b>		Num 8	PE scope in Science, technology, & math, year 6
Frequency	Percent	Value	Label
1	0.0%	.00087870825442	.00087870825442
1	0.0%	.00282749052164	.00282749052164
1	0.0%	.00483059304669	.00483059304669
2	0.0%	.00656783093673	.00656783093673
1	0.0%	.00838868847053	.00838868847053
1	0.0%	.00964338442672	.00964338442672
1	0.0%	.00990976871787	.00990976871787
1	0.0%	.02889555903342	.02889555903342
1	0.0%	.03147474625728	.03147474625728
1	0.0%	.039815749526	.039815749526
2	0.0%	.04096114720757	.04096114720757
2	0.0%	.06011019281926	.06011019281926
1	0.0%	.08563095605961	.08563095605961
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc21y6</b>		Num 8	PE scope in History of science & technology, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
2	0.0%	.00143923841263	.00143923841263
1	0.0%	.00413707519278	.00413707519278
1	0.0%	.00422173435651	.00422173435651
1	0.0%	.00872284994836	.00872284994836
2	0.0%	.00924946314658	.00924946314658
1	0.0%	.01116485490726	.01116485490726
1	0.0%	.01400717198965	.01400717198965
1	0.0%	.01782921403796	.01782921403796
1	0.0%	.02102057809603	.02102057809603
2	0.0%	.02746898703541	.02746898703541
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc22y6</b>			
		Num 8	PE scope in Environments & resources ext, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
2	0.0%	.00253222989007	.00253222989007
1	0.0%	.00680234705751	.00680234705751
1	0.0%	.00831985937376	.00831985937376
1	0.0%	.00890370613095	.00890370613095
1	0.0%	.01467916237579	.01467916237579
1	0.0%	.01703366685783	.01703366685783
1	0.0%	.02657870610151	.02657870610151
2	0.0%	.02943933631643	.02943933631643
1	0.0%	.03211794511241	.03211794511241
2	0.0%	.08212570022844	.08212570022844
1	0.0%	.37259103714053	.37259103714053
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc23y6</b>			
		Num 8	PE scope in Nature of science, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00061085801499	.00061085801499
1	0.0%	.0039421753137	.0039421753137
1	0.0%	.00460468610351	.00460468610351
1	0.0%	.00911605928332	.00911605928332
1	0.0%	.01168305389128	.01168305389128
1	0.0%	.01259518659065	.01259518659065
1	0.0%	.01309248607159	.01309248607159
2	0.0%	.01738543483253	.01738543483253
1	0.0%	.03917600851196	.03917600851196
2	0.0%	.04881867256387	.04881867256387
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc24y6</b>			
		Num 8	PE scope in Science & other disciplines, year 6

Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00311360563395	.00311360563395
1	0.0%	.00544150186128	.00544150186128
1	0.0%	.01344712634853	.01344712634853
1	0.0%	.03889553569059	.03889553569059
2	0.0%	.03947560783788	.03947560783788
1	0.0%	.04890604669721	.04890604669721
1	0.0%	.06546976831515	.06546976831515
1	0.0%	.0660896493281	.0660896493281
1	0.0%	.08585078575889	.08585078575889
2	0.0%	.08813914218016	.08813914218016
1	0.0%	.09191421175056	.09191421175056
1	0.0%	.17218999516041	.17218999516041
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc25y6</b>			
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc26y6</b>			
Frequency	Percent	Value	Label
15	0.2%	0	0
1	0.0%	.0017335742365	.0017335742365
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc27y6</b>			
Frequency	Percent	Value	Label
11	0.1%	0	0
1	0.0%	.00038221046632	.00038221046632

1	0.0%	.00062832977988	.00062832977988
2	0.0%	.00157082444971	.00157082444971
1	0.0%	.00295172186122	.00295172186122
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc28y6</b>		Num 2	PE scope in Investigating, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsc29y6</b>		Num 2	PE scope in Communicating, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd1y6</b>		Num 8	IGP*PE scope in Earth features, year 6
Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00143708083351	.00143708083351
2	0.0%	.00193752613829	.00193752613829
1	0.0%	.00241039859178	.00241039859178
1	0.0%	.00274738182062	.00274738182062
1	0.0%	.00301223551521	.00301223551521
1	0.0%	.00407089770992	.00407089770992
1	0.0%	.00604781346188	.00604781346188
1	0.0%	.01580183514052	.01580183514052
1	0.0%	.09998434566866	.09998434566866
2	0.0%	.23588142176494	.23588142176494
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd2y6</b>		Num 8	IGP*PE scope in Earth process, year 6
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Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00090507560322	.00090507560322
1	0.0%	.0034924108338	.0034924108338
1	0.0%	.00360366075741	.00360366075741
2	0.0%	.00777590971304	.00777590971304
1	0.0%	.01231904060721	.01231904060721
1	0.0%	.01265853161101	.01265853161101
1	0.0%	.01509491568946	.01509491568946
1	0.0%	.02711467883318	.02711467883318
1	0.0%	.03415789506349	.03415789506349
2	0.0%	.04056684992735	.04056684992735
2	0.0%	.22877249263813	.22877249263813
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd3y6</b>			
		Num 8	IGP*PE scope in Earth and the universe, year 6
Frequency	Percent	Value	Label
5	0.1%	0	0
1	0.0%	.00020870646298	.00020870646298
1	0.0%	.00062356930195	.00062356930195
1	0.0%	.00123986958739	.00123986958739
1	0.0%	.00192603338733	.00192603338733
2	0.0%	.00237486949072	.00237486949072
1	0.0%	.00239782872962	.00239782872962
1	0.0%	.00240753651948	.00240753651948
1	0.0%	.0228754651784	.0228754651784
2	0.0%	.12353923069639	.12353923069639
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd4y6</b>			
		Num 8	IGP*PE scope in Plants, animals, and their life cycles, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0



1	0.0%	.00022574419099	.00022574419099
2	0.0%	.00062560589064	.00062560589064
1	0.0%	.00064865893633	.00064865893633
1	0.0%	.00187907106842	.00187907106842
2	0.0%	.02124445382585	.02124445382585
1	0.0%	.0235644310611	.0235644310611
1	0.0%	.08759977164312	.08759977164312
2	0.0%	.10170409965466	.10170409965466
1	0.0%	.16991770118155	.16991770118155
1	0.0%	.24994395452981	.24994395452981
1	0.0%	.29192480886227	.29192480886227
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd5y6</b>			
		Num 8	IGP*PE scope in Organs, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.00072974130337	.00072974130337
2	0.0%	.00381537276727	.00381537276727
1	0.0%	.00580069868708	.00580069868708
1	0.0%	.03870647838468	.03870647838468
1	0.0%	.08119170883157	.08119170883157
1	0.0%	.09240336942504	.09240336942504
1	0.0%	.10676788737048	.10676788737048
2	0.0%	.13781467661877	.13781467661877
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd6y6</b>			
		Num 8	IGP*PE scope in Biochemistry/microbiology, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
2	0.0%	.00064824294589	.00064824294589
1	0.0%	.00089283786416	.00089283786416
1	0.0%	.00711946258247	.00711946258247

1	0.0%	.07492073336816	.07492073336816
1	0.0%	.08875658294681	.08875658294681
2	0.0%	.09186169721065	.09186169721065
1	0.0%	.10326980192526	.10326980192526
1	0.0%	.18615065842338	.18615065842338
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd7y6</b>			
		Num 8	IGP*PE scope in Biosystems, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00041723427811	.00041723427811
2	0.0%	.00245206240709	.00245206240709
1	0.0%	.00251055032766	.00251055032766
1	0.0%	.00915083490907	.00915083490907
1	0.0%	.00923996792795	.00923996792795
2	0.0%	.01420241363282	.01420241363282
1	0.0%	.07546263740587	.07546263740587
2	0.0%	.12548128905992	.12548128905992
1	0.0%	.14647410261636	.14647410261636
1	0.0%	.15558179060496	.15558179060496
1	0.0%	.2066626925603	.2066626925603
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd8y6</b>			
		Num 8	IGP*PE scope in Evolution, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
1	0.0%	.01024217718223	.01024217718223
2	0.0%	.01862760555439	.01862760555439
2	0.0%	.01967642780221	.01967642780221
1	0.0%	.03036681696478	.03036681696478
1	0.0%	.03335900987692	.03335900987692
1	0.0%	.04634122521784	.04634122521784

1	0.0%	.06593068987901	.06593068987901
1	0.0%	.10732102514717	.10732102514717
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd9y6</b>			
Frequency	Percent	Value	Label
		Num 8	IGP*PE scope in Environments & ecology, year 6
4	0.0%	0	0
2	0.0%	.00233760335035	.00233760335035
1	0.0%	.01214993853101	.01214993853101
2	0.0%	.01309021536978	.01309021536978
1	0.0%	.03412451999699	.03412451999699
1	0.0%	.05267126359238	.05267126359238
1	0.0%	.06677863809644	.06677863809644
1	0.0%	.06873239725986	.06873239725986
2	0.0%	.0843471407942	.0843471407942
1	0.0%	.18810035010003	.18810035010003
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd10y6</b>			
Frequency	Percent	Value	Label
		Num 8	IGP*PE scope in Nutrition & disease, year 6
3	0.0%	0	0
1	0.0%	.00150002379027	.00150002379027
2	0.0%	.0035744361784	.0035744361784
2	0.0%	.00406744645922	.00406744645922
1	0.0%	.00584484752274	.00584484752274
1	0.0%	.00773232679382	.00773232679382
1	0.0%	.01709707785152	.01709707785152
2	0.0%	.05298549549698	.05298549549698
1	0.0%	.0676136836337	.0676136836337
1	0.0%	.10613819680228	.10613819680228
1	0.0%	.10781271245469	.10781271245469
8754	99.7%	9991	Student did not take course in specified subject in given year

13	0.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsd11y6</b>			
		Num 8	IGP*PE scope in Matter, year 6
Frequency	Percent	Value	Label
1	0.0%	0	0
1	0.0%	.00151656039954	.00151656039954
1	0.0%	.00452269788327	.00452269788327
1	0.0%	.00788126573061	.00788126573061
1	0.0%	.01116133042618	.01116133042618
2	0.0%	.02716646743364	.02716646743364
2	0.0%	.03497371196991	.03497371196991
2	0.0%	.04665770159942	.04665770159942
1	0.0%	.05420992179007	.05420992179007
1	0.0%	.05773502591147	.05773502591147
1	0.0%	.07453980013992	.07453980013992
1	0.0%	.08420056817736	.08420056817736
1	0.0%	.09588550244644	.09588550244644
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd12y6</b>			
		Num 8	IGP*PE scope in Chemical properties, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00175666766284	.00175666766284
1	0.0%	.00577147153871	.00577147153871
2	0.0%	.00861262759943	.00861262759943
1	0.0%	.00945295878706	.00945295878706
2	0.0%	.02664403536761	.02664403536761
1	0.0%	.02992923372458	.02992923372458
1	0.0%	.04735446839232	.04735446839232
1	0.0%	.06219867455726	.06219867455726
1	0.0%	.06403168831611	.06403168831611
2	0.0%	.09541065519548	.09541065519548
1	0.0%	.2896845194634	.2896845194634

8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd13y6</b>			
Frequency	Percent	Value	Label
		Num 8	IGP*PE scope in Structure of matter & physical changes, year 6
1	0.0%	0	0
1	0.0%	.00204153268925	.00204153268925
1	0.0%	.00735095336977	.00735095336977
1	0.0%	.00784204309168	.00784204309168
2	0.0%	.01781143512137	.01781143512137
2	0.0%	.02833323238111	.02833323238111
1	0.0%	.06946333209589	.06946333209589
1	0.0%	.07317974626147	.07317974626147
1	0.0%	.08578783108135	.08578783108135
1	0.0%	.10261033759734	.10261033759734
1	0.0%	.10577699209494	.10577699209494
2	0.0%	.13237904952027	.13237904952027
1	0.0%	.59403794024871	.59403794024871
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd14y6</b>			
Frequency	Percent	Value	Label
		Num 8	IGP*PE scope in Forces, energy, & transformations energy, year 6
1	0.0%	.00180314304442	.00180314304442
1	0.0%	.00277479636834	.00277479636834
1	0.0%	.00602915571947	.00602915571947
2	0.0%	.02899497966475	.02899497966475
1	0.0%	.03121861674349	.03121861674349
2	0.0%	.03268423050066	.03268423050066
1	0.0%	.10255283735606	.10255283735606
1	0.0%	.1293147235652	.1293147235652
1	0.0%	.14908469908038	.14908469908038
1	0.0%	.20097257111289	.20097257111289
1	0.0%	.20761178260383	.20761178260383

1	0.0%	.21103519042899	.21103519042899
2	0.0%	.22022288760852	.22022288760852
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd15y6</b>			
		Num 8	IGP*PE scope in Light, sound, heat, electricity, & magnetism, year 6
Frequency	Percent	Value	Label
1	0.0%	.00414482106003	.00414482106003
1	0.0%	.00510255058413	.00510255058413
1	0.0%	.00765508000323	.00765508000323
2	0.0%	.01559895077159	.01559895077159
2	0.0%	.02149841373871	.02149841373871
1	0.0%	.02816598990466	.02816598990466
1	0.0%	.07831627398532	.07831627398532
1	0.0%	.09852610758034	.09852610758034
1	0.0%	.15193292197618	.15193292197618
1	0.0%	.18918009333566	.18918009333566
1	0.0%	.19188208921652	.19188208921652
2	0.0%	.21473286270935	.21473286270935
1	0.0%	.37047556139126	.37047556139126
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd16y6</b>			
		Num 8	IGP*PE scope in Matter & transformations of matter, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00073883711772	.00073883711772
1	0.0%	.00117111177523	.00117111177523
1	0.0%	.00128286385342	.00128286385342
2	0.0%	.01260669667927	.01260669667927
1	0.0%	.03224546909421	.03224546909421
2	0.0%	.03276428242868	.03276428242868
1	0.0%	.03785068461719	.03785068461719
1	0.0%	.04215443597021	.04215443597021

1	0.0%	.05022295059766	.05022295059766
1	0.0%	.06522425757526	.06522425757526
1	0.0%	.11510287472727	.11510287472727
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd17y6</b>		Num 8	IGP*PE scope in Nuclear physics, year 6
Frequency	Percent	Value	Label
8	0.1%	0	0
1	0.0%	.00052216142306	.00052216142306
1	0.0%	.00334599901325	.00334599901325
1	0.0%	.00453786844842	.00453786844842
1	0.0%	.01185570891868	.01185570891868
2	0.0%	.01217296285732	.01217296285732
1	0.0%	.03193773546933	.03193773546933
1	0.0%	.06627817503157	.06627817503157
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd18y6</b>		Num 8	IGP*PE scope in Chemical changes, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
1	0.0%	.00629868225057	.00629868225057
1	0.0%	.00754206287196	.00754206287196
2	0.0%	.01143363565022	.01143363565022
1	0.0%	.01286179354389	.01286179354389
1	0.0%	.01380331574289	.01380331574289
1	0.0%	.02967654674406	.02967654674406
1	0.0%	.06237379481604	.06237379481604
2	0.0%	.0826856770769	.0826856770769
1	0.0%	.09095673163184	.09095673163184
1	0.0%	.09264376586352	.09264376586352
1	0.0%	.61753339166979	.61753339166979
8754	99.7%	9991	Student did not take course in specified subject in given year

13	0.1%	9992	Student took course, but curriculum information not available for this course
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<b>etsd19y6</b>		Num 8	IGP*PE scope in Motion, year 6
Frequency	Percent	Value	Label
6	0.1%	0	0
2	0.0%	.00110537061602	.00110537061602
1	0.0%	.00352535223601	.00352535223601
1	0.0%	.05129649300248	.05129649300248
1	0.0%	.06751823910148	.06751823910148
1	0.0%	.08987708747007	.08987708747007
2	0.0%	.12411273847538	.12411273847538
1	0.0%	.19730804544762	.19730804544762
1	0.0%	.19813405640945	.19813405640945
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd20y6</b>		Num 8	IGP*PE scope in Science, technology, & math, year 6
Frequency	Percent	Value	Label
1	0.0%	.00084473124677	.00084473124677
1	0.0%	.00389948569482	.00389948569482
1	0.0%	.00519686983726	.00519686983726
2	0.0%	.00888134512253	.00888134512253
1	0.0%	.01044666344635	.01044666344635
1	0.0%	.01102125572542	.01102125572542
1	0.0%	.01248747414522	.01248747414522
1	0.0%	.03227922282274	.03227922282274
1	0.0%	.0345794670893	.0345794670893
1	0.0%	.04074825751216	.04074825751216
2	0.0%	.04953703913786	.04953703913786
2	0.0%	.06565520417705	.06565520417705
1	0.0%	.09524485445422	.09524485445422
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course



<b>etsd21y6</b>		Num 8	IGP*PE scope in History of science & technology, year 6
Frequency	Percent	Value	Label
3	0.0%	0	0
2	0.0%	.00099781992168	.00099781992168
1	0.0%	.00351011871975	.00351011871975
1	0.0%	.00500548479204	.00500548479204
2	0.0%	.00761363697951	.00761363697951
1	0.0%	.00849276675977	.00849276675977
1	0.0%	.01177542880137	.01177542880137
1	0.0%	.01264361251162	.01264361251162
1	0.0%	.01418974594207	.01418974594207
1	0.0%	.02385911227971	.02385911227971
2	0.0%	.03941314578153	.03941314578153
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd22y6</b>		Num 8	IGP*PE scope in Environments & resources, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
2	0.0%	.00194243706969	.00194243706969
1	0.0%	.00583730785501	.00583730785501
1	0.0%	.00795558163043	.00795558163043
1	0.0%	.00874460458944	.00874460458944
1	0.0%	.01500658259365	.01500658259365
1	0.0%	.01762118783724	.01762118783724
1	0.0%	.02477222778969	.02477222778969
1	0.0%	.03153866751037	.03153866751037
2	0.0%	.03238208089286	.03238208089286
2	0.0%	.08072649637819	.08072649637819
1	0.0%	.38591505545438	.38591505545438
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd23y6</b>		Num 8	IGP*PE scope in Nature of science, year 6
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Frequency	Percent	Value	Label
4	0.0%	0	0
1	0.0%	.00052572232081	.00052572232081
1	0.0%	.00430050959047	.00430050959047
1	0.0%	.00435724575673	.00435724575673
1	0.0%	.00917783398499	.00917783398499
1	0.0%	.01214245302072	.01214245302072
1	0.0%	.01289520238758	.01289520238758
1	0.0%	.01343091421144	.01343091421144
2	0.0%	.02318292293015	.02318292293015
1	0.0%	.04250960120278	.04250960120278
2	0.0%	.04963014339847	.04963014339847
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd24y6</b>			
		Num 8	IGP*PE scope in Science & other disciplines, year 6
Frequency	Percent	Value	Label
2	0.0%	0	0
1	0.0%	.00446137819136	.00446137819136
1	0.0%	.00514084623653	.00514084623653
1	0.0%	.01899883668302	.01899883668302
2	0.0%	.03558059860357	.03558059860357
1	0.0%	.04221936519601	.04221936519601
1	0.0%	.04944863667216	.04944863667216
1	0.0%	.05740541495042	.05740541495042
1	0.0%	.0620716762925	.0620716762925
1	0.0%	.08296198220585	.08296198220585
1	0.0%	.08777153602083	.08777153602083
2	0.0%	.09034695102101	.09034695102101
1	0.0%	.17870151467164	.17870151467164
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd25y6</b>			
		Num 2	IGP*PE scope in Understanding, year 6

Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd26y6</b>			
		Num 2	IGP*PE scope in Analyzing & solving problems, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd27y6</b>			
		Num 2	IGP*PE scope in Using tools & procedures, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd28y6</b>			
		Num 2	IGP*PE scope in Investigating, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course

<b>etsd29y6</b>			
		Num 2	IGP*PE scope in Communicating, year 6
Frequency	Percent	Value	Label
16	0.2%	0	0
8754	99.7%	9991	Student did not take course in specified subject in given year
13	0.1%	9992	Student took course, but curriculum information not available for this course