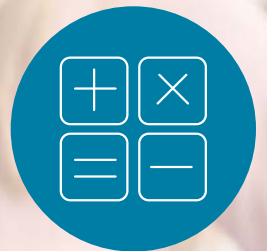


The **SSAT**  
+

2018-2019

# 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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# 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](http://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](http://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 2018-2019 year, the scores of a test taker are placed in many different contexts on the school score report.

# School Score Report Sample

## Secondary School Admission Test Score Report

The  
SSAT

Student Name  
**Student, Sample**

Family Address  
1234 Main Street  
Anytown, NJ 08888

Test Date  
05 Jan 2019

Test Center ID  
1234

Test Level  
Middle

School ID  
1234

Family Phone #  
555-555-5555

Current Grade  
5

Registration Number  
123456789

Family Email  
samplestudent@ssat.org

Gender  
Female

Birth Date  
01 Jan 2008

	Test Taker's Scores		SSAT Reference Information			
	Score	Range	Grade 5 Total		Grade 5 Female	
	Possible Scaled Score Range: 440-710		Student Percentile	Average Score	Student Percentile	Average Score
<b>Verbal</b>	626	610 - 642	72	601	72	600
<b>Quantitative</b>	635	621 - 649	79	598	84	591
<b>Reading</b>	623	604 - 642	70	599	69	601
<b>Total</b>	1884		76	1798	78	1792

	Applicant Comparison Data for 1234 (Grade 5)		
	All 2016-2017 Reports	2017 Accepted Students	2017 Enrolled Students
	<b>Rank Order</b>	<b>Rank Order</b>	<b>Rank Order</b>
Verbal	18 of 50	16 of 30	12 of 24
Quantitative	15 of 50	18 of 30	14 of 24
Reading	17 of 50	14 of 30	11 of 24
Total	15 of 50	15 of 30	11 of 24
	<b>Average Score</b>	<b>Average Score</b>	<b>Average Score</b>
Verbal	610	623	617
Quantitative	622	640	630
Reading	613	620	615
Total	1845	1883	1862

Applicant Comparison Data ranks the scores in this report among all grade 5 score reports sent to your school in the previous year, 2017-2018. 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 Right/Total	Percent Correct Right/Answered
	Right	Wrong	Not Answered		
Verbal Synonyms	16	14	0	53 %	53 %
Verbal Analogies	17	12	1	57 %	59 %
Verbal Questions Not Reached: 0					
Number Concepts and Operations	17	6	4	63 %	74 %
Algebra, Geometry and Other Math	12	7	4	52 %	63 %
Quantitative Questions Not Reached: 0					
Reading Main Idea and Content	15	5	0	75 %	75 %
Reading Higher Order and Interpretation	11	9	0	55 %	55 %
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.

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

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


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 any one. 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

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#### About You

Name	Grade	
<b>Sample Student</b>	7	Sample Student 123 Main Street Anytown, NJ 12345
Gender	Date of Birth	
Male	01 Feb 2004	

#### The Test You Took

Registration ID	Test Date	
123456789	01 Aug 2018	
Test Level	Test Center	
Middle	Test Center (1234)	

	Your Scaled Scores		SSAT Reference Information			
	Possible Scaled Score Range: 440-710		Grade 7 Total		Grade 7 Male	
	Score	Range	Your Percentile	Average Score	Your Percentile	Average Score
<b>Verbal</b>	659	643 - 675	62	640	63	638
<b>Quantitative</b>	671	657 - 685	75	640	71	643
<b>Reading</b>	659	640 - 678	68	634	70	631
<b>Total</b>	1989		70	1914	70	1912

**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.

		Right	Wrong	Not Answered
<b>Verbal</b> Questions testing your knowledge of words (synonyms) and your ability to relate ideas (analogies).	Synonyms	21	9	0
	Analogies	19	11	0
<b>Math</b> Questions testing your knowledge of number properties and relationships, basic computation, concepts of equivalencies, geometry, measurement, and interpretation of charts/graphs.	Number Concepts & Operations	18	2	0
	Algebra, Geometry & Other Math	22	8	0
<b>Reading</b> 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.	Main Idea	19	7	0
	Higher Order	10	4	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.



# 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 grade level and 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 2017-18 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: 2018 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: 2018 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.



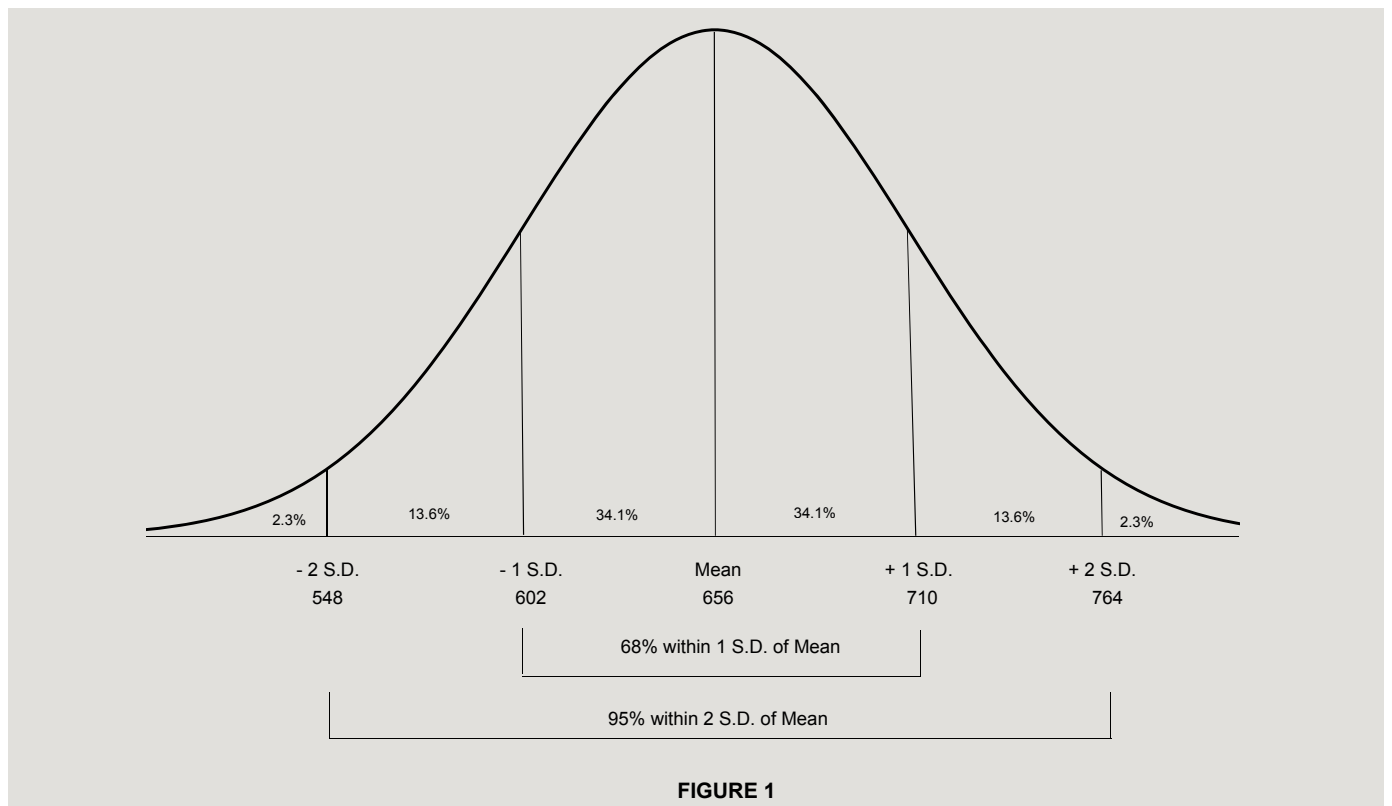


## Standard Deviation

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.

While the study provides an indication of the prediction power of SSAT across member schools participated in the study, The Enrollment Management Association can conduct a validity study for individual schools with school-specific data provided by the school. This service is available for member schools for a fee of \$500.

## 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 unspeded 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 unspeded. 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, 2015 and July 30, 2018. 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

<b>Verbal</b> .....	<b>V</b>
<b>Quantitative</b> .....	<b>Q</b>
<b>Reading Comprehension</b> .....	<b>R</b>

**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 2015-July 2018

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	100	99	99	99	99	99	99	99
704	99	100	99	99	99	99	99	99	99
701	99	100	99	99	99	99	99	99	99
698	99	100	99	98	99	99	99	99	99
695	98	99	98	98	98	98	98	99	98
692	98	99	98	98	98	98	98	99	98
689	98	99	97	97	97	98	98	98	98
686	97	99	97	97	97	97	97	98	97
683	96	98	96	96	96	97	96	97	96
680	96	98	96	96	95	96	96	96	96
677	95	97	95	95	94	95	95	96	95
674	94	97	94	94	93	95	94	95	94
671	93	96	93	93	92	94	93	94	94
668	92	96	92	92	91	93	92	93	93
665	91	95	91	91	90	92	91	93	92
662	90	94	90	90	89	91	90	92	91
659	89	93	89	89	88	90	89	90	89
656	88	92	88	87	86	89	88	89	88
653	87	91	86	86	84	87	86	88	87
650	86	90	85	85	83	86	85	87	85
647	84	89	83	83	81	84	83	85	83
644	83	88	82	81	79	83	82	83	82
641	81	86	80	79	77	81	80	82	81
638	79	85	78	77	75	80	78	80	79
635	78	83	76	75	73	77	76	78	77
632	76	81	74	73	71	76	74	76	75
629	74	79	71	71	69	74	72	74	73
626	72	78	70	68	66	72	70	72	71
623	69	76	68	66	64	70	68	70	69
620	67	74	65	64	61	68	66	67	67
617	65	72	63	61	59	65	63	65	64
614	63	70	61	59	56	64	61	63	63
611	60	68	58	56	54	61	58	61	60
608	58	66	57	54	52	59	56	59	58
605	56	63	54	52	49	57	54	56	55
602	53	61	51	50	47	54	51	54	53
599	51	58	48	48	45	51	49	51	50
596	48	56	46	45	42	49	46	49	48
593	45	53	43	42	40	46	44	46	44
590	43	51	41	40	37	43	41	44	42
587	40	49	39	37	35	41	39	42	40
584	38	46	36	35	33	38	36	39	37
581	35	44	34	33	31	36	34	37	35
578	33	41	32	31	29	34	32	35	33
575	30	39	29	29	27	31	29	32	30

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
572	28	36	27	27	25	29	28	30	28
569	26	33	25	25	23	27	25	28	26
566	24	31	22	23	21	25	24	26	24
563	22	29	21	21	19	23	21	24	22
560	20	26	19	20	17	21	20	22	20
557	18	24	17	18	15	19	18	20	18
554	17	22	16	17	14	17	17	18	17
551	15	20	14	15	13	16	15	16	15
548	14	18	12	14	11	14	14	15	14
545	12	16	11	13	10	13	12	13	12
542	11	14	10	11	9	12	11	11	11
539	10	12	8	10	7	10	10	10	9
536	8	11	7	8	7	9	8	8	8
533	8	9	6	8	6	8	8	7	7
530	7	8	5	7	5	7	7	6	6
527	6	6	5	6	4	7	6	5	6
524	5	5	4	5	3	6	5	4	5
521	4	4	4	5	3	5	4	4	4
518	4	3	3	4	2	4	4	3	4
515	3	3	2	3	2	3	3	2	3
512	3	2	2	3	1	3	3	2	2
509	2	1	2	2	1	2	2	1	2
506	2	1	1	2	1	2	2	1	2
503	2	1	1	1	1	2	2	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 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 2015-July 2018

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
2130	99	99	99	1926	86	83	84	1722	29	25	27	1518	1	1	1
2127	99	99	99	1923	85	82	84	1719	28	24	26	1515	1	1	1
2124	99	99	99	1920	85	81	83	1716	27	23	25	1512	1	1	1
2121	99	99	99	1917	84	81	82	1713	26	23	24	1509	1	1	1
2118	99	99	99	1914	84	80	82	1710	25	22	24	1506	1	1	1
2115	99	99	99	1911	83	79	81	1707	24	21	23	1503	1	1	1
2112	99	99	99	1908	83	79	80	1704	24	20	22	1500	1	1	1
2109	99	99	99	1905	82	78	80	1701	23	20	21	1497	1	1	1
2106	99	99	99	1902	81	77	79	1698	22	19	20	1494	1	1	1
2103	99	99	99	1899	81	77	79	1695	21	18	20	1491	1	1	1
2100	99	99	99	1896	80	76	78	1692	20	17	19	1488	1	1	1
2097	99	99	99	1893	79	75	77	1689	20	17	18	1485	1	1	1
2094	99	99	99	1890	79	74	76	1686	19	16	18	1482	1	1	1
2091	99	99	99	1887	78	74	76	1683	18	16	17	1479	1	1	1
2088	99	99	99	1884	77	73	75	1680	17	15	16	1476	1	1	1
2085	99	99	99	1881	76	72	74	1677	17	15	16	1473	1	1	1
2082	99	99	99	1878	75	71	73	1674	16	14	15	1470	1	1	1
2079	99	99	99	1875	74	70	72	1671	16	14	15	1467	1	1	1
2076	99	99	99	1872	74	70	72	1668	15	13	14	1464	1	1	1
2073	99	99	99	1869	73	69	71	1665	14	13	13	1461	1	1	1
2070	99	99	99	1866	72	68	70	1662	14	12	13	1458	1	1	1
2067	99	99	99	1863	72	67	69	1659	13	12	12	1455	1	1	1
2064	99	98	99	1860	71	66	68	1656	12	11	12	1452	1	1	1
2061	99	98	99	1857	70	65	68	1653	12	11	11	1449	1	1	1
2058	99	98	99	1854	69	64	67	1650	11	10	11	1446	1	1	1
2055	99	98	98	1851	69	63	66	1647	11	10	10	1443	1	1	1
2052	99	98	98	1848	68	62	65	1644	10	10	10	1440	1	1	1
2049	99	98	98	1845	67	61	64	1641	10	9	9	1437	1	1	1
2046	98	98	98	1842	66	60	63	1638	9	9	9	1434	1	1	1
2043	98	97	98	1839	65	59	62	1635	8	8	8	1431	1	1	1
2040	98	97	98	1836	64	59	61	1632	8	8	8	1428	1	1	1
2037	98	97	98	1833	63	58	60	1629	8	8	8	1425	1	1	1
2034	98	97	97	1830	62	57	59	1626	7	7	7	1422	1	1	1
2031	98	97	97	1827	61	56	59	1623	7	7	7	1419	1	1	1
2028	97	97	97	1824	60	55	57	1620	7	6	6	1416	1	1	1
2025	97	96	97	1821	59	54	57	1617	6	6	6	1413	1	1	1
2022	97	96	97	1818	58	53	56	1614	6	6	6	1410	1	1	1
2019	97	96	96	1815	58	53	55	1611	5	5	5	1407	1	1	1
2016	97	96	96	1812	57	52	54	1608	5	5	5	1404	1	1	1
2013	96	95	96	1809	56	51	53	1605	5	5	5	1401	1	1	1
2010	96	95	96	1806	55	50	52	1602	5	4	5	1398	1	1	1
2007	96	95	95	1803	54	48	51	1599	4	4	4	1395	1	1	1
2004	96	94	95	1800	53	48	50	1596	4	4	4	1392	1	1	1
2001	95	94	95	1797	52	47	49	1593	4	4	4	1389	1	1	1
1998	95	94	94	1794	51	46	48	1590	3	3	3	1386	1	1	1
1995	95	93	94	1791	50	45	47	1587	3	3	3	1383	1	1	1
1992	94	93	94	1788	49	44	46	1584	3	3	3	1380	1	1	1
1989	94	93	93	1785	48	43	45	1581	3	3	3	1377	1	1	1
1986	94	92	93	1782	47	42	45	1578	3	3	3	1374	1	1	1
1983	94	92	93	1779	47	41	44	1575	2	2	2	1371	1	1	1
1980	93	91	92	1776	46	40	43	1572	2	2	2	1368	1	1	1
1977	93	91	92	1773	45	39	42	1569	2	2	2	1365	1	1	1
1974	93	91	92	1770	44	38	41	1566	2	2	2	1362	1	1	1
1971	92	90	91	1767	43	38	40	1563	2	2	2	1359	1	1	1
1968	92	90	91	1764	42	37	39	1560	2	2	2	1356	1	1	1
1965	92	89	90	1761	41	36	38	1557	1	1	1	1353	1	1	1
1962	91	89	90	1758	40	35	37	1554	1	1	1	1350	1	1	1
1959	91	88	89	1755	39	34	36	1551	1	1	1	1347	1	1	1
1956	90	88	89	1752	38	33	36	1548	1	1	1	1344	1	1	1
1953	90	88	89	1749	37	32	35	1545	1	1	1	1341	1	1	1
1950	90	87	88	1746	36	31	34	1542	1	1	1	1338	1	1	1
1947	89	86	88	1743	35	30	32	1539	1	1	1	1335	1	1	1
1944	89	86	87	1740	34	30	32	1536	1	1	1	1332	1	1	1
1941	88	85	87	1737	33	29	31	1533	1	1	1	1329	1	1	1
1938	87	85	86	1734	32	28	30	1530	1	1	1	1326	1	1	1
1935	87	84	86	1731	31	27	29	1527	1	1	1	1323	1	1	1
1932	87	84	85	1728	30	26	28	1524	1	1	1	1320	1	1	1
1929	86	83	85	1725	29	26	27	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 2015-July 2018

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

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
572	15	17	14	16	13	19	16	15	17
569	14	15	13	15	12	17	14	13	16
566	13	14	12	14	10	16	13	12	14
563	12	13	11	13	9	15	12	11	13
560	10	12	10	12	9	14	11	10	12
557	10	10	9	11	8	12	11	9	11
554	9	9	8	10	7	11	10	8	10
551	8	8	7	9	6	10	9	7	9
548	7	7	6	8	6	9	8	6	8
545	6	6	6	8	5	8	7	5	7
542	6	5	5	7	4	7	6	5	6
539	5	5	5	6	4	6	6	4	5
536	4	4	4	5	3	6	5	4	5
533	4	4	4	5	3	5	4	3	4
530	3	3	3	4	2	4	4	3	4
527	3	3	3	3	2	4	3	2	3
524	3	2	2	3	2	3	3	2	3
521	2	1	2	2	1	3	2	1	2
518	2	1	2	2	1	2	2	1	2
515	2	1	1	2	1	2	2	1	2
512	1	1	1	1	1	2	1	1	1
509	1	1	1	1	1	2	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 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 2015-July 2018

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
2130	99	99	99	1926	67	64	65	1722	13	14	13	1518	1	1	1
2127	99	99	99	1923	66	64	65	1719	13	13	13	1515	1	1	1
2124	99	99	99	1920	65	63	64	1716	12	13	12	1512	1	1	1
2121	99	99	99	1917	64	62	63	1713	12	12	12	1509	1	1	1
2118	99	99	99	1914	63	61	62	1710	12	12	12	1506	1	1	1
2115	99	99	99	1911	62	60	61	1707	11	11	11	1503	1	1	1
2112	99	99	99	1908	62	59	60	1704	10	11	11	1500	1	1	1
2109	99	99	99	1905	61	58	59	1701	10	11	10	1497	1	1	1
2106	99	99	99	1902	60	58	59	1698	10	10	10	1494	1	1	1
2103	99	99	99	1899	59	57	58	1695	9	10	10	1491	1	1	1
2100	99	99	99	1896	58	56	57	1692	9	10	9	1488	1	1	1
2097	99	99	99	1893	57	55	56	1689	9	9	9	1485	1	1	1
2094	99	98	98	1890	56	54	55	1686	8	9	9	1482	1	1	1
2091	98	98	98	1887	55	53	54	1683	8	9	8	1479	1	1	1
2088	98	98	98	1884	55	52	53	1680	8	8	8	1476	1	1	1
2085	98	98	98	1881	54	52	53	1677	7	8	8	1473	1	1	1
2082	98	97	97	1878	52	51	51	1674	7	8	7	1470	1	1	1
2079	97	97	97	1875	52	50	51	1671	7	7	7	1467	1	1	1
2076	97	97	97	1872	51	48	49	1668	6	7	7	1464	1	1	1
2073	97	96	96	1869	50	47	49	1665	6	7	6	1461	1	1	1
2070	96	96	96	1866	49	47	48	1662	6	6	6	1458	1	1	1
2067	96	96	96	1863	48	46	47	1659	5	6	6	1455	1	1	1
2064	95	95	95	1860	47	45	46	1656	5	6	6	1452	1	1	1
2061	95	95	95	1857	46	44	45	1653	5	6	5	1449	1	1	1
2058	95	95	95	1854	45	43	44	1650	4	5	5	1446	1	1	1
2055	94	94	94	1851	44	42	43	1647	4	5	5	1443	1	1	1
2052	94	94	94	1848	43	41	42	1644	4	5	4	1440	1	1	1
2049	93	93	93	1845	43	41	42	1641	4	5	4	1437	1	1	1
2046	93	93	93	1842	42	40	41	1638	4	4	4	1434	1	1	1
2043	93	93	93	1839	41	39	40	1635	4	4	4	1431	1	1	1
2040	92	92	92	1836	40	38	39	1632	3	4	4	1428	1	1	1
2037	92	92	92	1833	39	37	38	1629	3	4	3	1425	1	1	1
2034	91	91	91	1830	38	36	37	1626	3	3	3	1422	1	1	1
2031	91	90	91	1827	37	36	36	1623	3	3	3	1419	1	1	1
2028	90	90	90	1824	37	35	36	1620	3	3	3	1416	1	1	1
2025	90	89	89	1821	36	34	35	1617	2	3	3	1413	1	1	1
2022	89	89	89	1818	35	33	34	1614	2	3	2	1410	1	1	1
2019	89	88	88	1815	34	32	33	1611	2	3	2	1407	1	1	1
2016	88	87	88	1812	33	31	32	1608	2	2	2	1404	1	1	1
2013	88	87	87	1809	33	31	32	1605	2	2	2	1401	1	1	1
2010	87	86	87	1806	32	30	31	1602	2	2	2	1398	1	1	1
2007	86	86	86	1803	31	29	30	1599	2	2	2	1395	1	1	1
2004	86	85	85	1800	30	29	29	1596	1	2	2	1392	1	1	1
2001	85	84	85	1797	30	28	29	1593	1	2	1	1389	1	1	1
1998	85	84	84	1794	29	27	28	1590	1	2	1	1386	1	1	1
1995	84	83	83	1791	28	26	27	1587	1	1	1	1383	1	1	1
1992	83	82	83	1788	27	26	26	1584	1	1	1	1380	1	1	1
1989	83	81	82	1785	26	25	26	1581	1	1	1	1377	1	1	1
1986	82	80	81	1782	26	24	25	1578	1	1	1	1374	1	1	1
1983	81	80	80	1779	25	24	24	1575	1	1	1	1371	1	1	1
1980	80	79	80	1776	24	23	24	1572	1	1	1	1368	1	1	1
1977	80	78	79	1773	24	23	23	1569	1	1	1	1365	1	1	1
1974	79	77	78	1770	23	22	23	1566	1	1	1	1362	1	1	1
1971	78	77	77	1767	22	21	22	1563	1	1	1	1359	1	1	1
1968	78	76	77	1764	22	21	21	1560	1	1	1	1356	1	1	1
1965	77	75	76	1761	21	20	20	1557	1	1	1	1353	1	1	1
1962	76	75	75	1758	20	19	20	1554	1	1	1	1350	1	1	1
1959	76	74	75	1755	20	19	19	1551	1	1	1	1347	1	1	1
1956	75	73	74	1752	19	18	19	1548	1	1	1	1344	1	1	1
1953	74	72	73	1749	18	18	18	1545	1	1	1	1341	1	1	1
1950	73	71	72	1746	18	17	17	1542	1	1	1	1338	1	1	1
1947	72	70	71	1743	17	17	17	1539	1	1	1	1335	1	1	1
1944	72	69	70	1740	16	16	16	1536	1	1	1	1332	1	1	1
1941	71	69	70	1737	16	16	16	1533	1	1	1	1329	1	1	1
1938	70	68	69	1734	15	16	15	1530	1	1	1	1326	1	1	1
1935	69	67	68	1731	15	15	15	1527	1	1	1	1323	1	1	1
1932	68	66	67	1728	14	15	14	1524	1	1	1	1320	1	1	1
1929	68	65	66	1725	14	14	14	1521	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 2015-July 2018

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	94	97	97	94	98	96
704	93	97	94	93	95	96	93	96	95
701	91	97	92	92	94	95	92	96	94
698	90	96	91	91	93	94	90	94	92
695	88	95	89	89	91	92	89	93	91
692	87	93	88	87	89	91	87	91	90
689	85	91	86	85	87	89	85	89	88
686	83	89	84	83	85	88	83	87	86
683	81	87	82	82	82	85	81	84	83
680	79	84	81	80	79	84	79	81	83
677	77	82	78	77	76	82	77	79	80
674	74	79	76	75	72	80	75	75	78
671	72	76	75	73	69	78	73	72	77
668	69	73	72	70	66	75	70	69	74
665	67	70	70	68	63	73	67	67	72
662	65	68	68	66	60	71	65	64	70
659	62	64	65	63	57	69	62	60	67
656	59	62	63	60	54	67	60	58	65
653	57	58	60	58	50	64	58	54	62
650	54	56	58	55	48	63	55	52	60
647	53	54	55	53	45	59	53	49	57
644	50	51	53	51	42	57	51	46	55
641	48	48	50	49	39	55	48	43	52
638	45	45	48	46	37	52	46	41	50
635	43	43	46	44	35	50	44	39	48
632	41	41	43	42	33	47	42	37	46
629	38	38	41	40	31	45	39	34	43
626	36	35	39	38	29	43	37	32	41
623	34	33	37	36	27	41	35	30	39
620	32	31	35	34	25	39	33	28	37
617	29	29	32	32	23	36	30	26	34
614	27	27	31	30	22	35	29	24	33
611	25	26	28	28	21	32	27	23	30
608	23	24	27	26	19	31	25	21	29
605	22	22	24	24	18	29	23	20	27
602	21	21	23	23	16	27	22	18	25
599	19	19	21	21	15	25	20	17	23
596	18	18	19	19	14	23	19	16	21
593	17	16	18	18	13	22	17	14	20
590	15	15	16	17	12	20	16	13	18
587	14	13	15	15	11	19	15	12	17
584	13	12	14	14	10	17	14	11	16
581	12	12	12	13	9	16	13	10	14
578	12	10	11	12	9	15	12	10	13
575	10	10	10	11	8	14	11	9	12

Scaled Score	SSAT Percentile Female			SSAT Percentile Male			SSAT Percentile Total		
	V	Q	R	V	Q	R	V	Q	R
572	9	9	9	10	7	12	10	8	11
569	9	8	8	10	6	11	9	7	10
566	8	7	8	9	6	10	8	7	9
563	7	6	7	8	5	9	8	6	8
560	7	6	6	7	5	9	7	5	7
557	6	5	5	7	4	8	6	5	7
554	5	4	5	6	4	7	6	4	6
551	5	4	4	5	3	6	5	3	5
548	4	3	3	5	3	6	5	3	5
545	4	3	3	4	2	5	4	3	4
542	4	3	3	4	2	4	4	2	4
539	3	2	2	4	2	4	3	2	3
536	2	2	2	3	2	3	3	2	3
533	2	2	2	3	1	3	3	1	2
530	2	1	1	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	1
521	2	1	1	2	1	2	2	1	1
518	1	1	1	2	1	2	2	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
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 2015-July 2018

Total Scaled Score	Female	Male	Total	Total Scaled Score	Female	Male	Total	Total Scaled Score	Female	Male	Total	Total Scaled Score	Female	Male	Total
	TOTAL	TOTAL	TOTAL		TOTAL	TOTAL	TOTAL		TOTAL	TOTAL	TOTAL		TOTAL	TOTAL	
2130	99	99	99	1926	50	49	49	1722	6	7	7	1518	1	1	1
2127	99	99	99	1923	49	48	48	1719	6	7	7	1515	1	1	1
2124	99	99	99	1920	48	47	48	1716	6	7	6	1512	1	1	1
2121	99	99	99	1917	47	46	47	1713	6	7	6	1509	1	1	1
2118	99	99	99	1914	46	45	46	1710	5	6	6	1506	1	1	1
2115	99	99	99	1911	45	44	45	1707	5	6	6	1503	1	1	1
2112	99	99	99	1908	44	43	44	1704	5	6	6	1500	1	1	1
2109	98	99	98	1905	44	42	43	1701	5	6	5	1497	1	1	1
2106	98	98	98	1902	43	41	42	1698	5	6	5	1494	1	1	1
2103	98	97	98	1899	42	40	41	1695	4	5	5	1491	1	1	1
2100	97	97	97	1896	41	39	40	1692	4	5	5	1488	1	1	1
2097	97	97	97	1893	40	39	39	1689	4	5	4	1485	1	1	1
2094	96	96	96	1890	39	38	38	1686	4	5	4	1482	1	1	1
2091	95	96	95	1887	38	37	38	1683	4	5	4	1479	1	1	1
2088	95	95	95	1884	37	36	37	1680	3	4	4	1476	1	1	1
2085	94	94	94	1881	37	36	36	1677	3	4	4	1473	1	1	1
2082	94	94	94	1878	36	35	35	1674	3	4	3	1470	1	1	1
2079	93	93	93	1875	35	34	34	1671	3	4	3	1467	1	1	1
2076	93	93	93	1872	34	33	34	1668	3	4	3	1464	1	1	1
2073	92	92	92	1869	33	32	33	1665	2	3	3	1461	1	1	1
2070	91	91	91	1866	33	32	32	1662	2	3	3	1458	1	1	1
2067	91	91	91	1863	32	31	31	1659	2	3	3	1455	1	1	1
2064	90	90	90	1860	31	30	31	1656	2	3	3	1452	1	1	1
2061	89	89	89	1857	30	30	30	1653	2	3	2	1449	1	1	1
2058	89	88	89	1854	29	29	29	1650	2	3	2	1446	1	1	1
2055	88	88	88	1851	28	28	28	1647	2	2	2	1443	1	1	1
2052	87	87	87	1848	27	28	28	1644	2	2	2	1440	1	1	1
2049	86	86	86	1845	27	27	27	1641	1	2	2	1437	1	1	1
2046	85	85	85	1842	26	26	26	1638	1	2	2	1434	1	1	1
2043	84	85	85	1839	25	26	25	1635	1	2	2	1431	1	1	1
2040	84	84	84	1836	25	25	25	1632	1	2	2	1428	1	1	1
2037	83	83	83	1833	24	24	24	1629	1	2	1	1425	1	1	1
2034	82	82	82	1830	23	23	23	1626	1	2	1	1422	1	1	1
2031	82	82	82	1827	23	23	23	1623	1	2	1	1419	1	1	1
2028	81	81	81	1824	22	22	22	1620	1	2	1	1416	1	1	1
2025	80	80	80	1821	22	22	22	1617	1	2	1	1413	1	1	1
2022	80	79	79	1818	21	21	21	1614	1	1	1	1410	1	1	1
2019	79	78	78	1815	20	21	20	1611	1	1	1	1407	1	1	1
2016	78	77	77	1812	19	20	20	1608	1	1	1	1404	1	1	1
2013	77	76	76	1809	19	20	19	1605	1	1	1	1401	1	1	1
2010	76	75	76	1806	18	19	19	1602	1	1	1	1398	1	1	1
2007	75	75	75	1803	18	18	18	1599	1	1	1	1395	1	1	1
2004	74	74	74	1800	17	18	17	1596	1	1	1	1392	1	1	1
2001	74	73	73	1797	17	17	17	1593	1	1	1	1389	1	1	1
1998	73	72	72	1794	16	17	16	1590	1	1	1	1386	1	1	1
1995	72	71	71	1791	16	16	16	1587	1	1	1	1383	1	1	1
1992	71	70	70	1788	15	16	15	1584	1	1	1	1380	1	1	1
1989	70	69	69	1785	14	15	15	1581	1	1	1	1377	1	1	1
1986	69	68	68	1782	14	15	14	1578	1	1	1	1374	1	1	1
1983	68	67	67	1779	13	15	14	1575	1	1	1	1371	1	1	1
1980	67	66	66	1776	13	14	14	1572	1	1	1	1368	1	1	1
1977	66	65	65	1773	12	14	13	1569	1	1	1	1365	1	1	1
1974	65	64	64	1770	12	13	13	1566	1	1	1	1362	1	1	1
1971	64	63	63	1767	12	13	12	1563	1	1	1	1359	1	1	1
1968	63	62	63	1764	11	12	12	1560	1	1	1	1356	1	1	1
1965	62	61	62	1761	11	12	11	1557	1	1	1	1353	1	1	1
1962	61	60	61	1758	10	12	11	1554	1	1	1	1350	1	1	1
1959	60	59	60	1755	10	11	10	1551	1	1	1	1347	1	1	1
1956	59	58	59	1752	9	11	10	1548	1	1	1	1344	1	1	1
1953	58	58	58	1749	9	10	10	1545	1	1	1	1341	1	1	1
1950	57	57	57	1746	9	10	10	1542	1	1	1	1338	1	1	1
1947	56	56	56	1743	8	10	9	1539	1	1	1	1335	1	1	1
1944	55	55	55	1740	8	9	9	1536	1	1	1	1332	1	1	1
1941	54	54	54	1737	8	9	8	1533	1	1	1	1329	1	1	1
1938	53	53	53	1734	7	9	8	1530	1	1	1	1326	1	1	1
1935	52	52	52	1731	7	8	8	1527	1	1	1	1323	1	1	1
1932	51	51	51	1728	7	8	8	1524	1	1	1	1320	1	1	1
1929	50	50	50	1725	7	8	7	1521	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 2015-July 2018

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	98	99	98	95	99	98	96	99
791	98	97	99	98	94	99	98	96	99
788	98	97	99	98	94	99	98	95	99
785	98	97	99	97	93	99	97	95	99
782	97	96	99	97	92	99	97	94	99
779	97	96	99	97	91	99	97	94	99
776	96	95	99	96	90	99	96	93	99
773	96	94	99	96	89	99	96	92	99
770	95	94	99	95	88	99	95	91	99
767	95	93	98	95	88	99	95	90	99
764	94	93	98	94	87	98	94	90	98
761	94	92	98	93	85	98	94	89	98
758	93	91	98	93	85	98	93	88	98
755	92	90	98	92	83	98	92	87	98
752	91	89	97	91	82	98	91	86	97
749	90	88	97	90	81	97	90	85	97
746	90	88	97	89	80	97	89	84	97
743	89	87	96	88	79	96	89	83	96
740	88	86	96	88	78	96	88	82	96
737	87	85	95	87	76	96	87	81	96
734	86	83	95	86	75	96	86	79	95
731	84	82	95	84	74	95	84	78	95
728	83	81	93	83	72	94	83	77	93
725	82	80	93	82	71	93	82	75	93
722	81	78	91	81	69	92	81	74	92
719	79	77	89	79	68	91	79	72	90
716	78	76	88	78	66	89	78	71	89
713	77	74	86	77	65	88	77	70	87
710	75	72	85	75	63	87	75	68	86
707	74	71	83	74	62	85	74	66	84
704	72	69	81	73	60	83	73	65	82
701	70	68	80	71	58	82	71	63	81
698	69	66	78	70	57	80	69	61	79
695	67	64	76	68	55	78	68	60	77
692	65	62	74	66	53	77	66	58	75
689	64	61	72	65	51	74	64	56	73
686	62	59	70	63	50	73	63	54	71
683	60	57	68	61	48	71	61	53	69
680	59	55	66	60	46	69	59	51	67
677	57	53	63	58	44	67	57	49	65
674	55	52	61	56	43	65	56	47	63
671	53	50	59	55	41	63	54	46	61
668	51	48	57	53	40	61	52	44	59
665	50	46	54	52	38	59	51	42	57
662	48	44	53	50	37	57	49	41	55
659	46	42	50	48	35	55	47	39	52
656	44	41	49	46	33	53	45	37	51
653	42	39	47	45	32	51	43	35	49
650	40	37	44	43	30	49	42	34	46
647	39	35	42	42	29	47	40	32	45
644	37	34	40	40	28	45	38	31	43
641	35	32	38	38	26	43	36	29	41
638	33	30	36	36	25	41	35	28	39
635	32	29	34	35	24	39	33	26	37
632	30	27	32	33	22	37	31	25	34
629	29	25	30	32	21	35	30	23	33
626	27	24	28	30	20	34	28	22	31
623	26	22	26	29	19	32	27	20	29
620	24	21	24	27	18	30	26	19	27
617	23	20	23	26	17	28	24	18	26
614	21	18	21	24	15	26	23	17	24
611	20	17	20	23	14	25	21	16	22
608	19	16	18	22	13	23	20	14	21
605	17	14	17	20	12	21	19	13	19
602	16	13	15	19	11	20	18	12	18
599	15	12	14	18	11	19	16	11	16
596	14	11	13	17	10	17	15	10	15
593	13	10	12	16	9	16	14	10	14
590	12	9	10	14	8	14	13	9	12
587	11	8	9	13	7	14	12	8	11
584	10	8	8	12	7	12	11	7	10
581	9	7	7	12	6	11	10	6	9
578	8	6	7	11	5	10	9	6	8
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	5	4	4	7	3	6	6	4	5
563	5	3	3	7	3	6	6	3	4
560	4	3	3	6	3	5	5	3	4
557	4	2	2	5	2	4	5	2	3
554	3	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	2
539	2	1	1	3	1	2	2	1	1
536	1	1	1	2	1	1	2	1	1
533	1	1	1	2	1	1	2	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 2015-July 2018

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	87	85	86	1950	39	39	39	1725	3	4	4
2397	99	99	99	2172	87	84	85	1947	38	38	38	1722	3	4	4
2394	99	99	99	2169	86	84	85	1944	37	37	37	1719	3	4	4
2391	99	99	99	2166	86	83	84	1941	36	37	37	1716	3	4	3
2388	99	99	99	2163	85	83	84	1938	36	36	36	1713	3	4	3
2385	99	99	99	2160	85	82	84	1935	35	35	35	1710	3	4	3
2382	99	99	99	2157	84	82	83	1932	34	35	34	1707	2	3	3
2379	99	99	99	2154	84	81	83	1929	34	34	34	1704	2	3	3
2376	99	99	99	2151	83	81	82	1926	33	33	33	1701	2	3	3
2373	99	99	99	2148	83	80	82	1923	32	33	32	1698	2	3	2
2370	99	99	99	2145	82	80	81	1920	32	32	32	1695	2	3	2
2367	99	99	99	2142	82	79	81	1917	31	31	31	1692	2	3	2
2364	99	99	99	2139	81	79	80	1914	30	31	31	1689	2	2	2
2361	99	99	99	2136	81	78	80	1911	30	30	30	1686	2	2	2
2358	99	99	99	2133	80	78	79	1908	29	30	29	1683	1	2	2
2355	99	99	99	2130	80	77	78	1905	29	29	29	1680	1	2	2
2352	99	99	99	2127	79	76	78	1902	28	28	28	1677	1	2	2
2349	99	99	99	2124	79	76	77	1899	27	28	27	1674	1	2	2
2346	99	99	99	2121	78	75	77	1896	27	27	27	1671	1	2	1
2343	99	99	99	2118	77	75	76	1893	26	27	26	1668	1	2	1
2340	99	99	99	2115	77	74	76	1890	25	26	26	1665	1	1	1
2337	99	99	99	2112	76	73	75	1887	25	25	25	1662	1	1	1
2334	99	99	99	2109	76	73	74	1884	24	25	24	1659	1	1	1
2331	99	99	99	2106	75	72	74	1881	23	24	24	1656	1	1	1
2328	99	99	99	2103	75	72	73	1878	23	24	23	1653	1	1	1
2325	99	99	99	2100	74	71	73	1875	22	23	23	1650	1	1	1
2322	99	99	99	2097	73	71	72	1872	22	23	22	1647	1	1	1
2319	99	98	99	2094	73	70	71	1869	21	22	22	1644	1	1	1
2316	99	98	98	2091	72	69	71	1866	21	22	21	1641	1	1	1
2313	99	98	98	2088	71	69	70	1863	20	21	21	1638	1	1	1
2310	98	98	98	2085	71	68	69	1860	19	21	20	1635	1	1	1
2307	98	98	98	2082	70	68	69	1857	19	20	20	1632	1	1	1
2304	98	98	98	2079	69	67	68	1854	18	20	19	1629	1	1	1
2301	98	98	98	2076	69	66	67	1851	18	19	19	1626	1	1	1
2298	98	97	98	2073	68	66	67	1848	17	19	18	1623	1	1	1
2295	98	97	98	2070	67	65	66	1845	17	18	18	1620	1	1	1
2292	98	97	97	2067	67	64	66	1842	16	18	17	1617	1	1	1
2289	98	97	97	2064	66	64	65	1839	16	17	17	1614	1	1	1
2286	97	97	97	2061	65	63	64	1836	15	17	16	1611	1	1	1
2283	97	96	97	2058	65	62	64	1833	15	17	16	1608	1	1	1
2280	97	96	97	2055	64	62	63	1830	14	16	15	1605	1	1	1
2277	97	96	96	2052	63	61	62	1827	14	16	15	1602	1	1	1
2274	97	96	96	2049	63	60	62	1824	13	15	14	1599	1	1	1
2271	97	96	96	2046	62	60	61	1821	13	15	14	1596	1	1	1
2268	96	95	96	2043	61	59	60	1818	13	14	13	1593	1	1	1
2265	96	95	96	2040	60	59	60	1815	12	14	13	1590	1	1	1
2262	96	95	95	2037	60	58	59	1812	12	14	13	1587	1	1	1
2259	96	95	95	2034	59	57	58	1809	11	13	12	1584	1	1	1
2256	96	94	95	2031	58	57	57	1806	11	13	12	1581	1	1	1
2253	95	94	95	2028	57	56	57	1803	11	12	11	1578	1	1	1
2250	95	94	95	2025	57	55	56	1800	10	12	11	1575	1	1	1
2247	95	94	94	2022	56	55	55	1797	10	12	11	1572	1	1	1
2244	95	93	94	2019	55	54	55	1794	9	11	10	1569	1	1	1
2241	94	93	94	2016	54	53	54	1791	9	11	10	1566	1	1	1
2238	94	93	93	2013	54	53	53	1788	9	10	10	1563	1	1	1
2235	94	92	93	2010	53	52	52	1785	8	10	9	1560	1	1	1
2232	94	92	93	2007	52	51	52	1782	8	10	9	1557	1	1	1
2229	94	92	93	2004	52	51	51	1779	8	9	9	1554	1	1	1
2226	93	91	92	2001	51	50	50	1776	7	9	8	1551	1	1	1
2223	93	91	92	1998	50	49	50	1773	7	9	8	1548	1	1	1
2220	93	91	92	1995	49	48	49	1770	7	8	8	1545	1	1	1
2217	92	90	91	1992	49	48	48	1767	7	8	7	1542	1	1	1
2214	92	90	91	1989	48	47	48	1764	6	8	7	1539	1	1	1
2211	92	90	91	1986	47	46	47	1761	6	7	7	1536	1	1	1
2208	91	89	90	1983	46	46	46	1758	6	7	6	1533	1	1	1
2205	91	89	90	1980	46	45	45	1755	6	7	6	1530	1	1	1
2202	90	88	89	1977	45	44	45	1752	5	7	6	1527	1	1	1
2199	90	88	89	1974	44	44	44	1749	5	6	6	1524	1	1	1
2196	90	88	89	1971	44	43	43	1746	5	6	5	1521	1	1	1
2193	89	87	88	1968	43	42	43	1743	5	6	5	1518	1	1	1
2190	89	87	88	1965	42	42	42	1740	4	6	5	1515	1	1	1
2187	89	86	87	1962	41	41	41	1737	4	5	5	1512	1	1	1
2184	88	86	87	1959	41	40	41	1734	4	5	5	1509	1	1	1
2181	88	86	87	1956	40	40	40	1731	4	5	4	1506	1	1	1
2178	87	85	86	1953	39	39	39	1728	4	5	4	1503	1	1	1
												1500	1	1	1

**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 2015-July 2018

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	96	91	99	95	87	99	95	89	99
782	95	90	99	95	85	99	95	88	99
779	94	89	99	94	85	99	94	87	99
776	94	88	99	93	83	99	93	85	99
773	93	87	98	93	82	98	93	84	98
770	92	85	98	92	80	98	92	83	98
767	92	84	98	91	79	98	92	81	98
764	91	83	97	90	78	98	91	80	98
761	90	81	97	90	76	97	90	79	97
758	89	80	97	89	75	97	89	77	97
755	88	79	96	88	73	97	88	76	97
752	87	78	96	87	72	97	87	75	96
749	86	76	95	87	71	96	86	73	96
746	85	75	95	86	69	96	85	72	95
743	84	73	94	85	68	95	84	70	95
740	83	72	93	84	66	95	83	69	94
737	82	70	93	83	65	94	82	68	94
734	80	69	93	82	63	94	81	66	93
731	79	67	92	80	62	94	80	64	93
728	77	65	90	79	60	92	78	62	91
725	76	63	89	78	59	91	77	61	90
722	74	62	88	76	57	90	75	59	89
719	73	60	86	75	56	88	74	58	87
716	71	59	84	74	54	87	73	56	86
713	70	57	81	72	53	85	71	55	83
710	68	55	80	71	51	84	70	53	82
707	67	54	78	70	50	82	69	52	80
704	65	52	76	69	48	80	67	50	78
701	63	50	74	68	47	79	66	48	77
698	62	48	71	66	45	76	64	47	74
695	60	47	69	65	44	74	63	45	72
692	58	45	68	63	42	73	61	43	71
689	57	43	65	62	40	71	59	42	68
686	55	42	63	60	39	69	58	40	66
683	53	40	61	58	37	67	56	39	64
680	52	39	59	57	36	65	54	37	62
677	50	37	57	55	34	63	53	36	60
674	48	36	55	54	33	61	52	34	58
671	47	34	53	53	32	59	50	33	56
668	45	33	51	51	30	57	48	32	54
665	43	32	49	50	29	55	47	30	52
662	42	30	47	48	28	54	45	29	51
659	40	29	44	47	26	51	44	27	48
656	39	27	42	45	25	50	42	26	46
653	37	26	41	43	24	48	40	25	44
650	36	25	38	42	23	46	39	24	42
647	34	23	37	40	21	44	38	22	41
644	33	22	35	39	20	42	36	21	39
641	31	21	33	37	19	40	34	20	37
638	30	20	31	35	18	39	33	19	35
635	29	19	29	34	18	37	32	18	33
632	27	18	27	33	17	35	30	17	31
629	26	17	26	31	16	33	29	16	30
626	24	16	24	30	15	31	27	15	28
623	23	14	23	29	14	29	26	14	26
620	22	13	21	28	13	28	25	13	25
617	21	12	20	26	12	26	24	12	23
614	20	11	18	25	12	24	22	11	21
611	18	11	17	23	11	23	21	11	20
608	18	10	16	22	10	21	20	10	19
605	16	9	15	21	9	20	19	9	18
602	15	8	14	20	8	19	18	8	16
599	15	8	13	19	8	17	17	8	15
596	14	7	11	18	7	16	16	7	14
593	13	6	10	17	6	15	15	6	13
590	12	6	9	16	6	14	14	6	12
587	12	5	9	15	5	13	13	5	11
584	11	5	8	14	5	12	12	5	10
581	10	4	7	13	4	11	12	4	9
578	9	4	6	12	4	10	11	4	8
575	9	3	6	12	3	9	10	3	7
572	8	3	5	11	3	8	10	3	7
569	8	3	4	10	3	7	9	3	6
566	6	3	4	9	2	6	8	2	5
563	6	2	3	9	2	6	8	2	5
560	6	2	3	8	2	5	7	2	4
557	5	2	2	7	1	4	6	2	3
554	5	1	2	7	1	4	6	1	3
551	4	1	2	6	1	3	5	1	2
548	4	1	1	6	1	3	5	1	2
545	3	1	1	5	1	2	4	1	2
542	3	1	1	4	1	2	4	1	1
539	3	1	1	4	1	2	3	1	1
536	2	1	1	3	1	1	3	1	1
533	2	1	1	3	1	1	2	1	1
530	2	1	1	2	1	1	2	1	1
527	1	1	1	2	1	1	2	1	1
524	1	1	1	2	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 2015-July 2018

Total Scaled Score	Female	Male	Total	Total Scaled Score	Female	Male	Total	Total Scaled Score	Female	Male	Total	Total Scaled Score	Female	Male	Total
	TOTAL	TOTAL	TOTAL		TOTAL	TOTAL	TOTAL		TOTAL	TOTAL	TOTAL		TOTAL	TOTAL	TOTAL
2400	99	99	99	2175	79	80	80	1950	30	34	32	1725	2	3	3
2397	99	99	99	2172	79	79	79	1947	29	33	31	1722	2	3	3
2394	99	99	99	2169	78	79	79	1944	28	33	31	1719	2	3	2
2391	99	99	99	2166	78	78	78	1941	28	32	30	1716	2	3	2
2388	99	99	99	2163	78	78	78	1938	27	32	30	1713	2	2	2
2385	99	99	99	2160	77	77	77	1935	27	31	29	1710	2	2	2
2382	99	99	99	2157	76	77	76	1932	26	31	29	1707	2	2	2
2379	99	99	99	2154	76	76	76	1929	26	30	28	1704	2	2	2
2376	99	99	99	2151	75	75	75	1926	25	29	27	1701	1	2	2
2373	99	99	99	2148	74	75	75	1923	24	29	27	1698	1	2	2
2370	99	99	99	2145	74	74	74	1920	24	28	26	1695	1	2	1
2367	99	99	99	2142	73	74	73	1917	23	27	25	1692	1	2	1
2364	99	99	99	2139	73	73	73	1914	22	27	25	1689	1	1	1
2361	99	99	99	2136	72	73	72	1911	22	26	24	1686	1	1	1
2358	99	99	99	2133	71	72	72	1908	21	26	24	1683	1	1	1
2355	99	99	99	2130	71	71	71	1905	21	25	23	1680	1	1	1
2352	99	99	99	2127	70	71	71	1902	20	25	23	1677	1	1	1
2349	99	99	99	2124	69	70	70	1899	20	24	22	1674	1	1	1
2346	99	99	99	2121	69	70	69	1896	19	24	22	1671	1	1	1
2343	99	98	98	2118	68	69	69	1893	19	23	21	1668	1	1	1
2340	98	98	98	2115	67	68	68	1890	18	23	20	1665	1	1	1
2337	98	98	98	2112	67	68	67	1887	17	22	20	1662	1	1	1
2334	98	98	98	2109	66	67	67	1884	17	21	19	1659	1	1	1
2331	98	98	98	2106	65	67	66	1881	16	21	19	1656	1	1	1
2328	98	98	98	2103	65	66	65	1878	16	21	18	1653	1	1	1
2325	98	97	98	2100	64	65	65	1875	15	20	18	1650	1	1	1
2322	98	97	97	2097	64	65	64	1872	15	19	17	1647	1	1	1
2319	97	97	97	2094	63	64	63	1869	15	19	17	1644	1	1	1
2316	97	97	97	2091	62	63	63	1866	14	18	17	1641	1	1	1
2313	97	97	97	2088	61	63	62	1863	14	18	16	1638	1	1	1
2310	97	96	97	2085	60	62	61	1860	13	17	16	1635	1	1	1
2307	97	96	96	2082	59	62	61	1857	13	17	15	1632	1	1	1
2304	96	96	96	2079	59	61	60	1854	13	16	15	1629	1	1	1
2301	96	96	96	2076	58	60	59	1851	12	16	14	1626	1	1	1
2298	96	95	96	2073	57	60	58	1848	12	15	14	1623	1	1	1
2295	96	95	95	2070	56	59	58	1845	12	15	14	1620	1	1	1
2292	95	95	95	2067	56	58	57	1842	11	15	13	1617	1	1	1
2289	95	95	95	2064	55	57	56	1839	11	14	13	1614	1	1	1
2286	95	94	95	2061	54	56	55	1836	11	14	12	1611	1	1	1
2283	95	94	94	2058	54	56	55	1833	10	13	12	1608	1	1	1
2280	94	93	94	2055	53	55	54	1830	10	13	12	1605	1	1	1
2277	94	93	93	2052	52	55	54	1827	9	13	11	1602	1	1	1
2274	94	93	93	2049	52	54	53	1824	9	12	11	1599	1	1	1
2271	93	93	93	2046	51	53	52	1821	9	12	10	1596	1	1	1
2268	93	92	93	2043	50	53	52	1818	8	11	10	1593	1	1	1
2265	93	92	92	2040	50	52	51	1815	8	11	10	1590	1	1	1
2262	92	92	92	2037	49	51	50	1812	8	11	9	1587	1	1	1
2259	92	91	92	2034	48	51	50	1809	7	10	9	1584	1	1	1
2256	92	91	91	2031	47	50	49	1806	7	10	9	1581	1	1	1
2253	91	91	91	2028	47	49	48	1803	7	9	8	1578	1	1	1
2250	91	90	91	2025	46	49	47	1800	6	9	8	1575	1	1	1
2247	91	90	90	2022	45	48	47	1797	6	9	8	1572	1	1	1
2244	91	90	90	2019	45	48	46	1794	6	9	7	1569	1	1	1
2241	90	89	90	2016	44	47	46	1791	6	8	7	1566	1	1	1
2238	90	89	89	2013	43	47	45	1788	6	8	7	1563	1	1	1
2235	89	88	89	2010	42	46	45	1785	5	8	7	1560	1	1	1
2232	89	88	88	2007	42	46	44	1782	5	7	6	1557	1	1	1
2229	89	88	88	2004	41	45	43	1779	5	7	6	1554	1	1	1
2226	88	87	88	2001	40	44	43	1776	5	7	6	1551	1	1	1
2223	88	87	87	1998	40	44	42	1773	4	7	6	1548	1	1	1
2220	88	86	87	1995	39	43	41	1770	4	6	5	1545	1	1	1
2217	87	86	87	1992	38	43	41	1767	4	6	5	1542	1	1	1
2214	87	86	86	1989	38	42	40	1764	4	6	5	1539	1	1	1
2211	86	85	86	1986	37	41	40	1761	4	6	5	1536	1	1	1
2208	86	85	85	1983	37	41	39	1758	4	5	4	1533	1	1	1
2205	85	84	85	1980	36	40	38	1755	3	5	4	1530	1	1	1
2202	85	84	85	1977	36	40	38	1752	3	5	4	1527	1	1	1
2199	84	84	84	1974	35	39	37	1749	3	5	4	1524	1	1	1
2196	84	83	83	1971	34	38	36	1746	3	4	4	1521	1	1	1
2193	83	83	83	1968	33	38	36	1743	3	4	4	1518	1	1	1
2190	83	82	82	1965	33	37	35	1740	3	4	3	1515	1	1	1
2187	82	82	82	1962	32	36	34	1737	3	4	3	1512	1	1	1
2184	81	81	81	1959	32	36	34	1734	3	4	3	1509	1	1	1
2181	81	81	81	1956	31	35	33	1731	2	3	3	1506	1	1	1
2178	80	80	80	1953	30	34	32	1728	2	3	3	1503	1	1	1
												1500	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 2015-July 2018

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	98	94	99	98	94	99	98	94	99
794	98	93	99	98	92	99	98	93	99
791	97	92	99	97	91	99	97	91	99
788	97	91	99	97	90	99	97	90	99
785	96	90	99	97	89	99	96	90	99
782	95	89	99	96	88	99	96	88	99
779	95	87	98	96	86	99	95	87	99
776	94	85	98	95	85	99	95	85	99
773	94	84	98	95	84	99	94	84	98
770	93	82	98	95	82	99	94	82	98
767	92	81	97	94	80	98	93	81	98
764	92	79	97	93	79	98	93	79	97
761	91	77	97	92	77	97	92	77	97
758	90	75	96	92	76	97	91	76	97
755	89	74	96	91	73	97	90	74	97
752	88	72	96	90	72	96	89	72	96
749	86	71	95	89	70	96	88	70	96
746	85	69	95	88	68	96	87	69	95
743	84	68	94	87	67	95	86	67	94
740	83	66	94	86	65	94	85	65	94
737	82	64	93	85	63	94	84	64	94
734	81	63	93	84	62	94	83	62	93
731	80	61	92	83	60	93	82	60	93
728	78	59	91	82	58	92	80	58	91
725	77	57	89	80	56	91	79	57	90
722	76	56	87	79	55	89	78	55	88
719	74	54	85	78	54	88	76	54	86
716	73	53	83	77	52	87	75	52	85
713	71	51	81	76	51	85	74	51	83
710	69	49	79	75	49	84	72	49	82
707	67	47	77	73	47	82	70	47	80
704	66	46	75	71	46	81	69	46	78
701	64	44	74	70	44	80	67	44	77
698	63	42	72	69	43	77	66	43	75
695	61	41	70	68	41	76	65	41	73
692	59	39	68	66	40	74	63	39	71
689	58	37	65	65	38	72	62	38	69
686	56	36	63	64	37	70	60	36	67
683	55	34	60	62	36	68	59	35	65
680	52	32	58	60	34	66	57	33	63
677	50	31	56	58	32	64	55	32	61
674	48	30	53	57	31	62	53	30	58
671	47	28	52	55	30	60	51	29	57
668	45	27	49	54	28	58	50	28	54
665	44	26	47	52	26	56	49	26	52
662	43	25	46	50	25	54	47	25	50
659	41	24	43	49	24	52	45	24	48
656	40	23	42	47	23	50	44	23	46
653	39	22	40	45	22	48	43	22	44
650	38	21	37	43	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	37	19	36	42	19	44	39	19	40
644	35	19	34	40	19	43	38	19	39
641	33	17	32	38	17	40	36	17	37
638	32	16	31	37	16	38	35	16	35
635	32	16	29	35	15	36	34	15	33
632	30	14	27	34	14	34	32	14	31
629	29	13	25	33	13	32	31	13	29
626	27	13	24	31	12	30	29	12	27
623	27	12	22	30	11	29	29	12	26
620	26	11	21	29	10	27	27	11	24
617	24	10	19	27	10	26	26	10	23
614	24	10	18	26	9	24	25	9	21
611	23	9	16	25	8	23	24	9	20
608	21	8	15	24	8	21	23	8	18
605	20	7	14	22	8	19	21	7	17
602	18	6	13	21	7	18	20	6	16
599	17	6	12	20	6	17	19	6	15
596	16	5	11	19	6	15	18	6	13
593	15	5	10	18	5	14	17	5	12
590	14	5	9	17	5	13	16	5	11
587	14	4	8	15	4	12	15	4	10
584	13	4	8	14	4	11	14	4	9
581	12	4	7	14	3	10	13	3	8
578	11	3	6	13	3	9	12	3	8
575	10	3	5	12	2	8	11	3	7
572	9	3	4	11	2	7	10	2	6
569	8	2	4	10	2	6	9	2	5
566	8	2	3	10	2	5	9	2	5
563	7	1	3	9	1	5	8	1	4
560	6	1	3	8	1	4	7	1	3
557	6	1	2	7	1	3	6	1	3
554	5	1	2	6	1	3	6	1	2
551	5	1	2	6	1	2	5	1	2
548	4	1	1	5	1	2	5	1	2
545	4	1	1	5	1	2	4	1	1
542	3	1	1	4	1	1	4	1	1
539	3	1	1	3	1	1	3	1	1
536	3	1	1	3	1	1	3	1	1
533	2	1	1	3	1	1	2	1	1
530	2	1	1	3	1	1	2	1	1
527	1	1	1	2	1	1	2	1	1
524	1	1	1	2	1	1	2	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 2015-July 2018

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	80	81	80	1950	28	32	30	1725	1	3	2
2397	99	99	99	2172	79	81	80	1947	27	32	30	1722	1	3	2
2394	99	99	99	2169	79	80	80	1944	26	31	29	1719	1	3	2
2391	99	99	99	2166	78	80	79	1941	25	31	28	1716	1	3	2
2388	99	99	99	2163	77	80	79	1938	25	30	28	1713	1	3	2
2385	99	99	99	2160	77	79	78	1935	24	29	27	1710	1	3	2
2382	99	99	99	2157	76	79	78	1932	23	28	26	1707	1	2	2
2379	99	99	99	2154	75	78	77	1929	23	28	26	1704	1	2	1
2376	99	99	99	2151	75	77	76	1926	23	27	25	1701	1	2	1
2373	99	99	99	2148	74	77	76	1923	22	26	24	1698	1	2	1
2370	99	99	99	2145	73	76	75	1920	21	26	24	1695	1	2	1
2367	99	99	99	2142	73	76	74	1917	21	25	23	1692	1	2	1
2364	99	99	99	2139	72	75	74	1914	20	24	23	1689	1	2	1
2361	99	99	99	2136	71	75	73	1911	20	24	22	1686	1	2	1
2358	99	99	99	2133	71	74	73	1908	19	24	22	1683	1	2	1
2355	99	99	99	2130	70	73	72	1905	19	23	21	1680	1	2	1
2352	99	99	99	2127	69	73	71	1902	18	22	20	1677	1	1	1
2349	99	99	99	2124	69	72	71	1899	18	22	20	1674	1	1	1
2346	99	99	99	2121	68	72	70	1896	18	21	19	1671	1	1	1
2343	99	99	99	2118	68	71	70	1893	17	21	19	1668	1	1	1
2340	99	99	99	2115	67	71	69	1890	17	20	19	1665	1	1	1
2337	99	99	99	2112	66	70	69	1887	16	20	18	1662	1	1	1
2334	98	99	98	2109	66	70	68	1884	16	19	18	1659	1	1	1
2331	98	98	98	2106	65	69	67	1881	15	19	17	1656	1	1	1
2328	98	98	98	2103	64	68	66	1878	15	18	17	1653	1	1	1
2325	98	98	98	2100	63	68	66	1875	14	18	16	1650	1	1	1
2322	98	98	98	2097	63	67	65	1872	14	17	16	1647	1	1	1
2319	98	98	98	2094	62	67	65	1869	13	17	15	1644	1	1	1
2316	98	98	98	2091	62	66	64	1866	13	16	15	1641	1	1	1
2313	97	97	97	2088	61	65	63	1863	13	16	14	1638	1	1	1
2310	97	97	97	2085	60	64	62	1860	12	15	14	1635	1	1	1
2307	97	97	97	2082	59	64	62	1857	12	15	13	1632	1	1	1
2304	97	97	97	2079	58	63	61	1854	12	14	13	1629	1	1	1
2301	97	96	97	2076	57	62	60	1851	11	14	13	1626	1	1	1
2298	97	96	96	2073	57	62	59	1848	10	13	12	1623	1	1	1
2295	96	96	96	2070	55	61	59	1845	10	13	12	1620	1	1	1
2292	96	96	96	2067	54	60	58	1842	9	13	11	1617	1	1	1
2289	96	95	96	2064	53	59	57	1839	9	12	11	1614	1	1	1
2286	96	95	95	2061	53	59	56	1836	9	12	10	1611	1	1	1
2283	95	95	95	2058	52	58	55	1833	8	11	10	1608	1	1	1
2280	95	95	95	2055	52	57	55	1830	8	11	10	1605	1	1	1
2277	95	94	95	2052	51	57	54	1827	8	11	9	1602	1	1	1
2274	95	94	94	2049	50	56	53	1824	7	10	9	1599	1	1	1
2271	94	94	94	2046	49	55	53	1821	7	10	9	1596	1	1	1
2268	94	93	94	2043	48	55	52	1818	7	10	8	1593	1	1	1
2265	94	93	93	2040	47	54	51	1815	7	9	8	1590	1	1	1
2262	93	93	93	2037	47	53	50	1812	6	9	8	1587	1	1	1
2259	93	93	93	2034	46	52	49	1809	6	9	8	1584	1	1	1
2256	93	92	92	2031	45	51	49	1806	6	9	7	1581	1	1	1
2253	92	92	92	2028	45	51	48	1803	5	8	7	1578	1	1	1
2250	92	91	91	2025	44	50	47	1800	5	8	7	1575	1	1	1
2247	92	91	91	2022	43	49	47	1797	5	8	7	1572	1	1	1
2244	91	90	91	2019	42	49	46	1794	5	8	6	1569	1	1	1
2241	91	90	90	2016	42	48	45	1791	4	7	6	1566	1	1	1
2238	91	90	90	2013	41	47	45	1788	4	7	6	1563	1	1	1
2235	90	89	90	2010	40	47	44	1785	4	7	6	1560	1	1	1
2232	90	89	89	2007	40	46	43	1782	4	7	5	1557	1	1	1
2229	89	89	89	2004	39	46	43	1779	4	6	5	1554	1	1	1
2226	89	88	89	2001	38	45	42	1776	4	6	5	1551	1	1	1
2223	89	88	88	1998	38	44	41	1773	3	6	5	1548	1	1	1
2220	88	88	88	1995	37	43	40	1770	3	5	4	1545	1	1	1
2217	87	87	87	1992	36	42	40	1767	3	5	4	1542	1	1	1
2214	86	87	87	1989	36	42	39	1764	3	5	4	1539	1	1	1
2211	86	86	86	1986	35	41	38	1761	2	5	4	1536	1	1	1
2208	86	86	86	1983	34	40	38	1758	2	5	4	1533	1	1	1
2205	85	86	85	1980	34	40	37	1755	2	5	4	1530	1	1	1
2202	84	85	85	1977	33	39	36	1752	2	5	4	1527	1	1	1
2199	84	85	84	1974	32	38	35	1749	2	4	3	1524	1	1	1
2196	83	84	84	1971	31	38	35	1746	2	4	3	1521	1	1	1
2193	83	84	83	1968	31	37	34	1743	2	4	3	1518	1	1	1
2190	82	83	83	1965	31	36	34	1740	2	4	3	1515	1	1	1
2187	82	83	82	1962	30	35	33	1737	2	4	3	1512	1	1	1
2184	81	82	82	1959	29	35	32	1734	2	4	3	1509	1	1	1
2181	81	82	81	1956	29	34	32	1731	2	3	2	1506	1	1	1
2178	80	82	81	1953	28	33	31	1728	1	3	2	1503	1	1	1
												1500	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 2015-July 2018

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	99	97	99	98	97	99
794	97	94	99	99	96	99	98	96	99
791	96	92	99	98	96	99	98	95	99
788	96	90	99	98	94	99	98	93	99
785	95	90	99	98	93	99	98	93	99
782	95	87	99	98	92	99	97	91	99
779	95	86	99	97	91	99	97	90	99
776	94	84	99	97	89	99	97	88	99
773	94	82	98	97	88	99	97	87	99
770	93	82	98	97	86	99	96	85	99
767	93	81	98	97	85	99	96	84	99
764	92	81	98	96	84	99	95	83	99
761	92	79	97	96	82	99	95	82	98
758	91	79	97	95	81	98	94	81	98
755	90	77	97	95	80	98	94	79	98
752	90	76	97	95	78	98	94	77	98
749	88	73	97	94	76	98	93	76	98
746	87	71	97	93	75	98	92	74	98
743	86	69	97	92	73	97	91	72	97
740	86	68	97	92	71	97	91	70	97
737	86	66	97	91	70	97	90	69	97
734	85	64	95	91	68	97	90	67	97
731	85	63	95	90	66	97	89	65	96
728	83	59	92	89	64	96	88	63	95
725	82	57	89	88	62	95	87	61	94
722	80	55	85	87	60	94	86	59	92
719	79	53	83	86	58	93	85	57	91
716	74	52	82	85	56	93	83	55	90
713	74	51	82	85	53	92	82	53	90
710	71	50	82	83	50	91	81	50	89
707	71	49	80	83	49	89	80	49	87
704	69	46	79	81	46	88	78	46	86
701	68	45	78	80	45	86	77	45	84
698	66	43	77	78	44	84	76	44	83
695	64	41	75	77	44	83	75	43	81
692	63	39	74	77	42	82	74	41	80
689	62	36	73	75	39	80	72	39	78
686	60	35	72	73	38	78	70	37	77
683	59	34	71	71	35	75	69	35	74
680	56	30	69	69	34	73	66	33	72
677	51	30	65	67	32	73	64	32	71
674	50	30	63	66	30	71	62	30	69
671	50	29	60	64	28	69	61	29	67
668	49	28	56	62	27	67	59	28	65
665	47	25	50	61	26	65	58	26	62
662	46	25	48	58	24	64	56	24	60
659	43	23	47	56	23	60	53	23	58
656	41	23	46	54	22	59	51	22	56
653	41	22	43	52	21	57	50	21	54
650	39	22	41	51	20	53	48	20	50
647	37	21	38	49	18	51	46	18	49
644	37	19	37	47	17	50	45	17	47
641	37	19	35	44	16	48	43	17	45
638	36	17	34	43	15	45	41	16	43
635	33	16	31	41	14	43	40	15	41
632	30	16	30	39	14	41	37	14	38
629	30	14	28	38	13	40	36	13	37
626	28	12	28	36	12	38	34	12	36
623	26	11	28	34	12	36	33	12	34
620	25	10	25	33	12	34	31	11	32
617	24	10	23	31	11	32	30	11	30
614	23	9	22	29	10	29	28	10	27
611	22	9	22	28	9	27	27	9	26
608	22	8	21	26	9	25	25	9	24
605	21	7	18	24	8	24	24	8	23
602	19	6	16	23	7	22	22	7	21
599	19	5	15	21	7	20	21	7	19
596	18	5	13	20	6	18	20	6	17
593	18	5	12	19	6	16	19	6	15
590	17	5	11	18	5	15	17	5	14
587	16	4	10	17	5	14	17	5	13
584	15	4	8	15	4	12	15	4	11
581	15	4	8	13	4	11	13	4	10
578	14	4	6	12	3	10	12	4	9
575	11	3	5	11	3	8	11	3	8
572	10	3	5	10	3	7	10	3	7
569	10	3	4	9	2	7	9	2	6
566	9	3	3	8	2	6	8	2	5
563	8	2	3	7	2	5	8	2	5
560	8	2	3	6	1	5	6	1	5
557	7	2	2	6	1	4	6	1	4
554	7	1	2	5	1	4	5	1	3
551	6	1	2	4	1	3	4	1	3
548	5	1	1	3	1	3	4	1	3
545	4	1	1	3	1	3	3	1	2
542	4	1	1	3	1	2	3	1	2
539	4	1	1	3	1	2	3	1	1
536	4	1	1	2	1	2	3	1	1
533	4	1	1	2	1	1	3	1	1
530	3	1	1	2	1	1	2	1	1
527	3	1	1	2	1	1	2	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 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 2015-July 2018

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	87	86	1950	30	39	37	1725	2	3	3
2397	99	99	99	2172	82	87	86	1947	29	38	36	1722	2	3	2
2394	99	99	99	2169	81	86	85	1944	29	37	35	1719	2	3	2
2391	99	99	99	2166	81	86	85	1941	29	36	34	1716	2	2	2
2388	99	99	99	2163	80	86	85	1938	29	35	34	1713	2	2	2
2385	99	99	99	2160	79	86	85	1935	29	34	33	1710	2	2	2
2382	99	99	99	2157	78	86	84	1932	26	33	32	1707	2	2	2
2379	99	99	99	2154	78	85	84	1929	24	32	31	1704	1	2	2
2376	99	99	99	2151	78	85	84	1926	24	32	30	1701	1	2	2
2373	99	99	99	2148	78	85	83	1923	24	31	30	1698	1	2	2
2370	99	99	99	2145	78	84	83	1920	22	31	29	1695	1	2	2
2367	99	99	99	2142	77	84	82	1917	21	30	28	1692	1	2	2
2364	99	99	99	2139	77	82	81	1914	21	30	28	1689	1	1	1
2361	99	99	99	2136	76	82	81	1911	19	29	27	1686	1	1	1
2358	99	99	99	2133	75	82	80	1908	19	28	26	1683	1	1	1
2355	99	99	99	2130	75	80	79	1905	17	27	25	1680	1	1	1
2352	99	99	99	2127	75	80	79	1902	16	27	25	1677	1	1	1
2349	99	99	99	2124	75	79	78	1899	16	26	24	1674	1	1	1
2346	99	99	99	2121	74	78	77	1896	16	26	24	1671	1	1	1
2343	99	99	99	2118	74	78	77	1893	16	25	23	1668	1	1	1
2340	99	99	99	2115	72	77	76	1890	15	24	22	1665	1	1	1
2337	98	99	99	2112	71	76	75	1887	14	24	22	1662	1	1	1
2334	98	99	99	2109	71	76	75	1884	13	24	21	1659	1	1	1
2331	98	99	99	2106	70	75	74	1881	12	23	21	1656	1	1	1
2328	98	99	99	2103	70	74	73	1878	12	22	20	1653	1	1	1
2325	98	99	99	2100	68	74	73	1875	11	22	19	1650	1	1	1
2322	98	99	99	2097	67	74	72	1872	11	21	19	1647	1	1	1
2319	98	98	98	2094	66	73	72	1869	11	21	19	1644	1	1	1
2316	98	98	98	2091	66	72	71	1866	11	20	18	1641	1	1	1
2313	98	98	98	2088	65	71	70	1863	11	19	17	1638	1	1	1
2310	97	98	98	2085	64	71	70	1860	11	18	16	1635	1	1	1
2307	97	98	98	2082	63	70	69	1857	11	18	16	1632	1	1	1
2304	97	98	98	2079	63	70	68	1854	10	17	15	1629	1	1	1
2301	97	98	98	2076	63	69	68	1851	10	16	15	1626	1	1	1
2298	97	98	98	2073	62	69	67	1848	9	16	15	1623	1	1	1
2295	97	98	98	2070	62	68	67	1845	8	16	14	1620	1	1	1
2292	96	98	98	2067	61	67	66	1842	8	15	14	1617	1	1	1
2289	96	98	98	2064	59	66	65	1839	8	15	14	1614	1	1	1
2286	96	98	98	2061	59	66	64	1836	8	15	13	1611	1	1	1
2283	96	98	97	2058	58	64	63	1833	6	14	13	1608	1	1	1
2280	96	98	97	2055	58	63	62	1830	6	14	12	1605	1	1	1
2277	95	98	97	2052	57	63	62	1827	6	13	11	1602	1	1	1
2274	95	98	97	2049	57	63	61	1824	5	12	11	1599	1	1	1
2271	95	98	97	2046	56	62	61	1821	5	12	10	1596	1	1	1
2268	94	97	97	2043	55	62	60	1818	5	11	10	1593	1	1	1
2265	94	97	96	2040	55	61	59	1815	5	11	10	1590	1	1	1
2262	94	97	96	2037	53	60	58	1812	5	10	9	1587	1	1	1
2259	94	97	96	2034	52	59	58	1809	5	10	9	1584	1	1	1
2256	94	97	96	2031	52	58	57	1806	5	10	9	1581	1	1	1
2253	94	97	96	2028	51	58	57	1803	5	9	8	1578	1	1	1
2250	94	97	96	2025	51	57	56	1800	4	9	8	1575	1	1	1
2247	92	96	96	2022	50	57	55	1797	4	8	7	1572	1	1	1
2244	92	96	95	2019	49	55	54	1794	4	8	7	1569	1	1	1
2241	92	96	95	2016	47	54	53	1791	4	8	7	1566	1	1	1
2238	91	96	95	2013	46	54	52	1788	4	7	6	1563	1	1	1
2235	91	96	95	2010	45	53	51	1785	3	7	6	1560	1	1	1
2232	90	95	94	2007	45	53	51	1782	3	7	6	1557	1	1	1
2229	90	95	94	2004	44	52	50	1779	3	6	5	1554	1	1	1
2226	90	95	94	2001	44	51	49	1776	3	6	5	1551	1	1	1
2223	90	94	93	1998	43	50	48	1773	3	6	5	1548	1	1	1
2220	89	94	93	1995	43	49	48	1770	3	5	5	1545	1	1	1
2217	89	93	92	1992	43	48	47	1767	3	5	5	1542	1	1	1
2214	89	93	92	1989	42	47	46	1764	3	5	5	1539	1	1	1
2211	88	92	91	1986	41	47	46	1761	3	5	4	1536	1	1	1
2208	88	91	91	1983	41	46	45	1758	2	4	4	1533	1	1	1
2205	88	91	91	1980	39	45	44	1755	2	4	4	1530	1	1	1
2202	88	91	90	1977	38	45	43	1752	2	4	4	1527	1	1	1
2199	87	90	90	1974	37	44	43	1749	2	4	4	1524	1	1	1
2196	85	90	89	1971	36	44	42	1746	2	4	3	1521	1	1	1
2193	84	89	88	1968	35	43	41	1743	2	3	3	1518	1	1	1
2190	84	89	88	1965	35	41	40	1740	2	3	3	1515	1	1	1
2187	84	89	88	1962	34	41	39	1737	2	3	3	1512	1	1	1
2184	84	88	87	1959	34	40	39	1734	2	3	3	1509	1	1	1
2181	83	88	87	1956	32	40	38	1731	2	3	3	1506	1	1	1
2178	82	88	87	1953	31	39	37	1728	2	3	3	1503	1	1	1
												1500	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, 2015 through July 31, 2018. 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 2015-July 2018

**MEANS AND STANDARD DEVIATIONS ON THE SECONDARY SCHOOL ADMISSION TEST**  
 Based on United States and Canadian Standard Male First-Time Test Takers August 2015-July 2018

<b>Verbal</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	05	06	07	08	09	10	11
Total Test Takers	6090	5144	5102	30212	6379	2478	693
Mean Scaled Score	603	624	639	664	667	663	651
Standard Deviation	46	49	48	65	71	68	61

<b>Quantitative</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	05	06	07	08	09	10	11
Total Test Takers	6090	5144	5102	30212	6379	2478	693
Mean Scaled Score	607	630	646	687	705	707	703
Standard Deviation	45	45	42	65	66	63	60

<b>Reading</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	05	06	07	08	09	10	11
Total Test Takers	6090	5144	5102	30212	6379	2478	693
Mean Scaled Score	600	617	632	651	656	656	646
Standard Deviation	46	48	47	54	56	54	51

<b>Total</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	05	06	07	08	09	10	11
Total Test Takers	6090	5144	5102	30212	6379	2478	693
Mean Scaled Score	1810	1871	1917	2002	2028	2026	2000
Standard Deviation	121	125	121	161	165	157	146



## Table 2 Girls Tested August 2015-July 2018

**MEANS AND STANDARD DEVIATIONS ON THE SECONDARY SCHOOL ADMISSION TEST**  
Based on United States and Canadian Standard Female First-Time Test Takers August 2015-July 2018

<b>Verbal</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	05	06	07	08	09	10	11
Total Test Takers	5690	4396	4542	31410	5352	1983	185
Mean Scaled Score	601	624	641	667	675	672	667
Standard Deviation	46	47	47	61	67	68	69

<b>Quantitative</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	05	06	07	08	09	10	11
Total Test Takers	5690	4396	4542	31410	5352	1983	185
Mean Scaled Score	592	619	639	673	698	707	706
Standard Deviation	43	44	42	60	64	63	63

<b>Reading</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	05	06	07	08	09	10	11
Total Test Takers	5690	4396	4542	31410	5352	1983	185
Mean Scaled Score	603	623	638	658	666	667	660
Standard Deviation	45	47	45	51	53	53	52

<b>Total</b>	<b>Middle</b>			<b>Upper</b>			
<b>Grade</b>	05	06	07	08	09	10	11
Total Test Takers	5690	4396	4542	31410	5352	1983	185
Mean Scaled Score	1796	1866	1918	1998	2039	2046	2033
Standard Deviation	118	122	117	151	154	147	142



## Table 3 All Students Tested August 2015-July 2018

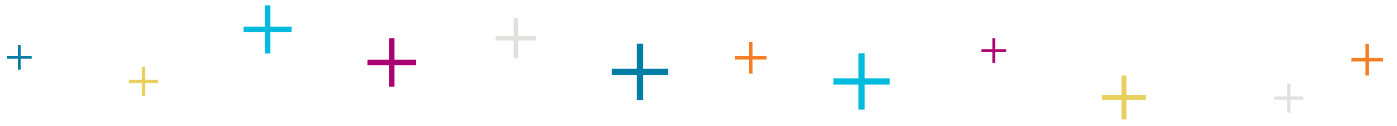
**MEANS AND STANDARD DEVIATIONS ON THE SECONDARY SCHOOL ADMISSION TEST**  
Based on United States and Canadian Standard First-Time Test Takers August 2015-July 2018

Verbal	Middle			Upper			
	Grade	05	06	07	08	09	10
Total Test Takers	11780	9540	9644	61622	11731	4462	878
Mean Scaled Score	602	624	639	665	671	667	655
Standard Deviation	46	48	47	63	69	68	63

Quantitative	Middle			Upper			
	Grade	05	06	07	08	09	10
Total Test Takers	11780	9540	9644	61622	11731	4462	878
Mean Scaled Score	600	625	643	680	702	707	703
Standard Deviation	45	45	42	63	65	63	61

Reading	Middle			Upper			
	Grade	05	06	07	08	09	10
Total Test Takers	11780	9540	9644	61622	11731	4462	878
Mean Scaled Score	601	620	635	655	660	661	649
Standard Deviation	46	48	46	52	55	54	52

Total	Middle			Upper			
	Grade	05	06	07	08	09	10
Total Test Takers	11780	9540	9644	61622	11731	4462	878
Mean Scaled Score	1803	1869	1917	2000	2033	2035	2007
Standard Deviation	119	124	119	156	160	153	146



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