

The SSAT
+

2019-2020

Interpretive Guide

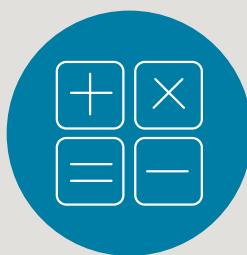
for the Middle & Upper Level SSATs



The Enrollment Management Association is pleased to provide this guide in order to acquaint member schools and organizations with various aspects of the Secondary School Admission Test (SSAT) and to provide guidelines for the interpretation and use of test scores.

For more than 50 years, the SSAT has been used to help students and schools make critical decisions about applying and admission. Sections of the SSAT measure verbal and mathematical ability and reading comprehension. The test also includes an unscored, timed writing sample which is sent to schools with the student's score report to supplement a student's application for admission.

Each student takes the SSAT under standardized testing conditions and is given the same amount of time and instruction (exceptions are made for those who qualify for testing accommodations). This guide contains information for the Middle and Upper Level exams for students in grades 5-11.



The **Enrollment Management** Association
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Contents

Introduction.....	4-6
Purpose of the Test	4
Test Development Process.....	4
Test Specifications	4-5
Verbal Section	5
Quantitative Section.....	5
Reading Comprehension Section.....	6
Writing Section.....	6
Administration of the SSAT.....	7
Test Security	7
Uniform Conditions	7
Testing Accommodations	7
Reporting SSAT Scores	7-11
Score Reports	7
School Score Report.....	8
SSAT Writing Sample.....	9-10
Family Score Report.....	11
Interpreting SSAT Scores	12-14
Raw Scores.....	12
Scaled Scores.....	12
Range of Scaled Scores	12
Norms and Percentiles	12
Mean Scores	13
Omissions and Questions Not Reached.....	13
School-Specific Context Data	13
SSAT Subject Areas.....	14
Statistical Terms and the SSAT	15-18
Score Equating.....	15
Mean	15
Standard Deviation	16
Reliability of Test Scores	17
Standard Error of Measurement – SEM	17
Standard Error of Difference – SED.....	17
True Score	18
Validity.....	18
Test Speededness.....	18
Appendices.....	19-37
Appendix A: SSAT Program Norms by Grade and Gender.....	19-33
Appendix B: SSAT Means and Standard Deviations	34-37



Introduction

The *Interpretive Guide for the Middle and Upper Level SSAT* has been prepared to assist with the interpretation of SSAT results. Although this guide does not cover all aspects of the psychometric data that is available about the SSAT, it does provide information that can help admission officers and educators with those aspects of the test that are most useful to them. In addition, this guide contains general information about the SSAT.

Purpose of the SSAT

The SSAT is designed for students who are seeking entrance to independent schools in grades 4 to PG in the U.S., Canada, and worldwide. The purpose of the SSAT is to measure the basic verbal, quantitative, and reading skills students develop over time that are needed for successful performance in independent schools. The SSAT provides independent school admission professionals with meaningful information about the possible academic success of potential students at their institutions, regardless of students' background or experience.

The SSAT is not an achievement test. It is not designed to measure the extent of knowledge about a specific curriculum that has been covered in class. Further, SSAT tests are not designed to measure other characteristics such as motivation, persistence, or creativity, that may contribute to a student's success in school.

Test Development Process

SSAT test items are written by test development specialists and subject matter experts. Our test editors review all test material for any questions that may be inappropriate for various subgroups of the population. In addition, questions are reviewed for ambiguities to ensure that there is only one "best" response for each item.

In order to develop a pool of items for future tests, the Middle and Upper Level SSATs contain a brief experimental section. These questions have been developed, scrutinized, and determined to meet SSAT standards. Each test question is then analyzed statistically to determine its usefulness. Satisfactory items become part of the item pool from which new editions of the test are assembled. Unsatisfactory items are discarded or rewritten. Rewritten items are subject to the review and pretesting process again. These experimental questions are not part of a student's score.

Test Specifications

This guide contains information on two levels of the SSAT. The Middle Level test is administered to students in grades 5-7, and the Upper Level test is administered to students in grades 8-11.

The SSAT consists of four multiple-choice sections with a testing time of 30 minutes for the verbal and each of the two quantitative sections, and 40 minutes for the reading section. These sections yield four scores:

- + Verbal
- + Quantitative (Math)
- + Reading Comprehension
- + Total (Verbal + Quantitative + Reading)

In addition, each administration of the SSAT includes a 25-minute writing sample. Writing samples are not scored, but are submitted to score recipients to supplement a student's application. The total testing time for a standard SSAT administration is 185 minutes, including the experimental section and two breaks.



Samples of SSAT question types are provided on the SSAT website and in *The Official Study Guide for the Middle Level SSAT* and *The Official Study Guide for the Upper Level SSAT*. These publications are available for purchase through the SSAT website, www.ssat.org.

Content and statistical specifications can help ensure that the test measures the intended construct for the target population, that multiple forms are built to the same blueprint, and that scores earned on different forms are comparable after score equating. Items are scrutinized according to a number of factors so that content, skills measured, and overall difficulty of items are consistent in all test editions. A brief description of content specifications for each section of the SSAT follows.

Verbal Section

The verbal section of the test consists of 30 synonym questions and 30 analogy questions. The synonym portion measures verbal ability. The analogy portion measures a student's proficiency in identifying logical relationships between words and concepts.

The verbal section is not intended to be a test of vocabulary only, and therefore includes common words that are expected to be familiar to the average SSAT test taker.

Both types of verbal items—synonyms and analogies—are carefully balanced to avoid advantage or disadvantage to students whose interests and backgrounds may have led them to read more or acquire a large vocabulary in specific areas.

Quantitative Section

The SSAT includes two quantitative sections containing 25 questions each. The quantitative score is comprised of all 50 questions in the two sections. The questions are designed to measure understanding of mathematical concepts, computation, routine mathematical manipulations, and problem solving, as well as some recall of basic nomenclature and rules. The test items vary in difficulty and measure different levels of understanding. Depending upon the student's experiences in school, some concepts may be unfamiliar.

The questions in this section are drawn from the following areas:

- + Arithmetic word problems (including percent, ratio)
- + Basic concepts of addition, subtraction, multiplication, and division
- + Estimation
- + Rational numbers
- + Sequences and series
- + Frequencies
- + Properties of exponents
- + Algebraic word problems
- + Equations of lines
- + Patterns
- + Absolute value
- + Area and circumference of a circle
- + Area and perimeter of a polygon
- + Volume of a cube, cylinder, box
- + Pythagorean theory and properties of right, isosceles, equilateral triangles
- + Properties of parallel and perpendicular lines
- + Coordinate geometry (Upper Level test only)
- + Slope (Upper Level test only)
- + Interpretation (tables, graphs)
- + Trends and inferences
- + Probability



Reading Comprehension Section

The reading comprehension section consists of 40 questions based on reading passages that generally fall into the categories of narrative (literary fiction, novels, short stories, poems) and argument (the presentation of an obvious and definite point of view on some subject, such as essays). The subject matter of the reading passages is drawn from the following general fields: humanities (such as art, biography, and poetry), social studies (such as history, economics, and sociology), and science (such as medicine, astronomy, and anthropology). The passages cover a variety of sources and subject areas so that examinees will not be at an advantage or disadvantage as a result of encountering material related to an area with which they may or may not be familiar. The passages vary in length, but are typically 100 to 350 words.

The reading comprehension questions, designed to measure a student's ability to understand and assimilate what has been read, ask the test taker to:

- + Recognize the main idea
- + Locate details
- + Make inferences
- + Derive the meaning of a word or phrase from its context
- + Determine the author's purpose
- + Determine the author's attitude and tone
- + Understand and evaluate opinions/arguments
- + Make predictions based on information in the passage

Writing Section

The SSAT includes an unscored writing sample that is sent to schools with the student's score report. The Middle Level exam includes two creative prompts, from which the student will choose one. The Upper Level writing section presents two prompts: one creative and one essay, from which the student will choose one. All students have 25 minutes to complete the writing portion of the exam. The writing sample can be up to two pages long.



Administration of the SSAT

Test Security

The SSAT is a secure test. The integrity of the test prior to and following a test administration is strictly maintained. Testing centers must meet rigid standards and comply with established rules for the receipt, storage, administration, and return shipment of test materials.

Uniform Conditions

The SSAT is a standardized test. Test development, interpretation of scores, and test administration are managed in a prescribed way. To ensure that scores earned by examinees at different administrations are strictly comparable, the *Test Administrator's Guide to the SSAT* provides precise instructions, to be followed by qualified and experienced test administrators, from the moment the student is admitted to the test center until the time of dismissal. Any deviations from the uniform testing conditions are reported in writing to The Enrollment Management Association. Each report is reviewed by The Enrollment Management Association and issues and/or problems are resolved.

Testing Accommodations

A student with a disability may apply for testing accommodations for administrations of the SSAT. Students requiring testing accommodations such as extra time, large print, or Braille editions of the test, for example, may be accommodated, pending application and submission of documentation (if applicable).

Additional information regarding application for testing accommodations is available on the SSAT web site: www.ssat.org/TA.

Reporting SSAT Scores

There are two types of test administrations for which scores are reported—Standard test administrations (eight per admission year) and Flex test administrations—available on an as-needed basis at member sites.

For Standard administrations, school scores are routinely reported online on the second Tuesday following the test administration for score recipients selected prior to score release. Student score reports are routinely reported on the Wednesday following the Tuesday that scores are available to schools. For Flex administrations, scores are reported online via roster on the day that they are scored.

Score Reports

The SSAT score report is available to schools, educational consultants, and educational organizations. Parents, guardians, students, or advisors designate school score report recipients. A separate score report is provided to the test taker. Score reports to test takers do not contain any school-specific information.

There are a number of SSAT score reporting procedures. SSAT scores are reported to schools online in exportable rosters and as individual report PDFs.

Context is a key component to effective interpretation of test scores. To increase support for SSAT score interpretation, school applicant comparison context data is added to the school score reports following the school's submission of data on accepted and enrolled students. For the 2019-2020 year, the scores of a test taker are placed in many different contexts on the school score report.



School Score Report Sample

The SSAT

Secondary School Admission Test Score Report

Student Name
SSAT, Kevin

Family Address
862 Route 518
Skillman NJ 08558

Test Date
04 Jan 2020

School ID
1717

Registration Number
191678004

Family Phone #

Family Email

	Test Center ID 1717	Test Level Upper	Current Grade 9	Gender Male	Birth Date 04 Apr 2004
Test Taker's Scores					
Possible Scaled Score Range: 500-800					
		Grade 9 Total		Grade 9 Male	
Verbal	Score 695	Range 674 - 716	Student Percentile 63	Average Score 671	Student Percentile 65
Quantitative	Score 713	Range 694 - 732	Student Percentile 55	Average Score 702	Student Percentile 53
Reading	Score 635	Range 614 - 656	Student Percentile 33	Average Score 660	Student Percentile 37
Total	Score 2043	Range 614 - 656	Student Percentile 52	Average Score 2033	Student Percentile 53
SSAT Reference Information					
Applicant Comparison Data for 1717 (Grade 9)					
All 2018-2019 Reports			2019 Accepted Students		2019 Enrolled Students
Verbal	Rank Order 13 of 40		Rank Order 8 of 19		Rank Order 2 of 8
Quantitative	Rank Order 18 of 40		Rank Order 12 of 19		Rank Order 4 of 8
Reading	Rank Order 24 of 40		Rank Order 12 of 19		Rank Order 4 of 8
Total	Rank Order 19 of 40		Rank Order 11 of 19		Rank Order 3 of 8
Verbal	Average Score 672		Average Score 689		Average Score 653
Quantitative	Average Score 702		Average Score 722		Average Score 690
Reading	Average Score 655		Average Score 666		Average Score 644
Total	Average Score 2029		Average Score 2077		Average Score 1988

Applicant Comparison Data ranks the scores in this report among all grade 9 score reports sent to your school in the previous year, 2018-2019.
N/A indicates that data has not been submitted for your school; please contact members@enrollment.org for more information.

	Number of Questions			Percent Correct	Percent Correct
	Right	Wrong	Not Answered	Right/Total	Right/Answered
Verbal Synonyms	19	11	0	63 %	63 %
Verbal Analogies	19	11	0	63 %	63 %
Verbal Questions Not Reached: 0					
Number Concepts and Operations	12	7	0	63 %	63 %
Algebra, Geometry and Other Math	18	13	0	58 %	58 %
Quantitative Questions Not Reached: 0					
Reading Main Idea and Content	10	13	0	43 %	43 %
Reading Higher Order and Interpretation	12	5	0	71 %	71 %
Reading Questions Not Reached: 0					

Questions not answered include both omitted questions and questions not reached. The number of Right, Wrong, and Not Answered questions should NOT be compared across different forms, for the same test taker or between different test takers. The number of Right, Wrong, and Not Answered questions not only depends on a test taker's ability, but also depends on the difficulty of the questions. Hence, score equating is used to adjust the form difficulty differences, and the resulting scaled scores can be compared across forms.



SSAT Writing Sample

Page 2

Use Pencil Only.

Writing Sample

Schools would like to get to know you better through a story you tell using one of the ideas below. Please choose the idea you find most interesting and write a story using the idea as your first sentence. Please fill in the circle next to the one you choose.

A I put my hand in my pocket and pulled out ...

B All I wanted was a glass of water.

Use this page and the next page to complete your writing sample.

I put my hand in my pocket and pulled out a crumpled piece of paper. I didn't remember putting it there. I carefully opened it, and it was a treasure map!

I put it back in my pocket and ran to get my friends Anna and Paul. They lived in this neighborhood their whole lives and would recognize the landmarks.

They were as excited as I was! The map started at the big tree by the stream. We followed the stream until we came to the bridge. We crossed over and followed the path through the woods. At the abandoned house, we turned left and headed down the bike path.

Continue on next page

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Use Pencil Only.

Page 3

Anna was getting worried.
"No one knows where we are.
Where did the map come from?"
Just then we saw the
tree house the map pointed
to. What was in the tree
house? We looked around, but
didn't see anyone. I climbed
up first, and didn't give
away what I found until
both Paul and Anna were in
the treehouse with me. It was
my little brother with a
plate of cookies! My brother
and dad built the treehouse
in the field behind our
house. Now we all had a
place to play.



Family Score Report

The family score report is available to families online for free. A hard copy of the score report can be mailed to a family for an additional fee.

Secondary School Admission Test Score Report

The
SSAT

About You

Name Kevin SSAT	Grade 9	Kevin SSAT 862 Route 518 Skillman, NJ 08558
Gender Male	Date of Birth 04 Apr 2004	

The Test You Took

Registration ID 191678004	Test Date 04 Jan 2020
Test Level Upper	Test Center SSAT Academy (Sample Center - Not Real) (1717)

	Your Scaled Scores		SSAT Reference Information			
	Score	Range	Grade 9 Total		Grade 9 Male	
Your Percentile			Average Score	Your Percentile	Average Score	
Verbal	695	674 - 716	63	671	65	667
Quantitative	713	694 - 732	55	702	53	705
Reading	635	614 - 656	33	660	37	656
Total	2043		52	2033	53	2028

What is my Scaled Score, and Why Do I have a Personal Score Range?

Scores are first calculated by awarding one point for each correct answer and subtracting one-quarter of one point for each incorrect answer. These scores are called raw scores. Raw scores can vary from one edition of the test to another due to differences in difficulty among different editions. A statistical procedure called "equating" is used to adjust for these differences. Even after these adjustments, no single test score provides a perfectly accurate estimate of your proficiency. Therefore, we provide a score range on the SSAT score scale to emphasize the possibility of score differences if you had taken a different edition of the test instead of the one you took. Your scores on these different versions would likely fall within the scaled score ranges indicated above.

What Do My SSAT Percentiles Mean?

Your SSAT percentiles have a range of 1 to 99, indicating the percentage of other test takers who scored at or below your scaled score. The two percentiles compare your performance to the performances of all other students in the same grade level, and of the same grade level and gender who have taken the SSAT within the past three years, respectively. If you are concerned that your percentiles are lower than you have earned on other tests, please remember that SSAT test takers are members of a small and highly competitive group of students who plan to attend some of the world's best independent schools. You should not be discouraged by what seems to be a lower percentile than you usually attain on standardized tests. The average score is the average scaled score of all students in the same grade level, and of the same grade level and gender who have taken the SSAT within the past three years.

Test Question Breakdown

		Right	Wrong	Not Answered
		19	11	0

Verbal	Questions testing your knowledge of words (synonyms) and your ability to relate ideas (analogies).	19	11	0
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Math	Questions testing your knowledge of number properties and relationships, basic computation, concepts of equivalencies, geometry, measurement, and interpretation of charts/graphs.	19	11	0
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Reading	Questions regarding the main idea and supporting details of a passage or requiring higher order skills, such as deriving the meaning of words from context, extracting the meaning of a passage, or interpreting an author's logic, attitude and tone.	12	7	0
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Main Idea	18	13	0
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Higher Order	12	5	0
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Questions not answered include both omitted questions and questions not reached. The number of Right, Wrong, and Not Answered questions should NOT be compared across different forms, for the same test taker or between different test takers. The number of Right, Wrong, and Not Answered questions not only depends on a test taker's ability, but also depends on the difficulty of the questions. Hence, score equating is used to adjust the form difficulty differences, and the resulting scaled scores can be compared across forms.



Interpreting SSAT Scores

Raw Scores

Scores for the Middle and Upper Levels are calculated by adding one point for each correct answer and zero points for each omitted question, and by subtracting one-quarter of one point for each incorrect answer. The number of answers scored as right, wrong, and omitted on each subsection of the test constitute the *raw score* for that subsection (subscore). Raw scores from different editions of the test cannot be compared directly to each other.

Scaled Scores

The raw score is converted to a score on the 440-710 Middle Level scale or 500-800 Upper Level scale, which is called the *scaled score*. This is the score that appears on the student's score report. The scaled score yielded by a raw score can vary slightly from one edition of the test to another. This is due to small differences in difficulty among different editions. A statistical procedure called "equating" is used to adjust for these small differences. See "Score Equating" on page 15 for more details.

Range of Scaled Scores

In reality, a perfectly reliable test is never realized. Standard Error of Measurement (SEM) measures how a student's observed test scores vary from his or her "true" score (see "True Score" on page 18). This is why ranges of scaled scores are provided in the score reports, to emphasize the possibility of score differences due to SEM. See "Standard Error of Measurement" on page 17 for more details.

The crucial use of the SEM is to treat each scaled score as a band rather than as a point when using scores to make decisions about test takers. It is a common practice to extend the band one SEM above the obtained score and one SEM below the obtained score. For example, the SEM of the Upper Level test is 21 on the verbal section. If a student gets a scaled score of 698 on verbal, there is a 68% chance that his/her score will fluctuate between 677 and 719 if he or she takes the test again.

Norms and Percentiles

The SSAT is a norm-referenced test. A *norm-referenced* test interprets an individual test taker's score relative to the distribution of scores for a comparison group, referred to as the *norm* group. The SSAT Middle Level and Upper Level test norm groups consist of all the first-time test takers (same grade level and same gender) who took the test on a Standard test date over the most recent three-year period in the U.S. and Canada. For students who tested multiple times, only the first test scores are used to calculate the ranking percentile.

The SSAT reports percentiles. The *percentile* is the percentage of students in the norm group whose scores fall at or below a particular scaled score. For example, if an 8th grade male student's scaled score is 698 and his percentile is 69 on the verbal section, it means that 69% of verbal section scores of all the other 8th grade male students (who took the test for the first time on a Standard test date over the most recent three-year period in the U.S. and Canada) fell at or below 698.

The two sets of SSAT percentiles are different because the test taker's scores are being compared with two different groups of test takers. Grade-only and grade-and-gender percentiles vary by competitive group, while the scaled scores are constant.

Tables 1A to 7B (pages 20 to 33) provide percentiles for grades 5 through 11.



Average Scores

The average of a group of scores provides a useful reference point when considering an individual score (e.g., above average, below average) for a test taker's grade and gender. The average scores shown are for all first-time test takers testing in the U.S. and Canada on a Standard test date over the most recent three-year period of the same grade and the same grade and gender as the reported test taker. For students who tested multiple times, only the first test scores are used to calculate the average score.

Questions Not Answered

Questions not answered includes both omitted questions and questions not reached. *Omitted* questions are questions test takers are able to reach but choose not to answer after consideration. For example, if a test taker does not answer question #10, but answers questions 11, 12, 13, etc., question #10 is counted as an omitted question. *Questions not reached* refers to those questions (usually near the end of a section or a test) that test takers are not able to reach because they run out of time. For example, if a test has a 50 questions, and a test taker does not answer questions 46-50, questions 46-50 are counted as not reached.

The SSAT is designed to ensure that test takers have sufficient time to consider every question on the test. The number of *not reached* questions is generally very low.

School-Specific Context Data

Context is a key component to effective interpretation of test scores. The most important context for interpretation of test scores and other information is your school; thus your school's context data is added to each test taker's SSAT score report if your school reports its accepted and enrolled data to The Enrollment Management Association. The contexts included on the school score report place the test taker's scores into the school's environment, providing a much more meaningful comparison. School score reports are specific to each school and include context data for that school.

School Context: All 2018-19 Reports

This table places the test taker's scores in the context of all of the same-grade test takers who sent scores to your school in the last admission year. The reported test taker's scores can be compared directly with those of all of the same-grade test takers' scores received by your school last year. Also shown are the mean (average) scores for all of the same-grade test takers whose scores your school received in the last admission year.

School Context: 2019 Accepted Students

This table places the test taker's scores in the context of all scores of the same-grade test takers accepted by your school in the last admission year. Also shown are the average scores for all of the same-grade test takers accepted by your school in the last admission year. (If your school does not participate in the Applicant Comparison Data share, these fields are blank.)

School Context: 2019 Enrolled Students

This table places the test taker's scores in the context of all of the same-grade test takers enrolled by your school in the last admission year. Also shown are the average scores for all of the same-grade test takers enrolled by your school in the last admission year. (If your school does not participate in the Applicant Comparison Data share, these fields are blank.)



SSAT Subject Areas

SSAT results are reported in the following subject areas:

Verbal

- + Synonyms—Test the student’s verbal capability.
- + Analogies—Test the student’s ability to relate ideas to each other logically.

Quantitative

- + Number Concepts and Operations—These questions deal with the way numbers are used or written and include concepts of and operations with integers, fractions, decimals, and percents, as well as number problems and relationships.
- + Algebra, Geometry, Measurement, and Other Math—These questions cover the use of variables in equations and inequalities; coordinate systems; informal measurement-related concepts of area, perimeter, volume, and measure; the knowledge of triangles and other plane and solid shapes taught in the elementary school years; graphs, tables, charts, and miscellaneous topics such as simple probability and statistics, logic and flowcharts.

Reading Comprehension

- + Main Idea and Supporting Details—Some of these questions require students to recognize the main idea of a passage either by choosing a main idea statement or by choosing a title for the passage that most appropriately describes the author’s main point. The remaining questions require students to recognize the details from a passage that support the author’s thesis.
- + Higher Order Skills—These questions require students to reason, draw inferences, and apply information, recognize meaning not directly stated in a passage, and identify such elements of the passage as the author’s logic, style, and tone.

For each subject area the score report provides:

- + The number of questions answered correctly
- + The number of questions answered incorrectly
- + The number of questions omitted
- + The number of questions not reached at the end of each test section (for school reports only)

It is recommended that schools use this information to understand a child’s scores in more depth. For instance, a low reading comprehension score could indicate either a reading problem or a slower reading speed. A score report may reflect the latter in the number of items not reached as compared to the total number of questions omitted in the entire section. (Note—family score reports do not contain not-reached numbers).



Statistical Terms and the SSAT

Score Equating

Different SSAT forms are built and administered to students each year. Although test developers follow prescribed specifications when they assemble new forms so that different forms can be parallel in difficulty as much as possible, in reality it is inevitable that there are variations in form difficulty. A statistical procedure referred to as *score equating* is used to adjust for minor form difficulty differences, so that scores reported to students taking different forms are comparable.

Mean

The *mean* of a group of scores is the arithmetic average. Computing the mean is a useful way to determine the average of a group for most kinds of measurement. The mean becomes a more useful and reliable measure as the size of the group upon which it is based increases. It is determined by adding the scores and dividing by the number of scores in that group.



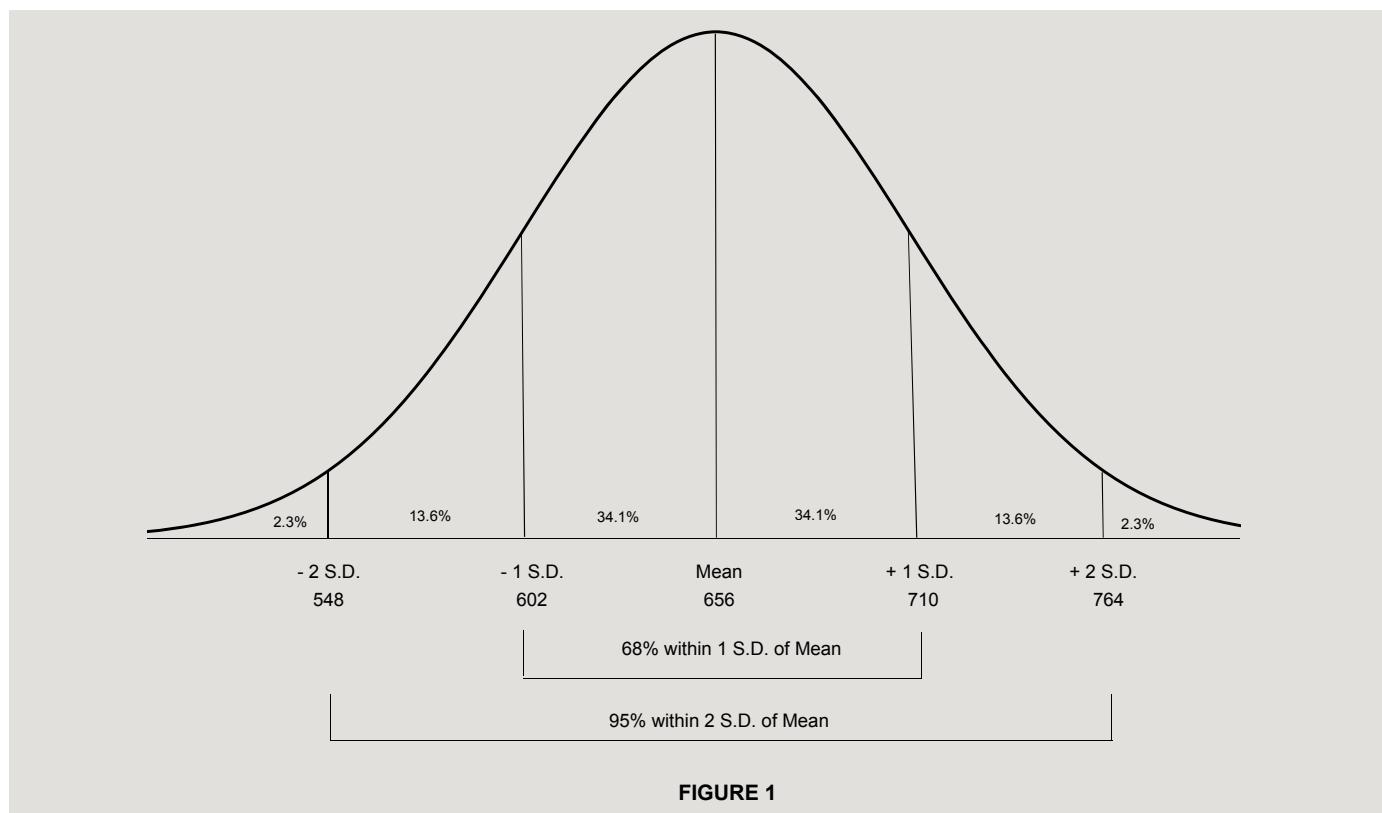


Standard Deviation

The standard deviation is a statistic that indicates how much variation exists in a set of scores. A group with many high scores and many low scores will have a large standard deviation. A group of scores that are all close together will have a small standard deviation. If a group of scores has a normal distribution (the familiar bell-shaped curve), as is the case for national norm groups on many tests, about 68% of scores will fall within one standard deviation of the mean. About 16% of the scores will be more than one standard deviation below the mean score and about 16% will be more than one standard deviation above the mean.

Figure 1 illustrates the relationship between standard deviation and test scores. The mean score for this test is 656 and the standard deviation is 54 points. One standard deviation above the mean is a score of 710, and 34% of the test-taking population earn scores that are between 656 and 710. Similarly, another 34% of the population score within one standard deviation below the mean, or between 602 and 656. This means that 68% of the test-taking population score within one standard deviation (54 points) above or below the mean score (656), or between 602 and 710. More than 13% score between one and two standard deviations above or below the mean, so that a total of 95% of the test takers score within two standard deviations of the mean, or between 548 and 764. Notice that less than 5% of test takers score more than two standard deviations above or below the mean.

An understanding of how means and standard deviations are related can help you to compare how students perform relative to the entire test-taking population and may help you to identify those who are “average,” “above/below average,” or “exceptional” in either direction. You may be aware that a score of 770 on the reading comprehension section is very good. However, when you consult Figure 1, you will see that such a score is greater than two standard deviations above the mean, and that you have before you a student who has scored in the top 2% of all test takers.





Reliability of Test Scores

Reliability is the tendency of test scores to be consistent on two or more occasions of testing, if there is no real change in the test taker's abilities. Most concern focuses on reliability as it involves the specific questions that a student answers. As the questions on a particular test represent a mere sample of the many questions that could possibly have been included, one must consider how closely the test results agree with the results that would have been produced by a different set of similar questions.

For scaled scores, a reliability coefficient of 1.00 indicates perfect reliability; a coefficient of .00 indicates no reliability at all. The Middle Level SSAT tests have reliability coefficients ranging between .82 and .93. The Upper Level SSAT tests have reliability coefficients ranging between .82 and .94.

Standard Error of Measurement (SEM)

Standard Error of Measurement (SEM) does not mean that someone has made a mistake in administering or scoring the test. It only means that students' scores on a test tend to differ somewhat from the scores they would earn if the test were perfectly reliable (true score). In reality, however, a perfectly reliable test is never realized. Standard Error of Measurement (SEM) measures how a student's test scores vary from his or her "true score" (see "True Score" on page 18).

The crucial use of the SEM is to treat each scaled score as a band rather than as a point when using scores to make decisions about test takers. It is a common practice to extend the band one SEM above the obtained score and one SEM below the obtained score. For example, the SEM of the Upper Level test is 21 on verbal. If a student gets a scaled score of 698 on verbal, there is a 68% chance that his/her score will fluctuate between 677 (one SEM below 698) and 719 (one SEM above 698) if he or she takes the test again.

The chart that follows specifies the Standard Error of Measurement for each section of the test.

Section	Upper Level Forms SEM	Middle Level Forms SEM
Reading Comprehension	21 points	19 points
Verbal	21 points	16 points
Quantitative	19 points	14 points

Standard Error of Difference (SED)

Because test scores are not perfect measures of ability, we expect an examinee's scores to differ if the person takes the test more than once (see "Standard Error of Measurement" above). In the same way, we should expect the scores of two examinees of equal ability to differ. *The Standard Error of the Difference (SED)* is an index of the average-sized difference that we would expect between test scores of two examinees of equal ability. If the test scores of two examinees differ by less than the SED, there is no substantial evidence that the two examinees differ in ability. As the test scores differ by an amount greater than the SED (say, two times the SED), then we may have confidence that the two individuals truly differ in ability as measured by the test.

The SED is calculated as $\sqrt{2} \times SEM$. For example, the SEM of the SSAT Upper Level test is 21 points on verbal. The SED is roughly 30 points. If two individuals' verbal scores differ more than 45 points (1.5 times the SED), then we may have confidence that the two individuals truly differ in their verbal abilities as measured by the SSAT.



True Score

True score is a hypothetical concept indicating what an individual's score on a test would be if the test were perfectly reliable. It is thought of as the hypothetical average of an infinite number of obtained scores for a test taker with the effect of practice removed.

Validity

Test validity refers to the degree to which evidence exists to support the interpretation of test scores for particular purposes. It is important to note that we validate a test score for a particular use (e.g., admission, placement), and that validity is not the property of a test in and of itself. This means that as opposed to talking about a test as simply valid or not valid, one should instead state, for example, "There is a great deal of validity evidence to support the use of SSAT scores for independent school admission decisions." This also represents the notion that validity is a matter of degree and not absolute. It is therefore very important to gather validity evidence over time to either enhance, confirm or contradict previous findings.

There are various sources of validity evidence that can be examined, such as the content tested (e.g., subject area and types of items), the internal structure of the test (e.g., reliability and other psychometric properties), and relationships between the test scores and other variables (e.g., correlations with the outcomes the test is expected to predict). The SSAT is primarily used in making independent school admission decisions. For that reason, admission officers are interested in its ability to predict first-year school grades. In spring 2015, The Enrollment Management Association conducted a predictive validity study. We received responses from 59 schools, with 2,918 Middle Level students and 13,744 Upper Level students.

The results showed that both Middle and Upper Level SSATs are strong predictors the first year GPA (FYGPA). The correlation coefficients of individual section scores (verbal, quantitative, and reading) with FYGPA range from 0.44 to 0.53 for the Middle Level test, and from 0.44 to 0.50 for the Upper Level test. The total SSAT score (V, Q, R) correlates even higher: 0.54 for the Middle Level and 0.53 for the Upper Level.

Test Speededness

The SSAT began a transition from a speeded to a non-speeded test in the 2003-2004 test year. The transition was completed in the 2004-2005 test year.

A test section is *speeded* to the extent that performance on it is determined by the number of questions examinees have time to answer. There is no single criterion to determine test speededness, but several criteria can be used together. One measure is provided by the percent of the test takers who reached at least three-quarters of the questions in a timed section. A test section may be regarded as being virtually unspeeded if essentially all test takers reach at least three-quarters of all the items in that section.

In the 2004-2005 test year, all sections of the SSAT were essentially unspeeded. For example, a typical Upper Level form, analyzed for grade 8 students, shows that three-quarters of the items in the verbal section were reached by 99.9% of the students, 99.7% for the quantitative sections, and 99% for the reading comprehension section. Corresponding percents for grade 6 students who took the Middle Level form are 99.9% (verbal), 99.9% (quantitative), and 97.7% (reading).



Appendices

Appendix A:

SSAT Program Norms by Gender and Grade

The norms presented in the following tables are based on first-time test takers who tested at a United States or Canadian Standard administration of the Secondary School Admission Test between August 1, 2016 and July 30, 2019. If a student tested multiple times, only the first test scores were used to calculate the norms. They are not representative of students in general throughout the country, nor are they representative of all students enrolled in independent schools.

Percentiles reported on individual score report forms are based on the performance of students of the same grade and of the same grade level and gender and may be found in the following tables.

Guide to Reading Tables

Verbal	V
Quantitative	Q
Reading Comprehension	R

Table 1A**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
5TH GRADE - VERBAL, QUANTITATIVE, AND READING**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
710	99	99	99	99	99	99	99	99	99
707	99	99	99	99	99	99	99	99	99
704	99	99	99	99	99	99	99	99	99
701	99	99	99	99	98	99	99	99	99
698	99	99	99	98	98	99	98	99	99
695	98	99	98	98	98	98	98	98	98
692	98	99	98	98	97	98	98	98	98
689	98	99	97	97	96	98	97	97	98
686	97	98	97	97	96	97	97	97	97
683	96	98	96	96	95	97	96	96	96
680	96	98	96	95	94	96	96	96	96
677	95	97	95	94	93	95	95	95	95
674	95	96	94	93	92	94	94	94	94
671	94	96	93	93	91	94	93	93	94
668	93	95	93	92	90	93	92	92	93
665	92	94	91	91	89	92	91	91	92
662	91	93	90	89	87	91	90	90	91
659	90	92	89	88	86	90	89	89	89
656	89	91	88	87	85	88	88	88	88
653	88	90	87	85	82	87	86	86	87
650	86	89	86	84	81	86	85	85	86
647	85	88	84	82	79	84	83	84	84
644	83	87	83	80	78	83	82	82	83
641	82	85	82	78	76	81	80	80	81
638	80	83	79	76	74	79	78	78	79
635	78	82	78	74	72	77	76	76	77
632	77	80	76	72	70	76	74	75	76
629	74	78	73	70	67	74	72	73	74
626	73	76	72	68	65	72	70	70	72
623	70	75	70	65	63	70	68	68	70
620	68	73	67	63	60	67	65	66	67
617	66	71	65	61	58	65	63	64	65
614	64	69	64	59	55	64	61	62	64
611	61	67	61	56	53	61	58	60	61
608	59	65	59	54	51	59	56	58	59
605	57	62	56	52	49	57	54	55	57
602	54	60	54	49	46	55	52	53	54
599	52	58	51	47	44	52	49	50	51
596	49	55	48	44	42	50	47	48	49
593	47	52	45	42	39	47	44	45	46
590	44	50	43	40	37	45	42	43	44
587	41	48	41	38	35	43	39	41	42
584	39	45	38	36	33	40	37	39	39
581	36	43	36	34	31	38	35	37	37
578	34	41	33	31	29	35	33	34	34
575	32	38	31	29	27	32	31	32	32

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
572	30	35	29	27	25	30	28	30	29
569	27	33	26	25	23	28	26	28	27
566	25	31	24	24	21	26	24	26	25
563	23	29	22	22	19	24	22	24	23
560	21	27	20	20	18	22	21	22	21
557	20	24	19	19	16	21	19	20	20
554	18	22	17	17	14	19	18	18	18
551	16	20	15	16	13	17	16	16	16
548	15	18	14	14	12	16	14	15	15
545	13	16	12	13	10	14	13	13	13
542	11	14	11	12	9	13	12	11	12
539	10	12	9	11	8	11	10	10	10
536	9	11	8	9	7	10	9	9	9
533	8	9	7	8	6	9	8	8	8
530	6	8	6	7	5	8	7	6	7
527	6	6	5	6	4	7	6	5	6
524	5	5	5	6	4	6	5	4	5
521	4	4	4	5	3	5	5	4	5
518	4	3	4	4	2	5	4	3	4
515	3	3	3	4	2	4	3	2	3
512	3	2	2	3	1	3	2	3	2
509	2	1	2	2	1	2	1	2	2
506	2	1	2	2	1	2	2	1	2
503	2	1	1	1	1	2	2	1	2
500	1	1	1	1	1	1	1	1	1
497	1	1	1	1	1	1	1	1	1
494	1	1	1	1	1	1	1	1	1
491	1	1	1	1	1	1	1	1	1
488	1	1	1	1	1	1	1	1	1
485	1	1	1	1	1	1	1	1	1
482	1	1	1	1	1	1	1	1	1
479	1	1	1	1	1	1	1	1	1
476	1	1	1	1	1	1	1	1	1
473	1	1	1	1	1	1	1	1	1
470	1	1	1	1	1	1	1	1	1
467	1	1	1	1	1	1	1	1	1
464	1	1	1	1	1	1	1	1	1
461	1	1	1	1	1	1	1	1	1
458	1	1	1	1	1	1	1	1	1
455	1	1	1	1	1	1	1	1	1
452	1	1	1	1	1	1	1	1	1
449	1	1	1	1	1	1	1	1	1
446	1	1	1	1	1	1	1	1	1
443	1	1	1	1	1	1	1	1	1
440	1	1	1	1	1	1	1	1	1

Table 1B
PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
5TH GRADE - TOTAL SCALED SCORES

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
1926	86	82	84	1722	30	26	28	1518	1	1	1
1923	85	81	83	1719	29	25	27	1515	1	1	1
1920	85	80	82	1716	28	24	26	1512	1	1	1
1917	84	80	82	1713	27	24	25	1509	1	1	1
1914	83	79	81	1710	26	23	24	1506	1	1	1
1911	83	78	81	1707	25	22	24	1503	1	1	1
1908	82	77	80	1704	25	21	23	1500	1	1	1
1905	82	77	79	1701	24	21	22	1497	1	1	1
1902	81	76	79	1698	23	20	21	1494	1	1	1
1899	81	76	78	1695	22	19	21	1491	1	1	1
1896	80	75	77	1692	21	19	20	1488	1	1	1
1893	79	74	76	1689	21	18	19	1485	1	1	1
1890	78	73	76	1686	20	18	19	1482	1	1	1
1887	78	72	75	1683	19	17	18	1479	1	1	1
1884	77	72	74	1680	18	16	17	1476	1	1	1
1881	76	71	73	1677	18	16	17	1473	1	1	1
1878	75	70	73	1674	17	15	16	1470	1	1	1
1875	75	69	72	1671	16	15	15	1467	1	1	1
1872	74	69	71	1668	16	14	15	1464	1	1	1
1869	73	68	70	1665	15	14	14	1461	1	1	1
1866	72	67	70	1662	15	13	14	1458	1	1	1
1863	72	66	69	1659	14	13	13	1455	1	1	1
1860	71	65	68	1656	13	12	13	1452	1	1	1
1857	70	64	67	1653	13	12	12	1449	1	1	1
1854	70	64	66	1650	12	11	12	1446	1	1	1
1851	69	63	66	1647	11	11	11	1443	1	1	1
1848	68	62	65	1644	11	10	11	1440	1	1	1
1845	67	61	64	1641	10	10	10	1437	1	1	1
1842	67	60	63	1638	10	10	10	1434	1	1	1
1839	66	59	62	1635	9	9	9	1431	1	1	1
1836	65	58	61	1632	9	9	9	1428	1	1	1
1833	64	57	60	1629	8	8	8	1425	1	1	1
1830	63	57	60	1626	8	8	8	1422	1	1	1
1827	62	56	59	1623	7	7	7	1419	1	1	1
1824	61	55	58	1620	7	7	7	1416	1	1	1
1821	60	54	57	1617	7	7	7	1413	1	1	1
1818	59	53	56	1614	6	6	6	1410	1	1	1
1815	59	52	55	1611	6	6	6	1407	1	1	1
1812	58	51	54	1608	5	6	5	1404	1	1	1
1809	57	51	54	1605	5	5	5	1401	1	1	1
1806	56	50	53	1602	5	5	5	1398	1	1	1
1803	56	49	52	1599	5	5	5	1395	1	1	1
1800	54	48	51	1596	4	4	4	1392	1	1	1
1797	53	47	50	1593	4	4	4	1389	1	1	1
1794	52	46	49	1590	4	4	4	1386	1	1	1
1791	51	45	48	1587	3	3	3	1383	1	1	1
1788	50	44	47	1584	3	3	3	1380	1	1	1
1785	49	43	46	1581	3	3	3	1377	1	1	1
1782	49	42	45	1578	2	3	3	1374	1	1	1
1779	48	41	44	1575	2	3	3	1371	1	1	1
1776	47	40	43	1572	2	3	2	1368	1	1	1
1773	46	40	43	1569	2	2	2	1365	1	1	1
1770	45	39	42	1566	2	2	2	1362	1	1	1
1767	44	38	41	1563	2	2	2	1359	1	1	1
1764	43	37	40	1560	2	2	2	1356	1	1	1
1761	42	36	39	1557	1	2	1	1353	1	1	1
1758	41	35	38	1554	1	1	1	1350	1	1	1
1755	40	34	37	1551	1	1	1	1347	1	1	1
1752	39	34	36	1548	1	1	1	1344	1	1	1
1749	38	33	36	1545	1	1	1	1341	1	1	1
1746	37	32	35	1542	1	1	1	1338	1	1	1
1743	36	31	33	1539	1	1	1	1335	1	1	1
1740	35	30	33	1536	1	1	1	1332	1	1	1
1737	34	30	32	1533	1	1	1	1329	1	1	1
1734	34	29	31	1530	1	1	1	1326	1	1	1
1731	33	28	30	1527	1	1	1	1323	1	1	1
1728	32	27	29	1524	1	1	1	1320	1	1	1
1725	31	26	29	1521	1	1	1				

Table 2A**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
6TH GRADE - VERBAL, QUANTITATIVE, AND READING**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
710	99	99	99	99	99	99	99	99	99
707	97	99	98	97	98	99	97	99	98
704	96	99	97	96	98	98	96	98	98
701	96	99	97	95	97	97	96	98	97
698	95	98	96	95	96	97	95	97	97
695	94	97	95	94	94	96	94	96	95
692	93	96	94	93	93	95	93	94	94
689	92	95	93	91	91	94	92	93	94
686	91	94	91	90	90	93	90	92	92
683	90	92	90	89	88	91	89	90	91
680	88	91	89	88	86	90	88	88	90
677	87	89	88	86	84	90	87	86	89
674	86	88	86	85	82	88	85	85	87
671	84	87	85	83	79	87	83	82	86
668	82	85	83	81	77	85	81	81	84
665	80	83	82	79	75	83	79	79	82
662	78	82	80	77	72	82	78	77	81
659	76	80	78	75	70	80	76	74	79
656	74	78	76	73	67	78	73	72	77
653	72	76	74	71	65	76	72	70	75
650	70	74	73	69	63	75	70	68	74
647	68	72	70	66	60	73	67	66	71
644	66	69	68	64	57	71	65	63	70
641	64	67	66	62	55	69	63	61	67
638	61	65	64	60	53	66	60	58	65
635	59	62	62	57	50	64	58	56	63
632	57	60	60	55	48	62	56	54	61
629	54	57	57	53	46	59	53	51	58
626	52	55	55	51	44	58	51	49	56
623	49	53	52	48	41	56	49	47	54
620	47	50	50	46	39	53	46	44	52
617	45	48	48	43	37	51	44	42	50
614	43	46	46	41	34	49	42	40	48
611	40	44	43	39	32	46	40	38	45
608	38	42	41	37	30	44	38	35	43
605	36	39	39	35	28	42	36	33	41
602	34	37	37	33	27	40	33	31	39
599	32	34	35	31	25	38	32	29	36
596	30	32	33	30	23	36	30	27	34
593	28	30	30	27	21	34	28	25	32
590	26	28	29	26	20	32	26	24	30
587	25	26	27	24	18	30	24	22	29
584	23	25	25	23	17	28	23	21	26
581	21	23	23	21	16	26	21	19	25
578	20	21	21	20	15	24	20	18	22
575	18	19	19	18	14	22	18	16	21

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
572	16	18	17	17	13	20	17	15	19
569	15	16	15	16	12	19	15	14	17
566	14	15	14	15	11	17	14	13	16
563	13	14	13	13	10	16	13	12	15
560	12	12	12	12	9	15	12	11	13
557	11	11	11	11	8	14	11	9	12
554	10	9	10	10	7	12	10	8	11
551	9	8	9	9	7	11	9	7	10
548	7	8	8	8	6	10	8	7	9
545	7	7	7	8	5	9	7	6	8
542	6	6	6	7	4	8	6	5	7
539	5	5	5	6	4	7	6	4	6
536	5	4	5	5	3	6	5	4	6
533	4	4	4	5	3	6	5	3	5
530	4	3	4	4	2	5	4	3	4
527	3	3	3	4	2	4	3	2	4
524	3	2	3	3	2	3	3	2	3
521	2	2	2	3	1	3	3	1	3
518	2	1	2	2	1	3	2	1	2
515	2	1	2	2	1	2	2	1	2
512	1	1	1	1	1	2	1	1	2
509	1	1	1	1	1	2	1	1	2
506	1	1	1	1	1	1	1	1	1
503	1	1	1	1	1	1	1	1	1
500	1	1	1	1	1	1	1	1	1
497	1	1	1	1	1	1	1	1	1
494	1	1	1	1	1	1	1	1	1
491	1	1	1	1	1	1	1	1	1
488	1	1	1	1	1	1	1	1	1
485	1	1	1	1	1	1	1	1	1
482	1	1	1	1	1	1	1	1	1
479	1	1	1	1	1	1	1	1	1
476	1	1	1	1	1	1	1	1	1
473	1	1	1	1	1	1	1	1	1
470	1	1	1	1	1	1	1	1	1
467	1	1	1	1	1	1	1	1	1
464	1	1	1	1	1	1	1	1	1
461	1	1	1	1	1	1	1	1	1
458	1	1	1	1	1	1	1	1	1
455	1	1	1	1	1	1	1	1	1
452	1	1	1	1	1	1	1	1	1
449	1	1	1	1	1	1	1	1	1
446	1	1	1	1	1	1	1	1	1
443	1	1	1	1	1	1	1	1	1
440	1	1	1	1	1	1	1	1	1

Table 2B**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
6TH GRADE - TOTAL SCALED SCORES**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
2130	99	99	99
2127	99	99	99
2124	99	99	99
2121	99	99	99
2118	99	99	99
2115	99	99	99
2112	99	99	99
2109	99	99	99
2106	99	99	99
2103	99	99	99
2100	99	99	99
2097	99	98	98
2094	98	98	98
2091	98	98	98
2088	98	98	98
2085	98	97	97
2082	97	97	97
2079	97	97	97
2076	97	96	96
2073	96	96	96
2070	96	96	96
2067	95	95	95
2064	95	95	95
2061	95	94	95
2058	94	94	94
2055	94	93	94
2052	94	93	93
2049	93	93	93
2046	93	92	93
2043	93	92	92
2040	92	91	92
2037	92	91	91
2034	91	90	91
2031	91	90	90
2028	90	89	90
2025	90	89	89
2022	89	88	89
2019	89	88	88
2016	88	87	88
2013	88	86	87
2010	87	86	86
2007	86	85	86
2004	86	84	85
2001	85	84	84
1998	84	83	84
1995	84	82	83
1992	83	81	82
1989	83	81	82
1986	82	80	81
1983	81	79	80
1980	80	79	79
1977	80	78	79
1974	79	77	78
1971	78	76	77
1968	78	76	77
1965	77	75	76
1962	76	74	75
1959	76	73	75
1956	75	73	74
1953	74	72	73
1950	74	71	72
1947	73	70	71
1944	72	69	71
1941	71	69	70
1938	71	68	69
1935	70	67	68
1932	69	66	68
1929	68	65	67

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
1926	68	65	66
1923	67	64	65
1920	66	63	64
1917	65	62	63
1914	64	61	63
1911	63	60	62
1908	63	59	61
1905	62	58	60
1902	61	58	59
1899	60	57	58
1896	59	56	58
1893	59	55	57
1890	58	54	56
1887	57	53	55
1884	56	53	54
1881	55	52	53
1878	54	51	52
1875	54	49	51
1872	53	48	51
1869	52	48	50
1866	51	47	49
1863	51	46	48
1860	50	45	47
1857	49	44	46
1854	48	43	45
1851	47	42	45
1848	47	42	44
1845	46	41	43
1842	45	40	42
1839	44	39	41
1836	43	38	40
1833	42	38	40
1830	41	37	39
1827	40	36	38
1824	39	35	37
1821	38	34	36
1818	38	33	35
1815	37	33	35
1812	36	32	34
1809	35	32	33
1806	34	31	32
1803	33	30	32
1800	33	29	31
1797	32	29	30
1794	31	28	29
1791	30	27	29
1788	30	26	28
1785	29	26	27
1782	28	25	26
1779	27	24	26
1776	27	24	25
1773	26	23	24
1770	25	23	24
1767	24	22	23
1764	24	21	22
1761	23	21	22
1758	22	20	21
1755	22	19	20
1752	21	19	20
1749	20	18	19
1746	19	18	19
1743	19	18	18
1740	18	17	17
1737	17	17	17
1734	17	16	16
1731	16	16	16
1728	16	15	15
1725	15	14	15

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
1722	15	14	14
1719	14	14	14
1716	13	13	13
1713	13	13	13
1710	13	12	13
1707	12	12	12
1704	12	11	11
1701	11	11	11
1698	11	11	11
1695	10	10	10
1692	10	10	10
1689	10	10	10
1686	9	9	9
1683	9	9	9
1680	8	9	9
1677	8	9	8
1674	8	8	8
1671	7	8	8
1668	7	8	7
1665	7	7	7
1662	6	7	7
1659	6	7	6
1656	6	7	6
1653	5	6	6
1650	5	6	6
1647	5	6	5
1644	5	5	5
1641	4	5	5
1638	4	5	5
1635	4	5	4
1632	4	4	4
1629	4	4	4
1626	3	4	4
1623	3	4	3
1620	3	3	3
1617	3	3	3
1614	3	3	3
1611	2	3	3
1608	2	3	3
1605	2	3	2
1602	2	2	2
1599	2	2	2
1596	2	2	2
1593	2	2	2
1590	1	2	2
1587	1	2	1
1584	1	1	1
1581	1	1	1
1578	1	1	1
1575	1	1	1
1572	1	1	1
1569	1	1	1
1566	1	1	1
1563	1	1	1
1560	1	1	1
1557	1	1	1
1554	1	1	1
1551	1	1	1
1548	1	1	1
1545	1	1	1
1542	1	1	1
1539	1	1	1
1536	1	1	1
1533	1	1	1
1530	1	1	1
1527	1	1	1
1524	1	1	1
1521	1	1	1

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
1518	1	1	1
1515	1	1	1
1512	1	1	1
1509	1	1	1
1506	1	1	1
1503	1	1	1
1500	1	1	1
1497	1	1	1
1494	1	1	1
1491	1	1	1
1488	1	1	1
1485	1	1	1
1482	1	1	1
1479	1	1	1
1476	1	1	1
1473	1	1	1
1470	1	1	1
1467	1	1	1
1464	1	1	1
1461	1	1	1
1458	1	1	1
1455	1	1	1
1452	1	1	1
1449	1	1	1
1446	1	1	1
1443	1	1	1
1440	1	1	1
1437	1	1	1
1434	1	1	1
1431	1	1	1
1428	1	1	1
1425	1	1	1
1422	1	1	1
1419	1	1	1
1416	1	1	1
1413	1	1	1
1410	1	1	1
1407	1	1	1
1404	1	1	1
1401	1	1	1
1398	1	1	1
1395	1	1	1
1392	1	1	1
1389	1	1	1
1386	1	1	1
1383	1	1	1
1380	1	1	1
1377	1	1	1
1374	1	1	1
1371	1	1	1
1368	1	1	1
1365	1	1	1
1362	1	1	1
1359	1	1	1
1356	1	1	1
1353	1	1	1
1350	1	1	1
1347	1	1	1
1344	1	1	1
1341	1	1	1
1338	1	1	1
1335	1	1	1
1332	1	1	1
1329	1	1	1
1326	1	1	1
1323	1	1	1
1320	1	1	1

Table 3A**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
7TH GRADE - VERBAL, QUANTITATIVE, AND READING**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
710	99	99	99	99	99	99	99	99	99
707	94	98	96	95	96	97	94	97	96
704	93	97	95	94	95	96	93	96	95
701	92	96	92	92	93	94	92	95	93
698	90	95	91	91	92	93	91	93	92
695	89	94	90	89	90	92	89	92	91
692	87	92	88	88	87	91	87	90	89
689	85	90	87	86	85	89	85	87	88
686	83	88	84	84	82	88	83	85	86
683	81	86	82	83	79	86	82	83	84
680	79	83	81	81	76	84	80	80	83
677	77	81	79	78	74	82	77	77	81
674	75	78	76	76	70	80	75	74	78
671	72	75	75	74	67	79	73	71	77
668	70	72	72	71	64	76	70	68	75
665	68	70	70	68	62	74	68	66	72
662	66	67	68	66	59	72	66	63	70
659	63	64	66	64	56	69	63	59	68
656	60	61	63	61	53	67	61	57	65
653	58	58	61	59	50	65	59	54	63
650	56	56	59	57	47	63	56	51	61
647	54	53	56	54	45	60	54	49	58
644	51	50	54	52	42	58	52	46	56
641	49	47	51	50	39	56	50	43	53
638	46	45	48	48	37	53	47	41	51
635	44	42	46	46	35	51	45	38	49
632	42	39	44	44	33	49	43	36	47
629	39	37	42	41	31	46	40	34	44
626	37	34	40	39	29	44	38	32	42
623	35	33	39	37	27	42	36	30	41
620	33	30	36	35	25	40	34	28	38
617	30	28	34	33	23	38	32	26	36
614	29	27	32	31	22	36	30	24	34
611	27	25	30	29	20	34	28	22	32
608	25	23	28	27	19	32	26	21	30
605	23	21	26	25	17	30	24	19	28
602	22	20	25	24	16	28	23	18	27
599	20	18	22	22	15	27	21	17	25
596	19	17	21	20	14	25	20	16	23
593	18	16	19	19	13	23	18	14	21
590	16	15	17	18	12	22	17	13	20
587	15	13	16	16	11	20	16	12	18
584	14	13	15	15	10	19	15	11	17
581	13	12	13	14	9	18	14	10	16
578	12	11	12	13	8	16	13	9	14
575	11	10	11	12	8	15	12	9	13

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
572	10	9	10	11	7	14	11	8	12
569	10	8	9	10	6	12	10	7	11
566	9	7	8	9	6	11	9	7	10
563	8	7	7	8	5	10	8	6	9
560	7	6	7	8	5	9	8	5	8
557	7	5	6	7	4	9	7	5	7
554	6	5	5	6	4	8	6	4	7
551	5	4	4	6	3	7	6	4	6
548	5	4	4	5	3	6	5	3	5
545	4	3	4	5	2	6	4	3	5
542	4	3	3	4	2	5	4	2	4
539	3	2	3	4	2	4	4	2	3
536	3	2	2	3	1	4	3	2	3
533	3	2	2	3	1	3	3	2	3
530	2	1	2	3	1	3	2	1	2
527	2	1	1	2	1	2	2	1	2
524	2	1	1	2	1	2	2	1	2
521	2	1	1	2	1	2	2	1	1
518	1	1	1	2	1	2	2	1	1
515	1	1	1	2	1	1	1	1	1
512	1	1	1	1	1	1	1	1	1
509	1	1	1	1	1	1	1	1	1
506	1	1	1	1	1	1	1	1	1
503	1	1	1	1	1	1	1	1	1
500	1	1	1	1	1	1	1	1	1
497	1	1	1	1	1	1	1	1	1
494	1	1	1	1	1	1	1	1	1
491	1	1	1	1	1	1	1	1	1
488	1	1	1	1	1	1	1	1	1
485	1	1	1	1	1	1	1	1	1
482	1	1	1	1	1	1	1	1	1
479	1	1	1	1	1	1	1	1	1
476	1	1	1	1	1	1	1	1	1
473	1	1	1	1	1	1	1	1	1
470	1	1	1	1	1	1	1	1	1
467	1	1	1	1	1	1	1	1	1
464	1	1	1	1	1	1	1	1	1
461	1	1	1	1	1	1	1	1	1
458	1	1	1	1	1	1	1	1	1
455	1	1	1	1	1	1	1	1	1
452	1	1	1	1	1	1	1	1	1
449	1	1	1	1	1	1	1	1	1
446	1	1	1	1	1	1	1	1	1
443	1	1	1	1	1	1	1	1	1
440	1	1	1	1	1	1	1	1	1

Table 3B**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
7TH GRADE - TOTAL SCALED SCORES**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
2130	99	99	99
2127	99	99	99
2124	99	99	99
2121	99	99	99
2118	99	99	99
2115	99	99	99
2112	99	98	98
2109	98	98	98
2106	98	98	98
2103	98	97	97
2100	97	96	97
2097	97	96	96
2094	96	95	96
2091	95	95	95
2088	95	94	95
2085	94	94	94
2082	94	94	94
2079	93	93	93
2076	92	92	92
2073	92	92	92
2070	91	91	91
2067	90	90	90
2064	90	90	90
2061	89	89	89
2058	89	88	89
2055	88	88	88
2052	87	87	87
2049	86	86	86
2046	85	85	85
2043	84	85	85
2040	84	84	84
2037	83	83	83
2034	82	83	82
2031	81	82	82
2028	81	81	81
2025	80	80	80
2022	79	79	79
2019	78	78	78
2016	78	77	77
2013	76	76	76
2010	76	75	75
2007	75	74	74
2004	74	73	74
2001	73	72	73
1998	72	72	72
1995	72	70	71
1992	71	70	70
1989	70	69	69
1986	69	67	68
1983	68	66	67
1980	67	66	66
1977	66	65	65
1974	65	64	64
1971	64	63	63
1968	63	62	62
1965	62	61	61
1962	61	60	61
1959	60	59	60
1956	59	58	59
1953	58	58	58
1950	57	57	57
1947	57	56	56
1944	56	55	55
1941	55	55	55
1938	54	54	54
1935	53	53	53
1932	52	52	52
1929	51	51	51

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
1926	50	50	50
1923	49	49	49
1920	49	48	48
1917	48	47	47
1914	47	46	46
1911	46	45	46
1908	45	44	45
1905	44	43	44
1902	43	43	43
1899	42	41	42
1896	41	41	41
1893	41	40	40
1890	40	39	39
1887	39	38	39
1884	38	37	38
1881	37	37	37
1878	37	36	36
1875	36	35	36
1872	35	34	35
1869	34	34	34
1866	33	33	33
1863	32	32	32
1860	32	32	32
1857	31	31	31
1854	30	30	30
1851	29	30	29
1848	28	29	29
1845	27	28	28
1842	27	28	27
1839	26	27	27
1836	26	26	26
1833	25	26	25
1830	25	25	25
1827	24	24	24
1824	23	24	24
1821	23	23	23
1818	22	23	22
1815	21	22	22
1812	21	22	21
1809	20	21	21
1806	19	20	20
1803	19	20	19
1800	18	19	19
1797	18	19	18
1794	17	18	18
1791	17	17	17
1788	16	17	16
1785	15	16	16
1782	15	16	15
1779	14	15	15
1776	14	15	15
1773	13	15	14
1770	13	14	13
1767	12	13	13
1764	12	13	12
1761	11	12	12
1758	11	12	12
1755	11	12	11
1752	10	11	11
1749	10	11	10
1746	10	11	10
1743	9	10	10
1740	9	10	9
1737	8	9	9
1734	8	9	8
1731	8	8	8
1728	8	8	8
1725	7	8	8

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
1722	7	8	7
1719	7	7	7
1716	6	7	7
1713	6	7	7
1710	6	7	6
1707	6	6	6
1704	5	6	6
1701	5	6	6
1698	5	6	5
1695	5	5	5
1692	5	5	5
1689	4	5	5
1686	4	5	4
1683	4	5	4
1680	4	4	4
1677	3	4	4
1674	3	4	4
1671	3	4	3
1668	3	3	3
1665	3	3	3
1662	3	3	3
1659	3	3	3
1656	2	3	3
1653	2	3	3
1650	2	2	2
1647	2	2	2
1644	2	2	2
1641	2	2	2
1638	2	2	2
1635	2	2	2
1632	2	2	2
1629	2	2	2
1626	2	2	2
1623	1	2	2
1620	1	1	1
1617	1	1	1
1614	1	1	1
1611	1	1	1
1608	1	1	1
1605	1	1	1
1602	1	1	1
1599	1	1	1
1596	1	1	1
1593	1	1	1
1590	1	1	1
1587	1	1	1
1584	1	1	1
1581	1	1	1
1578	1	1	1
1575	1	1	1
1572	1	1	1
1569	1	1	1
1566	1	1	1
1563	1	1	1
1560	1	1	1
1557	1	1	1
1554	1	1	1
1551	1	1	1
1548	1	1	1
1545	1	1	1
1542	1	1	1
1539	1	1	1
1536	1	1	1
1533	1	1	1
1530	1	1	1
1527	1	1	1
1524	1	1	1
1521	1	1	1

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
1518	1	1	1
1515	1	1	1
1512	1	1	1
1509	1	1	1
1506	1	1	1
1503	1	1	1
1500	1	1	1
1497	1	1	1
1494	1	1	1
1491	1	1	1
1488	1	1	1
1485	1	1	1
1482	1	1	1
1479	1	1	1
1476	1	1	1
1473	1	1	1
1470	1	1	1
1467	1	1	1
1464	1	1	1
1461	1	1	1
1458	1	1	1
1455	1	1	1
1452	1	1	1
1449	1	1	1
1446	1	1	1
1443	1	1	1
1440	1	1	1
1437	1	1	1
1434	1	1	1
1431	1	1	1
1428	1	1	1
1425	1	1	1
1422	1	1	1
1419	1	1	1
1416	1	1	1
1413	1	1	1
1410	1	1	1
1407	1	1	1
1404	1	1	1
1401	1	1	1
1398	1	1	1
1395	1	1	1
1392	1	1	1
1389	1	1	1
1386	1	1	1
1383	1	1	1
1380	1	1	1
1377	1	1	1
1374	1	1	1
1371	1	1	1
1368	1	1	1
1365	1	1	1
1362	1	1	1
1359	1	1	1
1356	1	1	1
1353	1	1	1
1350	1	1	1
1347	1	1	1
1344	1	1	1
1341	1	1	1
1338	1	1	1
1335	1	1	1
1332	1	1	1
1329	1	1	1
1326	1	1	1
1323	1	1	1
1320	1	1	1

Table 4A**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
8TH GRADE - VERBAL, QUANTITATIVE, AND READING**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
800	99	99	99	99	99	99	99	99	99
797	99	98	99	99	96	99	99	97	99
794	98	97	99	98	95	99	98	96	99
791	98	97	99	98	94	99	98	96	99
788	98	96	99	98	94	99	98	95	99
785	97	96	99	97	93	99	97	95	99
782	97	96	99	97	92	99	97	94	99
779	97	95	99	96	91	99	97	93	99
776	96	94	99	96	90	99	96	92	99
773	96	94	99	96	89	99	96	92	99
770	95	93	99	95	88	99	95	91	99
767	95	93	98	94	87	99	95	90	98
764	94	92	98	94	86	98	94	89	98
761	93	91	98	93	85	98	93	88	98
758	93	90	98	92	84	98	92	87	98
755	92	89	97	92	83	98	92	86	98
752	91	89	97	91	82	97	91	85	97
749	90	88	97	90	81	97	90	84	97
746	89	87	96	89	80	97	89	83	97
743	88	86	96	88	79	96	88	82	96
740	87	85	95	87	77	96	87	81	96
737	86	84	95	86	76	96	86	80	95
734	85	83	95	85	75	95	85	79	95
731	84	81	94	84	74	95	84	77	94
728	83	80	93	83	72	93	83	76	93
725	81	79	92	81	70	93	81	75	92
722	80	77	91	80	69	91	80	73	91
719	79	76	89	79	67	90	79	72	90
716	78	75	88	78	66	89	78	70	88
713	76	73	86	76	65	87	76	69	86
710	75	71	84	75	63	86	75	67	85
707	73	70	83	74	61	84	73	66	84
704	72	68	81	72	60	83	72	64	82
701	70	67	80	71	58	81	70	62	80
698	68	65	77	69	57	79	69	61	78
695	67	63	75	68	55	78	67	59	76
692	65	61	74	66	53	76	66	57	75
689	64	60	71	65	51	74	64	56	73
686	62	58	70	63	50	73	63	54	71
683	60	56	68	61	48	71	61	52	69
680	59	54	65	60	46	69	59	50	67
677	57	52	63	58	45	67	57	49	65
674	55	51	61	56	43	65	56	47	63
671	53	49	59	55	41	64	54	45	61
668	52	47	57	53	40	61	52	43	59
665	50	45	55	52	38	59	51	42	57
662	48	43	53	50	37	57	49	40	55
659	46	41	51	48	35	55	47	38	53
656	44	40	49	47	33	53	45	37	51
653	43	38	47	45	32	52	44	35	49
650	41	36	44	43	30	49	42	33	47

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
647	39	35	43	42	29	48	40	32	45
644	38	33	41	40	28	46	39	30	43
641	36	31	39	38	26	44	37	29	41
638	34	30	37	37	25	42	35	27	39
635	33	28	35	35	24	40	34	26	37
632	31	26	33	33	22	38	32	24	35
629	29	25	31	32	21	36	31	23	34
626	27	23	29	30	20	34	29	22	32
623	26	22	27	29	19	33	28	20	30
620	25	21	25	28	18	31	26	19	28
617	23	19	24	26	17	29	25	18	26
614	22	18	22	25	15	27	23	17	25
611	20	17	20	24	14	26	22	16	23
608	19	15	19	22	13	24	21	14	21
605	18	14	17	21	12	22	19	13	20
602	17	13	16	20	11	21	18	12	18
599	16	12	15	18	11	19	17	11	17
596	14	11	13	17	10	18	16	10	16
593	13	10	12	16	9	17	15	9	14
590	12	9	11	15	8	15	14	9	13
587	11	8	10	14	7	14	13	8	12
584	10	7	9	13	7	13	12	7	11
581	10	7	8	12	6	12	11	6	10
578	9	6	7	11	5	11	10	6	9
575	8	5	6	10	5	9	9	5	7
572	7	5	5	9	4	8	8	5	7
569	6	4	4	8	4	7	7	4	6
566	6	4	4	8	3	6	7	4	5
563	5	3	3	7	3	6	6	3	4
560	5	3	3	6	3	5	5	3	4
557	4	2	2	6	2	4	5	2	3
554	4	2	2	5	2	4	4	2	3
551	3	2	2	4	2	3	4	2	2
548	3	1	1	4	1	3	3	1	2
545	2	1	1	3	1	2	3	1	2
542	2	1	1	3	1	2	2	1	1
539	2	1	1	2	1	2	2	1	1
536	1	1	1	2	1	1	2	1	1
533	1	1	1	2	1	1	1	1	1
530	1	1	1	2	1	1	1	1	1
527	1	1	1	1	1	1	1	1	1
524	1	1	1	1	1	1	1	1	1
521	1	1	1	1	1	1	1	1	1
518	1	1	1	1	1	1	1	1	1
515	1	1	1	1	1	1	1	1	1
512	1	1	1	1	1	1	1	1	1
509	1	1	1	1	1	1	1	1	1
506	1	1	1	1	1	1	1	1	1
503	1	1	1	1	1	1	1	1	1
500	1	1	1	1	1	1	1	1	1

Table 4B**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
8TH GRADE - TOTAL SCALED SCORES**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
2400	99	99	99	2175	86	84	85	1950	39	39	39
2397	99	99	99	2172	86	84	85	1947	38	38	38
2394	99	99	99	2169	85	83	84	1944	37	38	38
2391	99	99	99	2166	85	83	84	1941	37	37	37
2388	99	99	99	2163	84	82	83	1938	36	36	36
2385	99	99	99	2160	84	82	83	1935	35	36	36
2382	99	99	99	2157	84	81	82	1932	35	35	35
2379	99	99	99	2154	83	81	82	1929	34	35	34
2376	99	99	99	2151	83	80	82	1926	33	34	34
2373	99	99	99	2148	82	80	81	1923	33	33	33
2370	99	99	99	2145	82	79	80	1920	32	33	32
2367	99	99	99	2142	81	79	80	1917	31	32	32
2364	99	99	99	2139	81	78	79	1914	31	32	31
2361	99	99	99	2136	80	78	79	1911	30	31	31
2358	99	99	99	2133	80	77	78	1908	30	30	30
2355	99	99	99	2130	79	76	78	1905	29	30	29
2352	99	99	99	2127	79	76	77	1902	28	29	29
2349	99	99	99	2124	78	75	77	1899	28	28	28
2346	99	99	99	2121	77	75	76	1896	27	28	27
2343	99	99	99	2118	77	74	75	1893	26	27	27
2340	99	99	99	2115	76	74	75	1890	26	27	26
2337	99	99	99	2112	76	73	74	1887	25	26	26
2334	99	99	99	2109	75	73	74	1884	24	26	25
2331	99	99	99	2106	74	72	73	1881	24	25	24
2328	99	99	99	2103	74	71	73	1878	23	24	24
2325	99	99	99	2100	73	71	72	1875	23	24	23
2322	99	98	99	2097	73	70	71	1872	22	24	23
2319	99	98	98	2094	72	70	71	1869	22	23	22
2316	98	98	98	2091	71	69	70	1866	21	22	22
2313	98	98	98	2088	71	69	70	1863	20	22	21
2310	98	98	98	2085	70	68	69	1860	20	21	21
2307	98	98	98	2082	69	67	68	1857	19	21	20
2304	98	98	98	2079	69	67	68	1854	19	20	20
2301	98	97	98	2076	68	66	67	1851	18	20	19
2298	98	97	97	2073	67	65	66	1848	18	19	18
2295	97	97	97	2070	67	65	66	1845	17	19	18
2292	97	97	97	2067	66	64	65	1842	17	18	17
2289	97	97	97	2064	66	64	65	1839	16	18	17
2286	97	96	97	2061	65	63	64	1836	16	17	17
2283	97	96	97	2058	64	62	63	1833	15	17	16
2280	97	96	96	2055	64	62	63	1830	15	16	16
2277	97	96	96	2052	63	61	62	1827	14	16	15
2274	96	96	96	2049	62	60	61	1824	14	16	15
2271	96	95	96	2046	61	60	61	1821	13	15	14
2268	96	95	96	2043	61	59	60	1818	13	15	14
2265	96	95	95	2040	60	59	59	1815	13	14	13
2262	96	95	95	2037	59	58	59	1812	12	14	13
2259	95	94	95	2034	59	57	58	1809	12	14	13
2256	95	94	95	2031	58	57	57	1806	11	13	12
2253	95	94	94	2028	57	56	57	1803	11	13	12
2250	95	93	94	2025	57	55	56	1800	10	12	11
2247	95	93	94	2022	56	55	55	1797	10	12	11
2244	94	93	94	2019	55	54	55	1794	10	12	11
2241	94	93	93	2016	54	53	54	1791	9	11	10
2238	94	92	93	2013	54	53	53	1788	9	11	10
2235	93	92	93	2010	53	52	53	1785	9	10	10
2232	93	92	92	2007	52	51	52	1782	8	10	9
2229	93	91	92	2004	51	51	51	1779	8	10	9
2226	93	91	92	2001	51	50	50	1776	8	9	9
2223	92	91	91	1998	50	49	50	1773	7	9	8
2220	92	90	91	1995	49	49	49	1770	7	9	8
2217	92	90	91	1992	49	48	48	1767	7	8	8
2214	91	90	90	1989	48	47	48	1764	7	8	7
2211	91	89	90	1986	47	47	47	1761	6	8	7
2208	91	89	90	1983	47	46	46	1758	6	7	7
2205	90	88	89	1980	46	45	46	1755	6	7	6
2202	90	88	89	1977	45	45	45	1752	6	7	6
2199	90	88	89	1974	44	44	44	1749	5	7	6
2196	89	87	88	1971	44	43	44	1746	5	6	6
2193	89	87	88	1968	43	43	43	1743	5	6	5
2190	88	86	87	1965	42	42	42	1740	5	6	5
2187	88	86	87	1962	42	41	42	1737	5	6	5
2184	87	86	87	1959	41	41	41	1734	4	5	5
2181	87	85	86	1956	40	40	40	1731	4	5	5
2178	87	85	86	1953	40	40	40	1728	4	5	4

Table 5A**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
9TH GRADE - VERBAL, QUANTITATIVE, AND READING**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
800	99	99	99	99	99	99	99	99	99
797	97	95	99	97	92	99	97	93	99
794	97	94	99	97	91	99	97	92	99
791	96	93	99	96	89	99	96	91	99
788	96	92	99	96	88	99	96	90	99
785	95	91	99	95	87	99	95	89	99
782	95	90	99	95	86	99	95	88	99
779	94	89	99	94	85	99	94	87	99
776	93	88	99	94	83	99	94	85	99
773	93	87	98	93	82	98	93	84	98
770	92	85	98	92	81	98	92	83	98
767	91	84	98	92	80	98	91	82	98
764	91	83	97	91	78	98	91	80	97
761	90	81	97	90	77	97	90	79	97
758	89	80	96	89	75	97	89	77	97
755	88	79	96	88	74	97	88	76	97
752	86	77	95	88	72	96	87	75	96
749	85	76	95	87	71	96	86	73	95
746	84	74	95	86	70	96	85	72	95
743	83	73	94	84	68	95	84	70	94
740	82	71	93	83	67	94	83	69	94
737	81	70	93	82	66	94	82	68	94
734	80	69	92	82	64	94	81	66	93
731	78	67	92	80	62	93	79	64	92
728	77	65	90	79	61	92	78	63	91
725	75	64	89	77	59	91	76	61	90
722	74	62	87	76	58	89	75	60	88
719	73	60	86	75	57	88	74	58	87
716	71	59	84	74	55	86	73	57	85
713	70	58	81	72	54	84	71	56	83
710	68	56	80	71	52	83	70	54	81
707	67	54	77	70	51	81	69	52	80
704	65	52	75	69	49	79	67	50	77
701	63	51	74	67	47	78	65	49	76
698	62	49	71	66	46	76	64	47	73
695	60	47	69	64	45	74	62	46	72
692	58	45	67	63	43	73	61	44	70
689	57	44	65	62	42	71	59	43	68
686	55	42	63	60	40	69	58	41	66
683	53	41	61	58	39	67	56	40	64
680	52	39	58	57	37	66	55	38	62
677	50	38	57	55	36	64	53	37	61
674	49	36	54	54	35	62	52	35	58
671	47	35	52	53	33	60	50	34	56
668	45	33	50	51	32	58	49	33	54
665	44	32	48	50	30	56	47	31	53
662	42	30	46	48	29	54	45	30	51
659	40	29	44	47	28	52	44	28	48
656	39	28	42	45	26	50	42	27	46
653	37	27	40	44	25	48	41	26	45
650	36	25	38	42	24	46	39	24	42

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
647	35	24	36	41	22	44	38	23	41
644	33	23	35	39	21	43	37	22	39
641	31	21	33	38	20	41	35	21	37
638	30	20	31	36	19	39	33	20	36
635	29	19	29	35	18	37	32	19	34
632	27	18	27	34	17	35	31	18	32
629	26	17	26	32	17	34	29	17	30
626	24	16	24	30	15	32	28	16	29
623	23	14	23	30	14	30	27	14	27
620	22	13	21	28	14	28	25	14	25
617	21	12	19	27	13	27	24	13	23
614	19	12	18	25	12	25	23	12	22
611	18	11	17	24	11	24	22	11	21
608	17	10	16	23	10	22	20	10	19
605	16	9	15	21	10	21	19	9	18
602	15	8	14	20	9	20	18	9	17
599	14	8	12	19	8	18	17	8	15
596	13	7	11	18	8	17	16	7	14
593	12	6	10	17	7	15	15	7	13
590	11	6	9	16	6	14	14	6	12
587	11	5	8	15	6	13	13	5	11
584	10	4	7	14	5	12	12	5	10
581	9	4	7	13	5	11	11	5	9
578	9	4	6	12	4	10	11	4	8
575	8	3	5	11	4	8	10	4	7
572	7	3	5	10	3	8	9	3	6
569	7	3	4	10	3	7	8	3	6
566	6	2	3	9	3	6	8	3	5
563	5	2	3	8	2	5	7	2	4
560	5	2	2	8	2	5	6	2	4
557	4	2	2	7	2	4	6	2	3
554	4	1	1	6	1	3	5	1	2
551	3	1	1	6	1	3	5	1	2
548	3	1	1	5	1	2	4	1	2
545	3	1	1	5	1	2	4	1	1
542	2	1	1	4	1	2	3	1	1
539	2	1	1	3	1	1	3	1	1
536	2	1	1	3	1	1	2	1	1
533	1	1	1	2	1	1	2	1	1
530	1	1	1	2	1	1	2	1	1
527	1	1	1	2	1	1	1	1	1
524	1	1	1	1	1	1	1	1	1
521	1	1	1	1	1	1	1	1	1
518	1	1	1	1	1	1	1	1	1
515	1	1	1	1	1	1	1	1	1
512	1	1	1	1	1	1	1	1	1
509	1	1	1	1	1	1	1	1	1
506	1	1	1	1	1	1	1	1	1
503	1	1	1	1	1	1	1	1	1
500	1	1	1	1	1	1	1	1	1

Table 5B**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
9TH GRADE - TOTAL SCALED SCORES**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
2400	99	99	99	2175	79	79	79	1950	30	35	33	1725	2	3	3
2397	99	99	99	2172	78	79	79	1947	29	34	32	1722	2	3	3
2394	99	99	99	2169	78	78	78	1944	29	34	32	1719	2	3	3
2391	99	99	99	2166	77	78	78	1941	28	33	31	1716	2	3	2
2388	99	99	99	2163	77	77	77	1938	28	33	31	1713	2	3	2
2385	99	99	99	2160	77	77	77	1935	27	32	30	1710	2	3	2
2382	99	99	99	2157	76	76	76	1932	26	32	29	1707	2	2	2
2379	99	99	99	2154	75	76	76	1929	26	31	29	1704	1	2	2
2376	99	99	99	2151	75	75	75	1926	25	30	28	1701	1	2	2
2373	99	99	99	2148	74	74	74	1923	25	30	28	1698	1	2	2
2370	99	99	99	2145	74	74	74	1920	24	29	27	1695	1	2	2
2367	99	99	99	2142	73	73	73	1917	23	29	26	1692	1	2	1
2364	99	99	99	2139	72	72	72	1914	23	28	26	1689	1	2	1
2361	99	99	99	2136	71	72	72	1911	22	27	25	1686	1	2	1
2358	99	99	99	2133	71	72	71	1908	22	27	25	1683	1	1	1
2355	99	99	99	2130	70	71	71	1905	21	26	24	1680	1	1	1
2352	99	99	99	2127	70	70	70	1902	21	26	24	1677	1	1	1
2349	99	98	99	2124	69	70	69	1899	20	25	23	1674	1	1	1
2346	99	98	98	2121	68	69	69	1896	19	25	22	1671	1	1	1
2343	99	98	98	2118	67	69	68	1893	19	24	22	1668	1	1	1
2340	98	98	98	2115	67	68	67	1890	18	24	21	1665	1	1	1
2337	98	98	98	2112	66	67	67	1887	18	23	21	1662	1	1	1
2334	98	98	98	2109	66	67	66	1884	17	22	20	1659	1	1	1
2331	98	98	98	2106	65	66	66	1881	17	22	20	1656	1	1	1
2328	98	97	97	2103	64	66	65	1878	16	22	19	1653	1	1	1
2325	98	97	97	2100	63	65	64	1875	16	21	19	1650	1	1	1
2322	97	97	97	2097	63	64	64	1872	15	20	18	1647	1	1	1
2319	97	97	97	2094	62	64	63	1869	15	20	18	1644	1	1	1
2316	97	97	97	2091	61	63	62	1866	15	19	17	1641	1	1	1
2313	97	96	97	2088	60	63	62	1863	14	19	17	1638	1	1	1
2310	97	96	96	2085	60	62	61	1860	14	18	16	1635	1	1	1
2307	96	96	96	2082	59	62	60	1857	13	18	16	1632	1	1	1
2304	96	95	96	2079	58	61	60	1854	13	17	15	1629	1	1	1
2301	96	95	96	2076	58	60	59	1851	13	17	15	1626	1	1	1
2298	96	95	95	2073	57	60	59	1848	12	16	14	1623	1	1	1
2295	95	95	95	2070	56	59	58	1845	12	16	14	1620	1	1	1
2292	95	94	95	2067	56	58	57	1842	11	16	14	1617	1	1	1
2289	95	94	94	2064	55	58	56	1839	11	15	13	1614	1	1	1
2286	95	94	94	2061	54	57	56	1836	11	15	13	1611	1	1	1
2283	94	94	94	2058	54	56	55	1833	10	14	13	1608	1	1	1
2280	94	93	94	2055	53	55	54	1830	10	14	12	1605	1	1	1
2277	94	93	93	2052	52	55	54	1827	10	13	12	1602	1	1	1
2274	93	93	93	2049	52	54	53	1824	10	13	11	1599	1	1	1
2271	93	93	93	2046	51	54	53	1821	9	13	11	1596	1	1	1
2268	93	92	92	2043	50	53	52	1818	9	12	11	1593	1	1	1
2265	92	92	92	2040	50	53	51	1815	8	12	10	1590	1	1	1
2262	92	91	92	2037	49	52	51	1812	8	11	10	1587	1	1	1
2259	91	91	91	2034	48	51	50	1809	8	11	10	1584	1	1	1
2256	91	91	91	2031	48	51	49	1806	7	11	9	1581	1	1	1
2253	91	91	91	2028	47	50	49	1803	7	10	9	1578	1	1	1
2250	90	90	90	2025	46	50	48	1800	7	10	9	1575	1	1	1
2247	90	90	90	2022	45	49	47	1797	7	10	8	1572	1	1	1
2244	90	89	90	2019	45	49	47	1794	6	9	8	1569	1	1	1
2241	89	89	89	2016	44	48	46	1791	6	9	8	1566	1	1	1
2238	89	89	89	2013	43	47	46	1788	6	9	8	1563	1	1	1
2235	89	88	88	2010	43	47	45	1785	6	8	7	1560	1	1	1
2232	88	88	88	2007	42	46	44	1782	6	8	7	1557	1	1	1
2229	88	87	88	2004	41	45	44	1779	5	8	7	1554	1	1	1
2226	88	87	87	2001	41	45	43	1776	5	7	6	1551	1	1	1
2223	87	87	87	1998	40	44	42	1773	5	7	6	1548	1	1	1
2220	87	86	87	1995	39	44	42	1770	4	7	6	1545	1	1	1
2217	86	86	86	1992	39	43	41	1767	4	7	6	1542	1	1	1
2214	86	85	86	1989	38	42	41	1764	4	6	5	1539	1	1	1
2211	85	85	85	1986	38	42	40	1761	4	6	5	1536	1	1	1
2208	85	85	85	1983	37	41	39	1758	4	6	5	1533	1	1	1
2205	84	84	84	1980	36	41	39	1755	3	6	5	1530	1	1	1
2202	84	84	84	1977	36	40	38	1752	3	5	4	1527	1	1	1
2199	84	83	83	1974	35	39	37	1749	3	5	4	1524	1	1	1
2196	83	83	83	1971	34	39	37	1746	3	5	4	1521	1	1	1
2193	82	82	82	1968	34	38	36	1743	3	5	4	1518	1	1	1
2190	82	82	82	1965	33	38	36	1740	3	4	4	1515	1	1	1
2187	81	81	81	1962	32	37	35	1737	2	4	3	1512	1	1	1
2184	80	81	81	1959	32	37	34	1734	2	4	3	1509	1	1	1
2181	80	80	80	1956	31	36	34	1731	2	4	3	1506	1	1	1
2178	79	80	80	1953	31	35	33	1728	2	4	3	1503	1	1	1

Table 6A**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
10TH GRADE - VERBAL, QUANTITATIVE, AND READING**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
800	99	99	99	99	99	99	99	99	99
797	97	95	99	98	94	99	98	95	99
794	97	94	99	98	93	99	97	93	99
791	96	92	99	97	92	99	97	92	99
788	96	92	99	97	91	99	97	91	99
785	96	91	99	97	90	99	96	90	99
782	95	90	99	96	88	99	96	89	99
779	95	88	98	96	87	99	95	88	99
776	94	86	98	96	86	99	95	86	99
773	93	85	98	95	84	99	94	85	98
770	93	83	97	95	83	98	94	83	98
767	92	82	97	94	81	98	93	82	98
764	91	81	96	93	79	98	92	80	97
761	91	79	96	92	78	97	91	78	97
758	89	76	96	91	76	97	90	76	96
755	88	75	95	91	74	96	90	75	96
752	88	73	95	90	73	96	89	73	95
749	86	72	94	89	71	96	88	72	95
746	85	71	94	88	70	95	87	70	95
743	84	69	93	87	68	94	85	68	94
740	83	67	93	85	66	94	84	67	93
737	82	66	93	85	65	94	83	65	93
734	81	64	92	84	63	93	82	64	93
731	80	63	91	83	61	93	81	62	92
728	78	61	90	81	59	92	80	60	91
725	77	59	88	80	58	91	78	58	90
722	75	58	87	79	56	89	77	57	88
719	74	56	85	78	55	88	76	56	87
716	73	55	83	76	53	86	75	54	85
713	71	53	81	76	52	85	74	52	83
710	69	51	79	74	50	83	72	50	81
707	67	49	77	73	49	82	70	49	80
704	65	48	75	71	47	80	69	47	78
701	63	46	74	70	45	79	67	45	77
698	62	44	72	69	43	77	66	44	75
695	60	42	70	67	42	75	64	42	73
692	58	41	68	65	40	74	62	40	71
689	57	39	65	64	38	72	61	39	69
686	55	38	63	63	36	70	59	37	67
683	54	36	60	61	35	68	58	35	64
680	52	35	58	59	33	66	56	34	62
677	49	33	56	58	32	64	54	32	60
674	48	32	53	56	30	62	52	31	58
671	46	31	51	55	29	60	51	30	56
668	45	29	48	53	28	58	49	28	54
665	43	28	46	52	26	57	48	27	52
662	42	27	44	50	25	54	47	26	50
659	41	25	42	49	24	52	45	25	48
656	40	24	40	47	23	50	44	24	46
653	38	24	39	46	22	49	43	23	44
650	37	22	37	44	20	46	41	21	42

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
647	36	21	35	42	19	45	39	20	41
644	34	20	34	40	18	43	38	19	39
641	33	19	32	39	17	40	36	18	37
638	32	18	31	37	16	38	35	17	35
635	31	17	28	36	15	36	33	16	33
632	29	16	26	34	14	34	32	15	31
629	28	15	25	33	13	33	31	14	29
626	26	14	23	30	13	31	28	13	27
623	25	13	22	29	11	29	27	12	26
620	24	12	21	27	11	27	26	12	24
617	23	12	19	26	10	26	25	11	23
614	22	11	18	25	9	24	24	10	22
611	21	10	17	24	9	23	23	9	20
608	20	9	16	22	8	21	21	9	19
605	19	8	14	21	8	19	20	8	17
602	17	7	14	20	7	18	19	7	16
599	16	7	12	18	6	16	17	7	15
596	16	6	11	17	6	15	16	6	13
593	14	6	10	16	6	14	15	6	12
590	14	5	9	15	5	13	14	5	11
587	13	5	8	14	4	12	13	5	10
584	12	4	7	13	4	10	12	4	9
581	11	4	7	12	4	10	12	4	8
578	10	4	6	11	3	9	11	3	8
575	9	3	5	10	3	8	10	3	6
572	8	3	4	10	2	7	9	3	6
569	7	2	4	9	2	6	8	2	5
566	7	2	3	8	2	5	8	2	4
563	6	2	3	7	2	4	7	2	4
560	5	1	3	6	2	4	6	1	3
557	5	1	2	6	1	3	5	1	3
554	5	1	2	5	1	3	5	1	2
551	4	1	1	5	1	2	4	1	2
548	4	1	1	4	1	2	4	1	2
545	3	1	1	4	1	1	3	1	1
542	3	1	1	3	1	1	3	1	1
539	2	1	1	3	1	1	3	1	1
536	2	1	1	3	1	1	2	1	1
533	2	1	1	2	1	1	2	1	1
530	1	1	1	2	1	1	2	1	1
527	1	1	1	2	1	1	1	1	1
524	1	1	1	1	1	1	1	1	1
521	1	1	1	1	1	1	1	1	1
518	1	1	1	1	1	1	1	1	1
515	1	1	1	1	1	1	1	1	1
512	1	1	1	1	1	1	1	1	1
509	1	1	1	1	1	1	1	1	1
506	1	1	1	1	1	1	1	1	1
503	1	1	1	1	1	1	1	1	1
500	1	1	1	1	1	1	1	1	1

Table 6B**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
10TH GRADE - TOTAL SCALED SCORES**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
2400	99	99	99	2175	79	80	80	1950	29	33	31	1725	1	3	2
2397	99	99	99	2172	78	80	79	1947	28	32	30	1722	1	3	2
2394	99	99	99	2169	78	80	79	1944	27	32	30	1719	1	3	2
2391	99	99	99	2166	77	79	78	1941	26	31	29	1716	1	3	2
2388	99	99	99	2163	76	79	78	1938	26	30	28	1713	1	3	2
2385	99	99	99	2160	76	78	77	1935	26	30	28	1710	1	2	2
2382	99	99	99	2157	75	78	77	1932	25	29	27	1707	1	2	1
2379	99	99	99	2154	74	78	76	1929	24	28	26	1704	1	2	1
2376	99	99	99	2151	74	77	76	1926	24	28	26	1701	1	2	1
2373	99	99	99	2148	73	76	75	1923	23	27	25	1698	1	2	1
2370	99	99	99	2145	73	76	75	1920	23	26	25	1695	1	2	1
2367	99	99	99	2142	72	75	74	1917	22	25	24	1692	1	1	1
2364	99	99	99	2139	71	75	73	1914	22	25	24	1689	1	1	1
2361	99	99	99	2136	71	74	73	1911	21	24	23	1686	1	1	1
2358	99	99	99	2133	70	74	72	1908	20	24	22	1683	1	1	1
2355	99	99	99	2130	70	73	71	1905	20	23	22	1680	1	1	1
2352	99	99	99	2127	69	72	71	1902	19	22	21	1677	1	1	1
2349	99	99	99	2124	68	72	70	1899	19	22	20	1674	1	1	1
2346	99	99	99	2121	68	71	70	1896	18	21	20	1671	1	1	1
2343	98	99	99	2118	67	71	69	1893	18	21	20	1668	1	1	1
2340	98	99	98	2115	67	70	69	1890	18	20	19	1665	1	1	1
2337	98	98	98	2112	66	70	68	1887	17	20	19	1662	1	1	1
2334	98	98	98	2109	65	69	67	1884	17	19	18	1659	1	1	1
2331	98	98	98	2106	64	69	67	1881	16	19	18	1656	1	1	1
2328	98	98	98	2103	63	68	66	1878	16	18	17	1653	1	1	1
2325	97	98	98	2100	63	67	65	1875	15	18	17	1650	1	1	1
2322	97	98	98	2097	62	67	65	1872	15	17	16	1647	1	1	1
2319	97	97	97	2094	62	66	64	1869	14	17	16	1644	1	1	1
2316	97	97	97	2091	61	65	64	1866	14	16	15	1641	1	1	1
2313	97	97	97	2088	60	65	63	1863	14	16	15	1638	1	1	1
2310	97	97	97	2085	60	64	62	1860	13	15	14	1635	1	1	1
2307	96	97	97	2082	59	63	61	1857	13	15	14	1632	1	1	1
2304	96	97	96	2079	58	62	60	1854	12	14	13	1629	1	1	1
2301	96	96	96	2076	57	62	60	1851	12	14	13	1626	1	1	1
2298	96	96	96	2073	56	61	59	1848	11	13	12	1623	1	1	1
2295	96	96	96	2070	55	61	58	1845	11	13	12	1620	1	1	1
2292	96	96	96	2067	54	60	57	1842	10	13	12	1617	1	1	1
2289	95	95	95	2064	53	59	56	1839	10	12	11	1614	1	1	1
2286	95	95	95	2061	53	58	56	1836	10	12	11	1611	1	1	1
2283	95	95	95	2058	52	57	55	1833	9	12	11	1608	1	1	1
2280	95	95	95	2055	51	57	55	1830	9	11	10	1605	1	1	1
2277	94	94	94	2052	51	56	54	1827	9	11	10	1602	1	1	1
2274	94	94	94	2049	50	56	53	1824	8	11	10	1599	1	1	1
2271	94	94	94	2046	49	55	52	1821	8	10	9	1596	1	1	1
2268	94	93	93	2043	48	55	52	1818	8	10	9	1593	1	1	1
2265	93	93	93	2040	48	54	51	1815	7	10	9	1590	1	1	1
2262	93	93	93	2037	47	53	50	1812	7	9	8	1587	1	1	1
2259	93	93	93	2034	47	52	50	1809	7	9	8	1584	1	1	1
2256	92	92	92	2031	46	51	49	1806	7	9	8	1581	1	1	1
2253	92	92	92	2028	45	51	48	1803	6	8	7	1578	1	1	1
2250	92	91	91	2025	44	50	48	1800	6	8	7	1575	1	1	1
2247	91	91	91	2022	44	49	47	1797	5	8	7	1572	1	1	1
2244	91	90	91	2019	43	48	46	1794	5	8	7	1569	1	1	1
2241	90	90	90	2016	42	48	45	1791	5	7	6	1566	1	1	1
2238	90	90	90	2013	41	47	45	1788	5	7	6	1563	1	1	1
2235	90	89	90	2010	41	47	44	1785	5	7	6	1560	1	1	1
2232	89	89	89	2007	40	46	44	1782	4	7	6	1557	1	1	1
2229	89	89	89	2004	40	46	43	1779	4	6	5	1554	1	1	1
2226	88	88	88	2001	39	45	42	1776	4	6	5	1551	1	1	1
2223	88	88	88	1998	38	44	42	1773	4	6	5	1548	1	1	1
2220	87	87	87	1995	38	43	41	1770	3	5	5	1545	1	1	1
2217	86	87	87	1992	37	42	40	1767	3	5	4	1542	1	1	1
2214	86	86	86	1989	36	42	39	1764	3	5	4	1539	1	1	1
2211	85	86	86	1986	36	41	39	1761	3	5	4	1536	1	1	1
2208	85	86	85	1983	35	40	38	1758	3	5	4	1533	1	1	1
2205	84	85	85	1980	35	40	38	1755	2	4	4	1530	1	1	1
2202	83	85	84	1977	34	39	37	1752	2	4	3	1527	1	1	1
2199	83	84	83	1974	33	38	36	1749	2	4	3	1524	1	1	1
2196	82	83	83	1971	32	38	35	1746	2	4	3	1521	1	1	1
2193	82	83	82	1968	32	37	35	1743	2	4	3	1518	1	1	1
2190	81	82	82	1965	32	36	34	1740	2	3	3	1515	1	1	1
2187	81	82	82	1962	31	36	34	1737	2	3	3	1512	1	1	1
2184	81	82	81	1959	30	35	33	1734	2	3	3	1509	1	1	1
2181	80	81	81	1956	29	34	32	1731	2	3	2	1506	1	1	1
2178	79	81	80	1953	29	34	32	1728	1	3	2	1503	1	1	1

Table 7A**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
11TH GRADE - VERBAL, QUANTITATIVE, AND READING**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
800	99	99	99	99	99	99	99	99	99
797	97	97	99	99	97	99	99	97	99
794	97	95	99	99	96	99	99	96	99
791	96	94	99	99	95	99	99	95	99
788	96	93	99	99	94	99	98	94	99
785	95	92	99	99	93	99	98	93	99
782	95	91	99	99	93	99	98	93	99
779	94	90	99	98	92	99	98	92	99
776	93	88	99	98	90	99	97	90	99
773	92	85	98	98	90	99	97	89	99
770	92	85	98	98	88	99	97	87	99
767	92	84	97	98	86	99	96	86	98
764	91	84	97	97	85	99	96	85	98
761	91	81	97	97	84	99	96	83	98
758	90	79	97	96	82	99	95	82	98
755	89	78	97	96	81	98	94	80	98
752	89	78	97	95	79	98	94	78	98
749	88	75	97	94	77	98	93	76	98
746	88	74	97	94	75	98	93	75	98
743	87	71	97	93	73	97	92	73	97
740	86	70	96	93	71	97	92	71	97
737	86	69	96	92	71	97	91	70	97
734	86	67	96	92	69	97	91	69	97
731	85	66	95	92	67	97	90	66	96
728	84	62	92	91	65	96	90	64	95
725	84	61	88	90	62	95	89	62	94
722	82	59	85	89	60	94	88	60	92
719	81	59	83	88	58	94	87	58	92
716	76	58	81	87	56	92	85	56	90
713	76	57	81	86	54	91	84	55	89
710	75	56	81	85	51	91	83	52	89
707	74	54	78	85	50	89	83	51	87
704	72	52	76	83	48	88	81	48	85
701	71	50	75	82	46	86	80	47	84
698	69	49	74	80	45	85	78	46	83
695	66	46	72	79	44	83	77	45	81
692	65	43	71	78	42	82	76	42	80
689	64	39	71	76	40	81	74	40	79
686	62	38	70	75	39	79	72	39	78
683	61	37	68	73	37	77	71	37	75
680	57	34	65	72	36	74	69	35	73
677	55	34	62	70	34	74	67	34	71
674	53	32	59	69	33	72	66	33	69
671	52	31	56	66	32	70	64	31	67
668	51	29	55	64	30	68	62	30	65
665	49	28	51	63	29	67	60	29	64
662	47	28	49	62	27	66	59	27	63
659	43	25	48	59	26	63	56	26	60
656	42	25	45	58	25	61	54	25	58
653	41	25	41	55	23	59	52	24	56
650	39	24	40	53	23	56	50	23	53

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
647	38	23	39	51	20	54	48	21	51
644	38	22	38	49	20	53	47	20	50
641	37	21	35	46	19	51	44	19	48
638	35	19	33	44	18	49	42	18	46
635	31	19	30	43	17	46	40	18	43
632	28	18	29	41	17	43	38	17	40
629	28	16	28	40	16	41	37	16	39
626	26	14	26	38	15	40	35	15	37
623	24	12	26	36	15	38	34	14	35
620	22	11	25	35	14	36	32	14	34
617	21	11	23	34	14	34	31	13	32
614	21	10	22	32	12	31	30	12	29
611	21	9	22	30	12	29	28	11	27
608	20	8	21	28	11	27	26	11	26
605	19	8	18	26	10	26	24	9	25
602	18	8	17	24	9	24	23	9	23
599	18	8	16	23	9	21	22	9	20
596	17	7	15	22	8	19	21	8	18
593	16	7	14	21	7	18	20	7	17
590	15	6	12	19	6	16	18	6	15
587	15	5	12	18	6	15	17	6	14
584	15	5	10	16	6	13	16	5	12
581	14	4	9	14	5	12	14	5	12
578	12	4	7	13	5	11	13	5	10
575	11	3	5	11	4	9	11	4	8
572	11	3	5	10	4	8	10	4	7
569	11	3	4	8	3	7	9	3	7
566	10	3	4	8	3	7	8	3	6
563	8	3	4	7	2	6	7	3	6
560	7	3	3	6	2	6	6	2	5
557	6	2	2	6	2	5	6	2	5
554	6	1	2	5	2	4	5	2	4
551	5	1	2	4	1	3	4	1	3
548	5	1	2	3	1	3	4	1	3
545	4	1	1	3	1	3	3	1	3
542	4	1	1	3	1	2	3	1	2
539	4	1	1	3	1	2	3	1	1
536	4	1	1	3	1	1	3	1	1
533	4	1	1	2	1	1	3	1	1
530	2	1	1	2	1	1	2	1	1
527	2	1	1	1	1	1	2	1	1
524	2	1	1	1	1	1	1	1	1
521	2	1	1	1	1	1	1	1	1
518	1	1	1	1	1	1	1	1	1
515	1	1	1	1	1	1	1	1	1
512	1	1	1	1	1	1	1	1	1
509	1	1	1	1	1	1	1	1	1
506	1	1	1	1	1	1	1	1	1
503	1	1	1	1	1	1	1	1	1
500	1	1	1	1	1	1	1	1	1

Table 7B**PERCENTILES ON THE SECONDARY SCHOOL ADMISSION TEST
11TH GRADE - TOTAL SCALED SCORES**

Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL	Total Scaled Score	Female TOTAL	Male TOTAL	Total TOTAL
2400	99	99	99	2175	82	89	88	1950	31	42	40	1725	2	4	3
2397	99	99	99	2172	81	89	87	1947	29	41	39	1722	2	4	3
2394	99	99	99	2169	79	88	86	1944	29	40	38	1719	2	3	3
2391	99	99	99	2166	79	88	86	1941	29	39	37	1716	2	3	3
2388	99	99	99	2163	79	88	86	1938	29	38	36	1713	2	3	3
2385	99	99	99	2160	79	87	86	1935	29	37	36	1710	2	3	3
2382	99	99	99	2157	78	87	85	1932	28	36	35	1707	2	3	3
2379	99	99	99	2154	78	87	85	1929	26	35	33	1704	2	3	2
2376	99	99	99	2151	78	86	85	1926	26	34	33	1701	2	3	2
2373	99	99	99	2148	78	86	84	1923	25	34	32	1698	2	2	2
2370	99	99	99	2145	78	85	84	1920	24	33	31	1695	2	2	2
2367	99	99	99	2142	77	85	83	1917	24	33	31	1692	2	2	2
2364	99	99	99	2139	77	83	82	1914	23	32	30	1689	2	2	2
2361	99	99	99	2136	76	83	82	1911	22	31	29	1686	2	2	2
2358	99	99	99	2133	75	82	81	1908	22	30	28	1683	2	2	2
2355	99	99	99	2130	75	81	80	1905	21	29	28	1680	2	2	2
2352	99	99	99	2127	75	81	80	1902	19	29	27	1677	2	1	2
2349	99	99	99	2124	75	80	79	1899	19	28	27	1674	2	1	2
2346	99	99	99	2121	74	80	79	1896	19	28	26	1671	2	1	1
2343	98	99	99	2118	74	79	78	1893	17	27	25	1668	1	1	1
2340	98	99	99	2115	73	79	78	1890	16	27	25	1665	1	1	1
2337	98	99	99	2112	72	78	77	1887	15	26	24	1662	1	1	1
2334	98	99	99	2109	71	78	76	1884	15	25	23	1659	1	1	1
2331	98	99	99	2106	71	77	76	1881	14	25	23	1656	1	1	1
2328	98	99	99	2103	71	76	75	1878	13	24	22	1653	1	1	1
2325	98	99	99	2100	68	76	74	1875	12	24	21	1650	1	1	1
2322	98	99	99	2097	66	75	74	1872	12	23	21	1647	1	1	1
2319	98	99	99	2094	66	75	73	1869	12	23	20	1644	1	1	1
2316	98	99	98	2091	66	74	73	1866	12	21	19	1641	1	1	1
2313	98	99	98	2088	65	73	71	1863	12	21	19	1638	1	1	1
2310	98	99	98	2085	65	72	71	1860	11	20	18	1635	1	1	1
2307	98	99	98	2082	64	71	70	1857	11	20	18	1632	1	1	1
2304	98	99	98	2079	64	71	69	1854	11	19	18	1629	1	1	1
2301	98	99	98	2076	64	70	69	1851	11	19	17	1626	1	1	1
2298	98	98	98	2073	63	70	68	1848	11	18	17	1623	1	1	1
2295	98	98	98	2070	62	69	68	1845	10	18	16	1620	1	1	1
2292	96	98	98	2067	62	68	67	1842	10	17	16	1617	1	1	1
2289	96	98	98	2064	62	67	66	1839	10	16	15	1614	1	1	1
2286	96	98	98	2061	61	67	65	1836	10	15	14	1611	1	1	1
2283	95	98	97	2058	61	66	65	1833	9	15	14	1608	1	1	1
2280	95	98	97	2055	58	64	63	1830	8	15	13	1605	1	1	1
2277	95	97	97	2052	58	64	63	1827	8	14	13	1602	1	1	1
2274	95	97	97	2049	58	64	63	1824	7	13	12	1599	1	1	1
2271	95	97	97	2046	56	64	62	1821	6	13	12	1596	1	1	1
2268	95	97	97	2043	56	63	62	1818	6	12	11	1593	1	1	1
2265	95	97	97	2040	55	62	61	1815	6	12	11	1590	1	1	1
2262	95	97	97	2037	55	62	60	1812	6	12	11	1587	1	1	1
2259	94	97	96	2034	55	61	60	1809	6	11	10	1584	1	1	1
2256	94	97	96	2031	55	60	59	1806	6	11	10	1581	1	1	1
2253	94	97	96	2028	54	60	59	1803	6	11	10	1578	1	1	1
2250	93	97	96	2025	53	59	58	1800	6	10	9	1575	1	1	1
2247	92	97	96	2022	51	59	57	1797	6	10	9	1572	1	1	1
2244	92	97	96	2019	51	57	56	1794	6	9	9	1569	1	1	1
2241	92	96	96	2016	49	56	55	1791	6	9	9	1566	1	1	1
2238	91	96	95	2013	48	56	55	1788	6	9	8	1563	1	1	1
2235	90	96	95	2010	48	56	54	1785	5	9	8	1560	1	1	1
2232	89	95	94	2007	48	55	54	1782	5	8	8	1557	1	1	1
2229	89	95	94	2004	46	54	53	1779	4	8	7	1554	1	1	1
2226	89	95	94	2001	46	53	52	1776	4	7	7	1551	1	1	1
2223	89	95	94	1998	45	53	51	1773	4	7	7	1548	1	1	1
2220	89	95	93	1995	45	52	51	1770	4	7	6	1545	1	1	1
2217	89	94	93	1992	44	51	50	1767	4	6	6	1542	1	1	1
2214	89	94	93	1989	44	50	49	1764	4	6	6	1539	1	1	1
2211	88	93	92	1986	42	49	48	1761	4	6	5	1536	1	1	1
2208	88	93	92	1983	42	48	47	1758	4	6	5	1533	1	1	1
2205	88	93	92	1980	40	47	46	1755	4	5	5	1530	1	1	1
2202	86	92	91	1977	39	47	45	1752	4	5	5	1527	1	1	1
2199	86	92	91	1974	38	47	45	1749	4	5	5	1524	1	1	1
2196	84	91	90	1971	38	46	44	1746	3	5	4	1521	1	1	1
2193	84	91	89	1968	36	45	44	1743	3	4	4	1518	1	1	1
2190	83	91	89	1965	36	44	43	1740	3	4	4	1515	1	1	1
2187	83	91	89	1962	35	44	42	1737	3	4	4	1512	1	1	1
2184	82	90	89	1959	34	44	42	1734	3	4	4	1509	1	1	1
2181	82	89	88	1956	32	43	41	1731	3	4	4	1506	1	1	1
2178	82	89	88	1953	32	42	40	1728	2	4	3	1503	1	1	1



Appendix B:

SSAT Means and Standard Deviations

The means and standard deviations on the following tables are based on first-time test takers who tested at a United States or Canadian Standard administration of the Secondary School Admission Test from August 1, 2016 through July 31, 2019. If a student tested multiple times, only the first test scores were used to calculate the means. They are not representative of students in general throughout the country, nor are they representative of all students enrolled in independent schools.



Table 1 Boys Tested August 2016-July 2019

MEANS AND STANDARD DEVIATIONS ON THE SECONDARY SCHOOL ADMISSION TEST Based on United States and Canadian Standard Male First Time Test Takers August 2016-July 2019

Verbal	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	6454	5125	4983	30896	6534	2516	685
Mean Scaled Score	603	623	637	664	667	664	648
Standard Deviation	47	49	48	65	70	67	59

Quantitative	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	6454	5125	4983	30896	6534	2516	685
Mean Scaled Score	608	631	647	687	703	706	699
Standard Deviation	46	46	43	65	67	63	63

Reading	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	6454	5125	4983	30896	6534	2516	685
Mean Scaled Score	599	616	631	651	656	657	643
Standard Deviation	47	49	49	54	56	54	51

Total	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	6454	5125	4983	30896	6534	2516	685
Mean Scaled Score	1810	1870	1915	2002	2026	2027	1990
Standard Deviation	124	128	123	163	168	158	147



Table 2 Girls Tested August 2016-July 2019

MEANS AND STANDARD DEVIATIONS ON THE SECONDARY SCHOOL ADMISSION TEST Based on United States and Canadian Standard Female First Time Test Takers August 2016-July 2019

Verbal	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	5823	4333	4461	31936	5247	1956	170
Mean Scaled Score	599	623	639	667	676	674	667
Standard Deviation	46	48	48	62	66	67	67

Quantitative	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	5823	4333	4461	31936	5247	1956	170
Mean Scaled Score	593	619	639	675	698	704	700
Standard Deviation	44	46	43	61	64	63	63

Reading	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	5823	4333	4461	31936	5247	1956	170
Mean Scaled Score	601	620	637	658	666	667	661
Standard Deviation	46	48	46	52	53	53	54

Total	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	5823	4333	4461	31936	5247	1956	170
Mean Scaled Score	1793	1862	1915	2000	2040	2045	2028
Standard Deviation	119	125	120	154	156	151	148



Table 3 All Students Tested August 2016-July 2019

MEANS AND STANDARD DEVIATIONS ON THE SECONDARY SCHOOL ADMISSION TEST Based on United States and Canadian Standard First Time Test Takers August 2016-July 2019

Verbal	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	12277	9458	9444	62832	11781	4473	855
Mean Scaled Score	601	623	638	665	671	668	652
Standard Deviation	47	49	48	64	69	67	61

Quantitative	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	12277	9458	9444	62832	11781	4473	855
Mean Scaled Score	601	625	643	681	701	705	699
Standard Deviation	46	46	43	63	66	63	63

Reading	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	12277	9458	9444	62832	11781	4473	855
Mean Scaled Score	600	618	634	655	660	661	647
Standard Deviation	46	48	48	53	55	54	52

Total	Middle			Upper			
Grade	05	06	07	08	09	10	11
Total Test Takers	12277	9458	9444	62832	11781	4473	855
Mean Scaled Score	1802	1866	1915	2001	2032	2034	1998
Standard Deviation	122	127	122	158	163	155	148



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