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Student-Level Growth Estimates for the SAT Suite of Assessments

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Executive Summary

As stated in the digital SAT Suite of Assessments Technical Manual, “College Board is a mission-driven not-for-profit organization that connects students to college and career success and opportunity… The digital SAT Suite is a series of testing programs and related services designed to measure students’ attainment of what the best available evidence has identified as essential college and career readiness outcomes in English language arts/literacy and math” (College Board, 2024).

The design of the SAT Suite of Assessments is intended to support evaluations of student growth, as described on College Board websites, “The SAT Suite uses a common score scale, providing consistent feedback across assessments to help educators and students monitor growth across grades and to identify areas in need of improvement” (https://collegereadiness.collegeboard.org/about/scores/structure).

Basing the SAT Suite of Assessments on a common score scale also “… allows for appropriate inferences regarding a student’s academic growth and their progress toward college and career readiness from year to year prior to them taking the digital SAT. One is then able to make statements about a student’s level of preparedness for college and careers based on digital SAT performance” (College Board, 2024).

The College Board Psychometrics team has evaluated what the most appropriate methodology is to report student-level growth across the SAT Suite of Assessments. The purpose of this report is to describe the methodology used to estimate individual growth and to provide the results of the growth estimates for particular SAT Suite of Assessments growth reporting groups. This methodology will also be used for the growth measures in the school-level growth report (Zhao, Zhang, & Proctor, 2026).

Method

Data

Growth is reported on the Reading and Writing (RW) and Math (M) section scores for each assessment in the SAT Suite of Assessments. Growth measures are estimated based on groups of students who took two tests, a *prior* and a *current* test within the SAT Suite of Assessments (e.g., students taking both PSAT/NMSQT and SAT) at particular times (e.g., Fall, Spring), in particular grades (i.e., 8th to 12th grade). Table 1 shows the growth reporting groups for the SAT Suite of Assessments considered in this study. Fifteen growth reporting groups are examined based on specific grade levels and the timing of the prior and current tests across which growth is measured. We selected specific test comparisons for each time span based on the combinations with the most available data, as well as the priorities and interests expressed by our partners. Groups 1 to 4 are from the students who took two tests from the SAT Suite of Assessments in the fall of 2023 and fall of 2024 (*Fall-to-Fall group*). Groups 5 to 7 are from the students who took two tests from the SAT Suite of Assessments in the spring of 2024 and spring of 2025 (*Spring-to-Spring group*). Groups 8 to 10 are from the students who took the SAT Suite of Assessments in the fall of 2023 and the spring of 2024 (*Fall-to-Spring group*). Groups 11 to 15 are from the students who took the SAT Suite of Assessments in the spring of 2024 and the fall of 2024 (*Spring-to-Fall group*). It should be noted that the 15 groups examined in this report are necessarily subject to school and/or student self-selection factors and perhaps motivational issues that are outside of the College Board's control and that might change over time.

To minimize the influence of outliers, only students with reportable scores were eligible for inclusion in the growth analyses. For each section, Reading and Writing or Math, students were required to respond to at least one item on both the prior and current assessments. Each section was evaluated separately. For students with multiple SAT scores within the fall testing period (August through December, including the Fall In-School window in October) and/or the spring testing period (January through June, including the Spring In-School windows of March through April), only their most recent score for each testing period was used in the analysis. Table 2 shows the overall summary statistics for the 15 groups. Overall growth is computed as the average score change from prior to current assessments.

Growth measures: Conditional means and standard deviations

The growth reporting methodology for the SAT Suite of Assessments estimates a student's expected current score (e.g., SAT) based on their prior score (e.g., PSAT/NMSQT) and then provides a range of "typical" growth by adding and subtracting

the conditional standard deviation around that expected score. This growth estimation methodology compares to other growth measures as follows:

- Score ranges for typical growth are simpler than student growth percentiles (Betebenner, 2008, 2009), which are based on conditional quantiles that reflect non-symmetry in the conditional score distributions of the current test.
- The ranges of Lower-Upper growth obtained as +/- 1 conditional standard deviation from the conditional mean can be roughly interpreted as the range of growth exhibited by the middle 68% of students with a given prior score[1].

To address irregularities in the score distributions due to sampling errors and to produce score ranges for growth even when a prior test score is not observed in the data, two types of smoothing techniques were applied to the current and prior score distributions. These smoothing methods, loglinear smoothing and B-spline smoothing with quantile regression, were considered because they allowed for smoothed conditional means and standard deviations to be obtained from a single smoothing result and are consistent with the College Board 2018 growth report (Kim, Moses, & Zhang, 2018). The conditional means and conditional standard deviations of the current test score were estimated at each prior score using the outputs from each smoothing method.

Loglinear smoothing

The first smoothing method used loglinear models to smooth the bivariate frequency distribution of tests *X* and *Y* (Holland & Thayer, 2000), where *Y* is defined as the current test score and *X* is defined as the prior test score. This method was used to describe growth on the SAT and PSAT/NMSQT prior to the implementation of the SAT Suite of Assessments (Proctor & Kim, 2010). For loglinear smoothing, five polynomial loglinear models that fit the following moments of the bivariate *XY* distribution were examined in this analysis:

- 6 moments in the univariate *X* and *Y* distributions and 1 cross-product moment (*XY*) in the bivariate *XY* distribution (LL661)
- 6 moments in the univariate *X* and *Y* distributions and 2 cross-product moments (*XY* and *XY2*) in the bivariate *XY* distribution (LL662_X1Y2)

[1] This interpretation is based on the assumption that the conditional distribution of the current scores at a given prior score is normal. Thus, the percentage is not precise if the conditional scores do not follow a normal distribution. Evaluations of this assumption are provided in the Results section.

- 6 moments in the univariate *X* and *Y* distributions and 2 cross-product moments (*X* and *X2Y*) in the bivariate *XY* distribution (LL662_X2Y1)

- 6 moments in the univariate *X* and *Y* distributions and 3 cross-product moments (*XY*, *XY2* and *X2Y*) in the bivariate *XY* distribution (LL663)

- 6 moments in the univariate *X* and *Y* distributions and 4 cross-product moments (*XY*, *XY2*, *X2Y*, *X2Y2*) in the bivariate *XY* distribution (LL664).

The five models considered differed in the number of cross-product moments, which allow for fitting simpler and more complex conditional distributions and growth patterns.

B-spline smoothing in quantile regression

The second smoothing method was our modification of the B-spline smoothing and the quantile regression methods used to estimate conditional quantiles in student growth percentiles (Betebenner, 2008, 2009). For this method, the prior test scores were converted into B-spline basis functions that are piecewise polynomial functions with three degrees that divide the scores into four equally spaced intervals or knots (SAS Institute, 2025). These B-spline basis functions allow for fitting curvilinearity and other complexities in the growth estimates. Then several equally spaced conditional quantiles of the current test scores were estimated in regressions of the B-spline basis functions of the prior test scores. Finally, because the equally spaced smoothed conditional quantiles imply that these estimates reflect a conditional uniform distribution, the smoothed conditional means and standard deviations were obtained as unweighted averages and standard deviations of the conditional quantile scores. Initial analyses considered 99 (q=0.01, 0.02, …., 0.99) and 999 (q=0.001, 0.002, …., 0.999) equally spaced quantiles, and B-spline basis functions with greater and less than three degrees and four knots. The findings of these analyses indicated that 999 conditional quantiles, and B-spline basis functions with three degrees and four knots were needed to accurately model the conditional means and standard deviations.

Results

Evaluations for Selecting the Smoothing Model

The following criteria were considered to select the smoothing model:

- Data fit: The smoothing model that best fits the conditional means and standard deviations of the current test was preferred.

- Parsimony: All things being equal, a simpler model was preferred to avoid overfitting the conditional means and standard deviations of the current test scores (i.e., loglinear smoothing models with fewer parameters and quantile regressions with fewer quantiles, degrees, and knots). In particular, the smoothing method that captures the overall pattern of the conditional means and standard deviations of the current test with as few parameters as possible was preferred.

Similar to the 2018 report results, the conditional means of the current test scores increased curvilinearly as prior scores increased. On the other hand, the conditional standard deviations of the current test scores frequently decreased curvilinearly as prior scores increased. Generally, there were larger variabilities at the lower end of the score distributions. This implies that the projected score range of the current test narrows for students with higher scores on the prior test.

Overall, the conditional means and standard deviations based on the B-spline smoothing model were very close to the ones based on the unsmoothed score distributions. The loglinear model with higher polynomial degrees – LL664, LL663 and LL662_X1Y2 – also fitted the data fairly well. However, given the criteria – model fit and parsimony – the B-spline smoothing model was selected as the preferred smoothing method, consistent with the 2018 report.

Growth Estimates and Additional Evaluations with the Selected B-Spline Smoothing Model

Once the current and prior test score distributions were smoothed using B-spline smoothing, the conditional mean of the current scores plus or minus the conditional standard deviation at a prior score were computed, rounded to reporting score units of 10, and truncated to the minimum and maximum possible score ranges (200 or 800 for SAT, 160 or 760 for PSAT/NMSQT and PSAT 10, and 120 or 720 for PSAT 8/9). Tables 3 to 17 show the results of the conditional means (rounded to units of 10) and the conditional standard deviations (SD, rounded to integers), as well as the projected score ranges of the RW and M section scores for the 15 groups (rounded to units of 10). Each table shows all possible prior scores, the empirically observed number of students, the conditional mean and standard deviation, the conditional mean minus one standard deviation (Lower Bound), and the conditional mean plus one standard deviation (Upper Bound) at each prior RW and M score.

Because the growth measures tend to be associated with assumptions and interpretations of normality, additional analyses were conducted to evaluate these.

Similar to the conditional standard deviation, the conditional skewness of the current test scores decreased curvilinearly as prior scores increased. Conditional skewness was close to zero across most prior test scores (exceptions are at the higher and lower ends). The skewness results suggest that the B-spline smoothing model fit the data well, as both unsmoothed skewness and smoothed skewness were very close to each other.

The second evaluation of normality assumptions with the growth estimates focused on the interpretations of the actual growth ranges. Since the Lower-Upper ranges of growth were obtained from +/- 1 conditional standard deviation from the conditional mean, it can be said that approximately 68% of students with a given prior score had growth within the Lower-Upper ranges if the current scores at a given prior score are normally distributed. In order to check whether the Lower-Upper ranges indeed contain the middle 68% of students with a given prior score, the 16th and 84th percentiles for the current score distribution given a prior score, which include approximately 68% of the distribution, were examined. The results indicate that most of the Lower-Upper growth ranges roughly reflect the middle 68% of students with a given prior score.

Discussion

The approach to growth reporting for the SAT Suite of Assessments is based on a range of expected growth on the RW or M section scores from a current test (e.g., the SAT) conditioned on the RW or M section scores from a prior test of the SAT Suite of Assessments (e.g., the PSAT/NMSQT). The expected growth ranges are obtained as conditional and smoothed means +/- 1 conditional standard deviation. Fifteen such groups were considered in this report based on the Fall-to-Fall, Spring-to-Spring, Fall-to-Spring, and Spring-to-Fall time periods. Across these groups, the growth ranges appeared to be largest for students obtaining the lowest scores on the prior test and were narrower for students obtaining higher scores on the prior test.

In terms of the growth groups:

- Most of the groups considered exhibited average, overall growth of approximately 15-30 points on the RW and M section scores (Table 2). The groups exhibiting larger growth were from PSAT/NMSQT or PSAT 10 to SAT (Spring-to-Fall, Fall-to-Fall, and Spring-to-Spring). In contrast, groups exhibiting smaller growth were from PSAT 8/9 9th to PSAT/NMSQT 10th, and from PSAT 8/9 8th to PSAT 8/9 9th, for both RW and M in Spring-to-Fall group.

- For all groups, the ranges of expected growth were largest for the lowest scores on the prior test (greater than 100 section score points) mainly because there

were larger variabilities at the lowest scores. These ranges narrowed considerably as the prior test scores progressed towards the higher end of the scale scores.

Appropriate Uses of Growth Estimates

The growth estimates presented in this report are designed to support descriptive and predictive interpretations of student performance within the SAT Suite of Assessments. They are most appropriately used to characterize typical patterns of score change among students with similar prior performance.

Appropriate uses include:

- **Prediction:** Estimating the range of scores that students with a given prior score are likely to obtain on a future assessment.

- **Contextualizing observed growth:** Determining whether an individual student's score change falls within, above, or below the typical range observed for students with similar prior achievement.

- **Identifying potential areas for learning and review:** Supporting educators and students in understanding how performance tends to evolve across grade levels and assessments within the SAT Suite of Assessments. When growth data are combined with other information sources, such as Skills Insight, areas for targeting growth may be identified by comparing skill descriptions from student's current score to projected score range.

These uses align with the design of the SAT Suite's vertically scaled scores, which enable monitoring of student progress over time.

Important Limitations

The growth estimates are statistical summaries of observed score changes from students who tested between fall 2023 and spring 2025, not causal measures of learning or instructional impact. Key limitations include:

- The estimates reflect average patterns across groups of students and do not account for individual differences in instruction, student engagement, or opportunity to learn.

- The estimates include self-selected test takers as well as students testing as part of state- or district-wide required testing, with participation varying across administrations and over time. As a result, growth patterns for pathways with substantial self-selection may not be directly comparable to those for pathways with universal or required testing.

- Growth estimates for individual students are inherently subject to measurement error; observed score changes reflect a combination of true achievement change and normal score variability. Accordingly, growth is reported as a range of likely outcomes rather than a point estimate. Even so, individual results may fall outside this range due to natural student-to-student variability in academic trajectories.

- The estimates are organized by test-taking pathways (i.e., combinations of prior and current assessments across grade levels and administrations). Not all possible pathways are represented, and applying these estimates to students outside the defined groups may result in inaccurate or unsupported inferences.

- The estimates assume relative stability in score relationships over time. Shifts in test-taking populations, policies, or preparation patterns may affect how well these estimates generalize to future cohorts. Therefore, periodic evaluations are conducted to assess their stability and update as needed.

Inappropriate Uses and Misinterpretations

The growth estimates should not be used for high-stakes or evaluative purposes beyond their intended descriptive or predictive roles. In particular, these estimates should not be used for:

- **Causal claims of educational effectiveness:** The estimates do not isolate the effects of schools, teachers, or programs.

- **Accountability or high-stakes decision making:** This includes use in educator or school evaluation systems; funding or resource allocation decisions tied to performance; or formal accountability ratings or rankings.

- **Comparing individual students or groups without appropriate context:** Differences in observed growth may reflect factors unrelated to instruction, including selection effect and measurement variability.

- **Precise forecasts of individual student outcomes**: The reported ranges reflect typical variability and should not be interpreted as deterministic predictions.

- **Instructional diagnosis or targeting at a fine-grained level:** The estimates do not directly provide information about specific skills or instructional needs and should not be used as the sole basis for instructional decision-making.

Use of Student-Level Estimates for School-Level Inference

Student-level growth estimates (Tables 3-17) are not appropriate for evaluating school-level performance. Applying student-level variability to aggregated school outcomes can lead to misleading conclusions, including overstating whether a school's performance falls within a typical range. School-level interpretations should instead rely on separately estimated school-level growth metrics, which account for differences in variability at the aggregate level and may be found in the School-Level Growth Estimates for the SAT Suite of Assessments report.

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Appendices

Table 1: The SAT Suite of Assessments Growth Measure Reporting Groups

Growth Period	Group No.	Time 1: Prior Test Assessment/Grade level	Time 2: Current Test Assessment/Grade level
2023 Fall to 2024 Fall	1	PSAT 8/9 8th	PSAT 8/9 9th
	2	PSAT 8/9 9th	PSAT/NMSQT 10th
	3	PSAT/NMSQT 10th	PSAT/NMSQT 11th
	4	PSAT/NMSQT 11th	SAT 12th
2024 Spring to 2025 Spring	5	PSAT 8/9 8th	PSAT 8/9 9th
	6	PSAT 8/9 9th	PSAT 10 10th
	7	PSAT 10 10th	SAT 11th
2023 Fall to 2024 Spring	8	PSAT 8/9 8th	PSAT 8/9 8th
	9	PSAT/NMSQT 10th	PSAT 10 10th
	10	PSAT/NMSQT 11th	SAT 11th
2024 Spring to 2024 Fall	11	PSAT 8/9 8th	PSAT 8/9 9th
	12	PSAT 8/9 9th	PSAT/NMSQT 10th
	13	PSAT 10 10th	PSAT/NMSQT 11th
	14	PSAT 10 10th	SAT 11th
	15	SAT 11th	SAT 12th

Table 2: Student-Level Means, Standard Deviations, Intercorrelations and Growth for Reading and Writing and Math Section Scores

	Reading and Writing (RW)				Math (M)			
2023 Fall to 2024 Fall								
	PSAT 8/9	PSAT 8/9	Cor.	Growth	PSAT 8/9	PSAT 8/9	Cor.	Growth
Group 1: N (RW/M): 31,104/30,894	8th	9th			8th	9th		
Mean	430.66	460.34	0.82	29.69	411.64	437.71	0.85	26.07
SD	99.84	106.56		62.38	82.45	94.50		50.45
	PSAT 8/9	PSAT/NMSQT	Cor.	Growth	PSAT 8/9	PSAT/NMSQT	Cor.	Growth
Group 2: N (RW/M): 301,179/299,682	9th	10th			9th	10th		
Mean	434.50	458.62	0.83	24.12	421.92	439.26	0.86	17.34
SD	107.29	106.89		62.56	92.09	101.28		52.34
	PSAT/NMSQT	PSAT/NMSQT	Cor.	Growth	PSAT/NMSQT	PSAT/NMSQT	Cor.	Growth
Group 3: N (RW/M): 762,462/759,646	10th	11th			10th	11th		
Mean	486.36	512.67	0.87	26.31	467.56	494.48	0.90	26.92
SD	110.37	116.31		57.69	101.25	117.62		51.87
	PSAT/NMSQT	SAT	Cor.	Growth	PSAT/NMSQT	SAT	Cor.	Growth
Group 4: N (RW/M): 381,916/380,972	11th	12th			11th	12th		
Mean	533.29	568.18	0.88	34.89	516.33	549.68	0.89	33.35
SD	107.58	111.50		54.67	107.82	119.13		54.22
2024 Spring to 2025 Spring								
	PSAT 8/9	PSAT 8/9	Cor.	Growth	PSAT 8/9	PSAT 8/9	Cor.	Growth
Group 5: N (RW/M): 88,742/88,734	8th	9th			8th	9th		
Mean	429.32	448.49	0.84	19.17	410.87	424.90	0.85	14.03
SD	94.48	101.69		56.34	84.73	93.95		50.03
	PSAT 8/9	PSAT 10	Cor.	Growth	PSAT 8/9	PSAT 10	Cor.	Growth
Group 6: N (RW/M): 169,273/169,077	9th	10th			9th	10th		
Mean	447.97	463.40	0.85	15.43	429.42	444.68	0.87	15.26
SD	103.71	105.72		56.83	92.78	100.16		50.49
	PSAT 10	SAT	Cor.	Growth	PSAT 10	SAT	Cor.	Growth
Group 7: N (RW/M): 263,275/263,071	10th	11th			10th	11th		
Mean	475.79	510.36	0.87	34.57	453.73	489.77	0.89	36.04
SD	110.23	112.10		56.54	106.77	118.34		53.52

2023 Fall to 2024 Spring								
Group 8: N (RW/M): 14,554/14,436	PSAT8/9 8th	PSAT8/9 8th	Cor.	Growth	PSAT8/9 8th	PSAT8/9 8th	Cor.	Growth
Mean	381.65	404.40	0.79	22.75	371.02	389.61	0.78	18.59
SD	96.58	100.71		63.65	79.28	90.77		56.83
Group 9: N (RW/M): 76,524/76,160	PSAT/NMSQT 10th	PSAT 10 10th	Cor.	Growth	PSAT/NMSQT 10th	PSAT 10 10th	Cor.	Growth
Mean	442.64	454.78	0.86	12.14	426.16	433.76	0.89	7.60
SD	108.88	116.67		60.54	98.07	108.71		49.24
Group 10: N (RW/M): 815,630/813,078	PSAT/NMSQT 11th	SAT 11th	Cor.	Growth	PSAT/NMSQT 11th	SAT 11th	Cor.	Growth
Mean	505.77	527.19	0.89	21.42	488.11	509.78	0.91	21.67
SD	114.88	118.40		54.22	111.10	116.62		48.11
2024 Spring to 2024 Fall								
Group 11: N (RW/M): 5,963/5,947	PSAT 8/9 8th	PSAT 8/9 9th	Cor.	Growth	PSAT 8/9 8th	PSAT 8/9 9th	Cor.	Growth
Mean	430.96	438.56	0.86	7.59	412.45	415.90	0.86	3.45
SD	102.92	110.16		57.68	90.92	96.32		50.65
Group 12: N (RW/M): 60,458/60,288	PSAT 8/9 9th	PSAT/NMSQT 10th	Cor.	Growth	PSAT 8/9 9th	PSAT/NMSQT 10th	Cor.	Growth
Mean	453.54	461.06	0.87	7.52	435.94	439.04	0.89	3.11
SD	112.18	110.75		57.15	99.32	103.55		48.38
Group 13: N (RW/M):173,770/173,446	PSAT 10 10th	PSAT/NMSQT 11th	Cor.	Growth	PSAT 10 10th	PSAT/NMSQT 11th	Cor.	Growth
Mean	499.22	509.65	0.89	10.44	476.72	494.58	0.92	17.87
SD	113.17	115.65		54.31	111.18	117.46		46.82
Group 14: N (RW/M): 18,672/18,655	PSAT 10 10th	SAT 11th	Cor.	Growth	PSAT 10 10th	SAT 11th	Cor.	Growth
Mean	588.41	627.96	0.85	39.55	593.24	633.98	0.88	40.75
SD	97.83	98.15		53.01	106.14	108.40		52.99
Group 15: N (RW/M): 411,149/410,611	SAT 11th	SAT 12th	Cor.	Growth	SAT 11th	SAT 12th	Cor.	Growth
Mean	559.66	573.26	0.90	13.60	547.96	560.08	0.91	12.12
SD	107.76	109.43		49.76	113.17	120.23		50.44

Table 3: PSAT 8/9 8th Fall -to- PSAT 8/9 9th Fall Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 8/9 8th	N	PSAT 8/9 9th Mean	PSAT 8/9 9th SD	PSAT 8/9 9th Lower-Upper	N	PSAT 8/9 9th Mean	PSAT 8/9 9th SD	PSAT 8/9 9th Lower-Upper
120	518	220	97	130 – 320	470	210	116	120 – 330
130	23	230	97	140 – 330	5	220	116	120 – 340
140	8	240	97	150 – 340	3	230	116	120 – 350
150	5	250	97	160 – 350	4	240	116	130 – 360
160	12	260	97	170 – 360	2	250	116	140 – 370
170	8	270	97	180 – 370	2	260	116	150 – 380
180	13	280	97	190 – 380	4	260	116	150 – 380
190	15	290	97	200 – 390	10	260	115	150 – 380
200	24	290	94	200 – 390	11	260	113	150 – 370
210	34	290	92	200 – 380	12	260	110	150 – 370
220	56	290	90	200 – 380	22	260	106	160 – 370
230	77	290	87	200 – 380	13	270	102	160 – 370
240	98	290	85	210 – 380	26	270	97	170 – 370
250	153	300	82	210 – 380	45	270	91	180 – 360
260	198	300	80	220 – 380	46	280	86	190 – 360
270	254	300	77	230 – 380	96	280	81	200 – 360
280	266	310	75	240 – 390	168	290	76	210 – 370
290	324	320	72	250 – 390	217	300	70	230 – 370
300	352	330	69	260 – 390	290	310	66	240 – 370
310	433	330	66	270 – 400	422	320	61	250 – 380
320	474	340	63	280 – 410	583	330	56	270 – 380
330	609	350	61	290 – 410	742	340	51	290 – 390
340	766	360	58	310 – 420	965	350	47	300 – 400
350	949	370	56	320 – 430	1,268	360	43	320 – 400
360	1,074	380	55	330 – 440	1,698	370	40	330 – 410
370	1,189	390	53	340 – 450	1,919	390	38	350 – 420
380	1,539	410	52	350 – 460	2,239	400	36	360 – 440
390	1,572	420	51	360 – 470	2,488	410	36	380 – 450
400	1,530	430	50	380 – 480	2,430	430	37	390 – 460
410	1,575	440	50	390 – 490	2,049	440	38	400 – 480
420	1,448	450	50	400 – 500	1,844	450	39	410 – 490
430	1,468	460	50	410 – 510	1,534	460	42	420 – 500
440	1,237	470	50	420 – 520	1,314	470	44	430 – 520
450	1,183	480	50	430 – 530	1,053	490	46	440 – 530
460	1,156	490	51	440 – 540	872	500	48	450 – 540
470	1,112	500	51	450 – 550	705	510	50	460 – 560
480	1,114	510	52	460 – 560	650	520	51	470 – 570
490	1,026	520	53	470 – 570	594	530	51	480 – 580
500	840	530	53	480 – 580	515	540	51	490 – 590
510	887	540	54	490 – 590	468	550	51	500 – 600
520	665	550	55	500 – 610	430	560	51	510 – 610
530	618	560	56	510 – 620	388	570	50	520 – 620
540	564	570	56	520 – 630	321	580	49	530 – 620
550	487	580	57	520 – 640	293	580	49	540 – 630
560	411	590	57	530 – 650	231	590	48	540 – 640
570	347	600	57	540 – 660	212	600	47	550 – 650
580	300	610	57	550 – 670	157	610	47	560 – 660
590	279	620	57	560 – 670	150	620	47	570 – 660
600	265	630	56	570 – 680	140	620	47	580 – 670
610	277	630	56	580 – 690	126	630	47	590 – 680
620	227	640	55	590 – 690	92	640	47	590 – 690
630	174	650	53	590 – 700	82	650	47	600 – 690
640	153	650	52	600 – 710	87	650	47	610 – 700
650	133	660	50	610 – 710	57	660	46	610 – 710
660	100	670	48	620 – 720	52	670	45	620 – 710
670	72	670	46	630 – 720	49	670	44	630 – 720
680	75	680	43	640 – 720	45	680	42	640 – 720
690	61	680	40	640 – 720	35	690	39	650 – 720
700	74	690	36	650 – 720	15	690	36	660 – 720
710	37	700	32	660 – 720	34	700	32	670 – 720
720	166	700	28	670 – 720	100	700	28	680 – 720

Table 4: PSAT 8/9 9th Fall -to- PSAT/NMSQT 10th Fall Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 8/9 9th	N	PSAT/NMSQT 10th Mean	PSAT/NMSQT 10th SD	PSAT/NMSQT 10th Lower-Upper	N	PSAT/NMSQT 10th Mean	PSAT/NMSQT 10th SD	PSAT/NMSQT 10th Lower-Upper
120	5,638	270	89	190 – 360	4,721	190	80	160 – 270
130	211	280	89	200 – 370	79	200	80	160 – 280
140	79	290	89	210 – 380	25	210	80	160 – 290
150	66	300	89	220 – 390	27	220	80	160 – 300
160	93	300	88	220 – 390	26	230	80	160 – 310
170	154	300	88	210 – 390	28	240	80	160 – 320
180	207	300	87	210 – 390	33	250	80	170 – 330
190	250	300	86	210 – 390	74	260	80	180 – 340
200	359	300	85	220 – 390	94	270	80	190 – 350
210	485	300	84	220 – 380	130	270	80	190 – 350
220	639	300	83	220 – 380	154	270	80	190 – 350
230	762	300	82	220 – 380	182	270	79	190 – 350
240	1,136	300	81	220 – 380	288	270	79	190 – 350
250	1,590	310	79	230 – 390	392	270	78	190 – 350
260	2,089	310	78	230 – 390	589	270	77	200 – 350
270	2,537	310	76	240 – 390	988	280	76	200 – 350
280	3,020	320	74	250 – 390	1,533	280	73	210 – 360
290	3,474	330	72	250 – 400	2,244	290	70	220 – 360
300	4,004	330	70	260 – 400	3,117	300	67	230 – 360
310	4,351	340	67	270 – 410	4,259	310	63	240 – 370
320	4,913	350	65	280 – 410	5,628	320	59	260 – 380
330	6,020	360	63	290 – 420	7,167	330	54	270 – 380
340	7,326	360	61	300 – 430	9,492	340	51	290 – 390
350	9,042	370	60	310 – 430	12,049	350	47	310 – 400
360	10,214	380	58	330 – 440	14,464	370	45	320 – 410
370	10,388	390	57	340 – 450	17,166	380	43	340 – 420
380	13,640	400	56	350 – 460	19,183	390	41	350 – 430
390	13,612	410	54	360 – 470	21,091	400	41	360 – 450
400	13,454	420	53	370 – 470	20,158	420	41	380 – 460
410	13,977	430	53	380 – 480	17,611	430	41	390 – 470
420	13,165	440	52	390 – 490	15,629	440	42	400 – 480
430	12,654	450	51	400 – 500	13,914	450	43	410 – 500
440	11,555	460	51	410 – 510	11,612	460	45	420 – 510
450	10,629	470	51	420 – 520	9,399	480	46	430 – 520
460	10,261	480	51	430 – 530	8,207	490	47	440 – 530
470	10,299	490	51	440 – 540	7,488	500	47	450 – 540
480	10,286	500	51	450 – 550	7,176	510	48	460 – 550
490	9,838	510	51	460 – 560	6,883	520	48	470 – 560
500	8,909	520	51	470 – 570	6,202	530	47	480 – 570
510	8,119	530	51	480 – 580	5,715	530	47	490 – 580
520	6,960	540	51	490 – 590	5,279	540	46	500 – 590
530	6,426	550	51	500 – 600	4,844	550	46	510 – 600
540	5,574	560	51	510 – 610	4,381	560	45	510 – 610
550	5,112	570	51	520 – 620	4,014	570	45	520 – 610
560	4,460	580	51	530 – 630	3,531	580	45	530 – 620
570	3,856	590	51	530 – 640	3,098	590	45	540 – 630
580	3,484	590	51	540 – 640	2,807	590	45	550 – 640
590	3,330	600	50	550 – 650	2,345	600	46	560 – 650
600	3,027	610	50	560 – 660	2,086	610	46	560 – 660
610	2,857	620	49	570 – 670	1,835	620	47	570 – 670
620	2,489	620	49	570 – 670	1,551	630	48	580 – 670
630	2,187	630	48	580 – 680	1,381	630	49	590 – 680
640	1,831	640	47	590 – 680	1,213	640	49	590 – 690
650	1,611	640	47	600 – 690	900	650	50	600 – 700
660	1,309	650	46	600 – 700	976	660	50	610 – 710
670	1,424	660	45	610 – 700	719	670	50	620 – 720
680	972	660	44	620 – 710	490	680	50	630 – 730
690	742	670	43	630 – 710	696	690	49	640 – 740
700	1,018	680	42	640 – 720	268	700	48	650 – 740
710	585	680	40	640 – 730	444	700	46	660 – 750
720	2,480	690	39	650 – 730	1,607	710	45	670 – 760

Table 5: PSAT/NMSQT 10th Fall -to- PSAT/NMSQT 11th Fall Expected Score Range

	Reading and Writing Section				Math Section			
PSAT/NMSQT 10th	N	PSAT/NMSQT 11th Mean	PSAT/NMSQT 11th SD	PSAT/NMSQT 11th Lower-Upper	N	PSAT/NMSQT 11th Mean	PSAT/NMSQT 11th SD	PSAT/NMSQT 11th Lower-Upper
160	8,289	310	95	220 – 410	5,738	290	82	210 – 370
170	1,757	320	96	220 – 410	745	290	85	210 – 380
180	351	320	96	220 – 420	153	300	88	210 – 390
190	343	320	96	220 – 420	231	300	90	210 – 390
200	397	320	96	220 – 420	285	300	91	210 – 390
210	496	320	94	230 – 410	326	300	91	210 – 390
220	569	320	93	230 – 410	456	300	91	210 – 390
230	799	320	91	230 – 410	552	300	89	210 – 390
240	944	320	89	230 – 410	873	300	87	210 – 390
250	1,281	320	87	230 – 400	1,150	300	85	210 – 380
260	1,522	320	85	230 – 400	1,593	300	82	220 – 380
270	1,958	320	83	240 – 400	2,121	300	80	220 – 380
280	2,616	320	80	240 – 400	2,785	310	76	230 – 380
290	3,283	330	78	250 – 400	3,618	310	73	240 – 380
300	3,983	330	75	260 – 410	4,742	320	69	250 – 380
310	5,120	340	73	270 – 410	5,916	320	65	260 – 390
320	6,646	350	70	280 – 420	7,542	330	61	270 – 390
330	8,772	350	67	290 – 420	9,339	340	56	280 – 390
340	11,804	360	65	300 – 430	12,118	350	53	300 – 400
350	15,312	370	63	310 – 440	15,134	360	49	310 – 410
360	17,736	380	60	320 – 440	18,798	370	46	320 – 410
370	18,256	390	59	340 – 450	22,797	380	44	340 – 420
380	23,665	400	57	350 – 460	27,531	390	42	350 – 430
390	22,120	410	56	360 – 470	32,201	400	41	360 – 440
400	21,648	430	55	370 – 480	34,480	410	41	370 – 450
410	23,833	440	54	380 – 490	33,525	430	41	380 – 470
420	25,088	450	54	390 – 500	32,897	440	42	400 – 480
430	26,745	460	53	400 – 510	31,678	450	43	410 – 490
440	26,515	470	53	410 – 520	30,934	460	44	420 – 510
450	26,533	480	53	420 – 530	31,036	470	45	430 – 520
460	26,306	490	53	430 – 540	32,408	490	47	440 – 530
470	26,655	500	53	440 – 550	32,235	500	48	450 – 550
480	26,788	510	53	450 – 560	30,082	510	49	460 – 560
490	26,111	520	53	460 – 570	26,259	520	50	470 – 570
500	25,457	530	53	470 – 580	23,036	540	51	480 – 590
510	24,790	540	53	480 – 590	22,375	550	51	500 – 600
520	23,415	550	53	490 – 600	21,563	560	51	510 – 610
530	22,851	560	53	500 – 610	20,740	570	52	520 – 620
540	21,553	570	52	510 – 620	18,783	580	52	530 – 630
550	21,075	580	52	520 – 630	17,861	590	52	540 – 640
560	20,016	590	51	530 – 640	16,173	600	51	550 – 650
570	18,110	600	51	550 – 650	14,844	610	51	560 – 660
580	17,223	610	50	560 – 660	13,613	620	51	570 – 680
590	16,759	620	49	570 – 660	12,362	630	50	580 – 680
600	16,407	620	49	580 – 670	11,584	640	50	590 – 690
610	16,264	630	48	590 – 680	10,041	650	50	600 – 700
620	14,874	640	47	600 – 690	8,952	660	49	610 – 710
630	13,386	650	46	610 – 700	8,013	670	49	620 – 720
640	11,798	660	44	620 – 710	7,172	680	48	630 – 730
650	10,751	670	43	630 – 710	6,203	690	47	640 – 740
660	10,590	680	42	640 – 720	5,262	700	46	650 – 740
670	9,513	690	40	650 – 730	4,499	700	45	660 – 750
680	8,411	690	39	650 – 730	3,835	710	44	670 – 750
690	6,688	700	37	660 – 740	3,293	720	43	670 – 760
700	5,279	710	35	670 – 740	2,524	720	41	680 – 760
710	3,878	710	33	680 – 750	2,256	730	39	690 – 760
720	2,571	720	31	690 – 750	1,878	730	37	700 – 760
730	2,051	720	29	700 – 750	1,644	740	34	700 – 760
740	1,491	730	27	700 – 760	1,252	740	32	710 – 760
750	1,406	730	25	710 – 760	1,119	740	29	720 – 760
760	1,614	740	23	710 – 760	6,491	750	27	720 – 760

Table 6: PSAT/NMSQT 11th Fall -to- SAT 12th Fall Expected Score Range

	Reading and Writing Section				Math Section			
PSAT/NMSQT 11th	N	SAT 12th Mean	SAT 12th SD	SAT 12th Lower-Upper	N	SAT 12th Mean	SAT 12th SD	SAT 12th Lower-Upper
160	2,149	290	90	200 – 380	1,442	240	94	200 – 340
170	465	300	90	210 – 390	158	250	94	200 – 350
180	89	310	90	220 – 400	38	260	94	200 – 360
190	93	320	90	230 – 410	51	270	94	200 – 370
200	100	330	90	240 – 420	71	280	94	200 – 380
210	119	340	90	250 – 430	90	290	94	200 – 390
220	153	340	88	260 – 430	106	300	94	210 – 400
230	192	340	85	260 – 430	140	310	94	220 – 410
240	248	340	83	260 – 420	192	320	94	230 – 420
250	323	340	80	260 – 420	289	320	91	230 – 410
260	385	340	78	260 – 420	376	320	88	230 – 410
270	477	340	75	270 – 420	523	320	86	230 – 400
280	636	340	73	270 – 410	700	320	83	240 – 400
290	784	340	71	270 – 420	931	320	79	240 – 400
300	1,006	350	69	280 – 420	1,159	320	76	250 – 400
310	1,251	350	67	290 – 420	1,432	330	73	260 – 400
320	1,617	360	66	290 – 430	1,878	330	70	260 – 400
330	2,146	370	64	300 – 430	2,319	340	66	280 – 410
340	2,768	380	63	310 – 440	2,948	350	63	290 – 410
350	3,666	380	62	320 – 450	3,787	360	59	300 – 420
360	4,551	390	61	330 – 460	4,816	370	56	320 – 430
370	4,659	400	60	340 – 460	5,876	380	54	330 – 440
380	6,335	410	60	360 – 470	7,358	400	51	340 – 450
390	6,214	430	59	370 – 480	9,040	410	50	360 – 460
400	6,271	440	58	380 – 490	10,239	420	48	370 – 470
410	7,279	450	58	390 – 500	10,705	430	48	390 – 480
420	7,974	460	57	400 – 510	11,257	450	48	400 – 490
430	9,035	470	57	410 – 520	11,460	460	48	410 – 510
440	9,343	480	56	420 – 530	12,026	470	48	420 – 520
450	9,757	490	55	430 – 540	13,028	480	49	430 – 530
460	10,448	500	55	440 – 550	14,371	490	50	450 – 540
470	11,017	510	54	450 – 560	15,309	510	50	460 – 560
480	11,625	520	54	460 – 570	14,966	520	51	470 – 570
490	12,212	530	53	480 – 580	13,777	530	52	480 – 580
500	12,331	540	53	490 – 590	12,625	540	53	490 – 590
510	12,871	550	52	500 – 600	12,668	550	53	500 – 610
520	12,824	560	52	510 – 610	12,638	560	53	510 – 620
530	12,954	570	51	520 – 620	12,478	570	53	520 – 630
540	12,948	580	51	530 – 630	12,311	580	53	530 – 640
550	13,029	590	51	540 – 640	11,933	600	53	540 – 650
560	13,064	600	50	550 – 650	11,388	610	52	550 – 660
570	12,209	610	50	560 – 660	11,023	620	52	560 – 670
580	11,989	610	49	570 – 660	10,521	620	51	570 – 680
590	12,267	620	49	580 – 670	9,851	630	51	580 – 690
600	12,414	630	48	580 – 680	9,448	640	50	590 – 690
610	12,847	640	48	590 – 690	8,979	650	50	600 – 700
620	12,113	650	47	600 – 700	8,431	660	49	610 – 710
630	11,061	660	46	610 – 710	7,996	670	48	620 – 720
640	10,222	670	45	620 – 710	7,276	680	48	630 – 720
650	9,461	680	44	630 – 720	6,430	680	47	640 – 730
660	9,623	690	43	640 – 730	5,712	690	47	640 – 740
670	8,885	690	41	650 – 740	5,013	700	46	650 – 740
680	7,995	700	40	660 – 740	4,505	700	45	660 – 750
690	6,652	710	39	670 – 750	4,031	710	45	670 – 760
700	5,265	720	37	680 – 760	3,184	720	44	670 – 760
710	3,885	720	36	690 – 760	3,153	720	43	680 – 770
720	2,674	730	34	700 – 770	2,529	730	42	690 – 770
730	2,233	740	32	710 – 770	2,238	730	42	690 – 770
740	1,560	740	31	710 – 770	1,633	740	41	700 – 780
750	1,393	750	29	720 – 780	1,456	740	40	700 – 780
760	1,760	750	27	730 – 780	8,664	750	39	710 – 790

Table 7: PSAT 8/9 8th Spring -to- PSAT 8/9 9th Spring Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 8/9 8th	N	PSAT 8/9 9th Mean	PSAT 8/9 9th SD	PSAT 8/9 9th Lower-Upper	N	PSAT 8/9 9th Mean	PSAT 8/9 9th SD	PSAT 8/9 9th Lower-Upper
120	901	290	81	210 – 370	1,350	270	82	190 – 360
130	102	290	82	210 – 370	30	280	83	190 – 360
140	32	290	83	210 – 380	4	280	83	200 – 360
150	28	290	84	210 – 380	14	280	84	200 – 360
160	46	290	85	210 – 380	15	280	85	200 – 370
170	50	290	85	210 – 380	33	280	86	190 – 370
180	50	290	85	210 – 380	40	280	86	190 – 370
190	88	290	85	210 – 380	39	280	86	190 – 360
200	92	290	85	210 – 380	48	280	86	190 – 360
210	98	290	84	210 – 380	73	280	86	190 – 360
220	135	290	84	210 – 380	75	280	86	190 – 360
230	185	290	82	210 – 380	81	280	85	190 – 360
240	273	290	81	210 – 380	132	280	85	190 – 360
250	313	300	79	220 – 380	186	280	83	190 – 360
260	407	300	77	220 – 380	268	280	82	200 – 360
270	534	300	75	230 – 380	367	280	79	200 – 360
280	659	310	72	240 – 380	488	290	76	210 – 360
290	753	320	69	250 – 380	745	290	72	220 – 370
300	941	320	65	260 – 390	1,091	300	67	230 – 370
310	1,108	330	62	270 – 390	1,449	310	62	250 – 370
320	1,491	340	59	280 – 400	1,935	320	57	260 – 380
330	1,944	350	56	290 – 400	2,594	330	51	280 – 380
340	2,371	360	54	300 – 410	3,317	340	46	300 – 390
350	3,032	360	51	310 – 420	4,130	350	42	310 – 400
360	3,441	370	50	320 – 420	4,810	370	39	330 – 410
370	3,773	380	48	340 – 430	5,508	380	36	340 – 410
380	5,181	390	47	350 – 440	5,894	390	35	350 – 420
390	5,035	400	47	360 – 450	6,249	400	35	370 – 440
400	4,661	420	47	370 – 460	5,781	410	35	380 – 450
410	4,445	430	47	380 – 470	4,806	420	36	390 – 460
420	4,233	440	47	390 – 480	4,191	430	37	400 – 470
430	4,031	450	47	400 – 490	3,794	440	39	410 – 480
440	3,542	460	48	410 – 510	3,328	460	41	410 – 500
450	3,274	470	49	420 – 520	3,161	470	43	420 – 510
460	3,040	480	50	430 – 530	2,818	480	45	430 – 520
470	2,998	490	51	440 – 540	2,491	490	47	440 – 530
480	3,021	500	51	450 – 550	2,278	500	48	450 – 550
490	2,830	510	52	460 – 560	2,005	510	48	460 – 560
500	2,475	520	53	470 – 570	1,803	520	49	470 – 570
510	2,209	530	53	480 – 580	1,609	530	49	480 – 580
520	1,961	540	54	490 – 590	1,438	540	49	490 – 590
530	1,770	550	54	500 – 600	1,315	550	49	500 – 600
540	1,531	560	54	500 – 610	1,111	560	49	510 – 610
550	1,314	570	55	510 – 620	929	570	49	520 – 620
560	1,179	580	55	520 – 630	788	580	49	530 – 630
570	957	590	55	530 – 640	733	590	49	540 – 640
580	859	600	55	540 – 650	577	600	49	550 – 650
590	826	610	55	550 – 660	544	610	49	560 – 660
600	716	610	54	560 – 670	453	620	50	570 – 670
610	672	620	54	570 – 680	403	620	50	570 – 670
620	580	630	54	580 – 690	276	630	50	580 – 680
630	442	640	53	590 – 690	271	640	50	590 – 690
640	360	650	52	600 – 700	194	650	50	600 – 700
650	348	650	51	600 – 710	169	660	49	610 – 710
660	261	660	50	610 – 710	97	660	49	620 – 710
670	246	670	48	620 – 720	103	670	47	620 – 720
680	168	670	47	630 – 720	74	680	45	630 – 720
690	147	680	44	640 – 720	26	680	43	640 – 720
700	108	680	42	640 – 720	59	690	41	650 – 720
710	116	690	39	650 – 720	31	690	38	660 – 720
720	359	690	36	660 – 720	113	700	37	660 – 720

Table 8: PSAT 8/9 9th Spring -to- PSAT 10 10th Spring Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 8/9 9th	N	PSAT 10 10th Mean	PSAT 10 10th SD	PSAT 10 10th Lower-Upper	N	PSAT 10 10th Mean	PSAT 10 10th SD	PSAT 10 10th Lower-Upper
120	1,749	300	83	210 – 380	2,381	160	79	160 – 240
130	211	300	83	220 – 380	41	170	79	160 – 250
140	74	300	83	220 – 380	10	180	79	160 – 260
150	79	300	83	220 – 390	12	190	79	160 – 270
160	70	300	83	220 – 390	19	200	79	160 – 280
170	71	300	83	220 – 380	56	210	79	160 – 290
180	115	300	82	220 – 380	55	220	79	160 – 300
190	114	300	82	220 – 380	89	230	79	160 – 310
200	195	300	81	220 – 380	105	240	79	170 – 320
210	193	300	80	220 – 380	120	250	79	180 – 330
220	270	300	79	220 – 380	121	260	79	190 – 340
230	387	300	78	220 – 380	162	270	79	200 – 350
240	436	300	77	220 – 380	185	280	79	210 – 360
250	564	300	75	230 – 380	255	280	78	210 – 360
260	730	310	74	230 – 380	390	280	77	210 – 360
270	850	310	72	240 – 380	600	290	75	210 – 360
280	1,089	310	70	240 – 380	825	290	72	220 – 360
290	1,307	320	67	250 – 390	1,257	300	69	230 – 370
300	1,552	320	65	260 – 390	1,683	300	66	240 – 370
310	1,820	330	62	270 – 390	2,274	310	62	250 – 370
320	2,273	340	60	280 – 400	2,950	320	58	260 – 380
330	2,955	350	57	290 – 400	3,924	330	54	280 – 390
340	3,654	360	55	300 – 410	5,167	340	50	290 – 390
350	4,476	370	53	310 – 420	6,300	360	46	310 – 400
360	5,317	370	52	320 – 430	7,413	370	43	320 – 410
370	5,782	380	50	330 – 430	8,448	380	41	340 – 420
380	8,144	390	49	340 – 440	9,114	390	39	350 – 430
390	8,119	400	49	350 – 450	9,752	400	38	370 – 440
400	7,603	410	48	370 – 460	9,479	410	37	380 – 450
410	7,666	420	48	380 – 470	8,300	430	37	390 – 460
420	7,130	430	48	390 – 480	7,834	440	38	400 – 470
430	7,220	440	48	400 – 490	7,394	450	39	410 – 490
440	6,517	450	48	400 – 500	6,742	460	40	420 – 500
450	6,023	460	49	410 – 510	6,338	470	41	430 – 510
460	5,897	470	49	420 – 520	6,006	480	43	430 – 520
470	5,970	480	50	430 – 530	5,639	490	44	440 – 530
480	5,860	490	50	440 – 540	5,293	500	45	450 – 540
490	5,695	500	51	450 – 550	5,039	510	46	460 – 550
500	5,194	510	51	460 – 560	4,617	520	46	470 – 560
510	4,864	520	51	470 – 570	4,258	530	47	480 – 570
520	4,381	530	51	480 – 580	3,780	540	47	490 – 580
530	4,100	540	51	490 – 590	3,382	550	47	500 – 590
540	3,577	550	52	500 – 600	2,910	560	48	510 – 600
550	3,328	560	52	510 – 610	2,607	570	48	520 – 610
560	3,171	570	51	520 – 620	2,321	580	48	530 – 620
570	2,737	580	51	530 – 630	2,024	590	48	540 – 630
580	2,448	590	51	540 – 640	1,722	590	49	550 – 640
590	2,321	600	51	550 – 650	1,563	600	50	550 – 650
600	2,066	610	51	560 – 660	1,481	610	50	560 – 660
610	2,022	610	50	560 – 660	1,208	620	51	570 – 670
620	1,735	620	50	570 – 670	956	630	52	580 – 680
630	1,581	630	49	580 – 680	864	640	52	590 – 690
640	1,311	640	49	590 – 690	634	650	53	600 – 700
650	1,041	650	48	600 – 690	615	660	53	610 – 710
660	910	650	47	610 – 700	430	670	53	610 – 720
670	759	660	46	610 – 710	381	680	53	620 – 730
680	617	670	45	620 – 710	339	680	52	630 – 740
690	540	680	44	630 – 720	170	690	51	640 – 740
700	407	680	42	640 – 730	291	700	50	650 – 750
710	447	690	41	650 – 730	169	710	49	660 – 760
720	1,539	700	39	660 – 740	583	720	48	670 – 760

Table 9: PSAT 10 10th Spring -to- SAT 11th Spring Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 10 10th	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper
160	3,213	230	69	200 – 300	3,197	250	83	200 – 340
170	971	240	69	200 – 310	584	260	83	200 – 350
180	160	250	69	200 – 320	136	270	83	200 – 360
190	158	260	69	200 – 330	156	280	83	200 – 370
200	223	270	69	200 – 340	243	290	83	210 – 380
210	269	280	69	210 – 350	248	300	83	220 – 390
220	305	290	69	220 – 360	232	310	83	230 – 400
230	414	300	69	230 – 370	296	320	83	240 – 410
240	536	310	69	240 – 380	478	320	81	240 – 400
250	636	320	69	250 – 390	527	320	78	240 – 400
260	805	330	69	260 – 400	672	320	75	250 – 400
270	938	330	67	270 – 400	920	320	72	250 – 390
280	1,161	330	65	270 – 400	1,131	320	69	250 – 390
290	1,285	340	63	270 – 400	1,490	320	66	260 – 390
300	1,569	340	61	280 – 400	1,940	330	63	260 – 390
310	1,837	350	60	290 – 410	2,466	330	60	270 – 390
320	2,264	350	58	300 – 410	3,185	340	56	280 – 390
330	3,054	360	57	310 – 420	4,267	350	53	290 – 400
340	4,112	370	56	320 – 430	5,363	360	50	310 – 410
350	5,395	380	54	330 – 430	6,852	370	48	320 – 410
360	6,405	390	54	340 – 440	8,540	380	46	330 – 420
370	6,811	400	53	350 – 450	10,434	390	44	350 – 430
380	9,366	410	52	360 – 460	12,211	400	43	360 – 450
390	8,685	420	52	370 – 470	14,301	420	43	370 – 460
400	8,564	430	52	380 – 480	14,834	430	43	390 – 470
410	9,019	440	51	390 – 490	13,354	440	43	400 – 480
420	9,180	450	51	400 – 500	12,200	450	44	410 – 500
430	9,561	460	51	410 – 510	11,292	470	45	420 – 510
440	9,399	470	51	420 – 520	9,992	480	47	430 – 530
450	9,179	480	51	430 – 530	8,872	490	48	440 – 540
460	9,298	490	51	440 – 540	8,536	500	50	450 – 550
470	9,570	500	51	450 – 550	8,669	510	51	460 – 560
480	9,836	510	51	460 – 560	7,778	530	52	470 – 580
490	9,680	520	51	470 – 570	7,102	540	53	480 – 590
500	9,201	530	51	480 – 580	6,228	550	53	490 – 600
510	8,723	540	51	490 – 590	6,048	560	54	500 – 610
520	8,183	550	51	500 – 600	6,004	570	54	510 – 620
530	7,803	560	51	510 – 610	5,596	580	53	520 – 630
540	7,091	570	51	520 – 620	5,142	590	53	530 – 640
550	6,659	580	50	530 – 630	5,043	600	53	540 – 650
560	6,344	590	50	540 – 640	4,655	600	52	550 – 660
570	5,546	600	50	550 – 650	4,347	610	52	560 – 670
580	5,110	610	49	560 – 660	4,131	620	51	570 – 670
590	4,946	620	49	570 – 670	3,850	630	51	580 – 680
600	4,757	630	48	580 – 680	3,543	640	50	590 – 690
610	4,781	640	48	590 – 690	3,285	650	50	600 – 700
620	4,151	650	47	600 – 690	3,082	660	50	610 – 710
630	3,753	660	46	610 – 700	2,695	670	50	620 – 720
640	3,276	660	45	620 – 710	2,529	680	49	630 – 730
650	2,922	670	44	630 – 720	2,077	690	49	640 – 740
660	3,031	680	43	640 – 720	2,040	700	49	650 – 750
670	2,901	690	42	650 – 730	1,770	700	48	660 – 750
680	2,559	700	41	660 – 740	1,420	710	48	660 – 760
690	2,064	710	40	670 – 750	1,310	720	47	670 – 770
700	1,640	710	38	670 – 750	1,071	730	47	680 – 770
710	1,212	720	37	680 – 760	1,019	730	46	690 – 780
720	680	730	35	690 – 760	579	740	44	690 – 780
730	753	730	33	700 – 770	323	740	43	700 – 790
740	516	740	31	710 – 770	629	750	41	710 – 790
750	122	750	28	720 – 780	735	750	39	710 – 790
760	693	750	26	730 – 780	1,422	760	37	720 – 790

Table 10: PSAT 8/9 8th Fall -to- PSAT 8/9 8th Spring Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 8/9 8th	N	PSAT 8/9 8th Mean	PSAT 8/9 8th SD	PSAT 8/9 8th Lower-Upper	N	PSAT 8/9 8th Mean	PSAT 8/9 8th SD	PSAT 8/9 8th Lower-Upper
120	492	200	81	120 – 290	482	230	83	150 – 320
130	21	210	81	130 – 300	3	240	83	160 – 330
140	6	220	81	140 – 310	3	250	83	170 – 340
150	8	230	81	150 – 320	2	260	83	180 – 350
160	13	240	81	160 – 330	2	260	84	180 – 350
170	11	250	81	170 – 340	1	260	84	180 – 340
180	16	260	81	180 – 350	5	260	84	170 – 340
190	15	270	81	190 – 360	14	260	84	170 – 340
200	31	280	81	200 – 370	16	260	84	170 – 340
210	38	280	81	200 – 370	15	260	84	170 – 340
220	71	280	81	200 – 370	20	260	84	170 – 340
230	76	280	81	200 – 370	23	260	84	180 – 340
240	105	290	80	210 – 370	33	260	83	180 – 340
250	154	290	79	210 – 370	48	260	83	180 – 350
260	191	290	78	210 – 370	61	270	82	190 – 350
270	255	300	76	220 – 370	110	270	80	190 – 350
280	288	300	73	230 – 370	168	280	77	200 – 360
290	291	310	70	240 – 380	254	290	73	210 – 360
300	366	320	67	250 – 380	381	300	68	230 – 360
310	381	320	63	260 – 390	529	310	63	240 – 370
320	446	330	60	270 – 390	602	320	56	260 – 370
330	550	340	57	280 – 400	755	330	50	280 – 380
340	631	350	55	300 – 410	839	340	45	290 – 390
350	699	360	52	310 – 410	1,001	350	41	310 – 390
360	746	370	50	320 – 420	1,116	370	38	330 – 400
370	706	380	49	330 – 430	1,141	380	36	340 – 420
380	907	390	48	350 – 440	1,145	400	36	360 – 430
390	893	400	47	360 – 450	1,134	410	36	370 – 450
400	756	410	46	370 – 460	923	420	37	390 – 460
410	708	420	46	380 – 470	711	440	39	400 – 480
420	596	440	46	390 – 480	492	450	41	410 – 490
430	536	450	47	400 – 490	441	460	43	420 – 510
440	448	460	47	410 – 500	345	480	45	430 – 520
450	396	470	48	420 – 520	238	490	45	440 – 530
460	336	480	48	430 – 530	186	500	45	450 – 540
470	293	490	49	440 – 540	163	510	45	460 – 550
480	327	500	49	450 – 550	136	520	44	470 – 560
490	261	510	50	460 – 560	136	530	43	480 – 570
500	241	520	50	470 – 570	112	530	42	490 – 580
510	190	530	51	480 – 590	91	540	41	500 – 580
520	142	540	51	490 – 600	70	550	40	510 – 590
530	133	550	52	500 – 610	63	560	40	520 – 600
540	110	560	52	510 – 620	64	560	40	520 – 600
550	100	570	52	520 – 630	51	570	40	530 – 610
560	79	580	52	530 – 630	44	580	40	540 – 620
570	65	590	52	540 – 640	47	590	41	550 – 630
580	64	600	52	550 – 650	30	590	42	550 – 640
590	46	610	52	560 – 660	33	600	43	560 – 650
600	44	620	52	560 – 670	20	610	44	570 – 650
610	47	620	51	570 – 670	29	620	46	570 – 660
620	43	630	51	580 – 680	22	630	47	580 – 670
630	42	640	50	590 – 690	12	630	47	590 – 680
640	27	640	50	590 – 690	17	640	48	590 – 690
650	28	650	49	600 – 700	8	650	48	600 – 690
660	13	650	49	610 – 700	9	650	47	610 – 700
670	22	660	48	610 – 710	9	660	46	620 – 710
680	12	670	48	620 – 710	5	670	44	620 – 710
690	6	670	47	620 – 720	7	670	42	630 – 720
700	10	680	47	630 – 720	3	680	40	640 – 720
710	5	680	48	630 – 720	5	690	39	650 – 720
720	21	690	50	640 – 720	11	690	40	650 – 720

Table 11: PSAT/NMSQT 10th Fall -to- PSAT 10 10th Spring Expected Score Range

	Reading and Writing Section				Math Section			
PSAT/NMSQT 10th	N	PSAT 10 10th Mean	PSAT 10 10th SD	PSAT 10 10th Lower-Upper	N	PSAT 10 10th Mean	PSAT 10 10th SD	PSAT 10 10th Lower-Upper
160	1,625	230	85	160 – 320	1,231	270	74	200 – 350
170	355	240	85	160 – 330	122	270	76	190 – 350
180	58	250	85	170 – 340	29	270	78	190 – 350
190	86	260	85	180 – 350	57	270	79	190 – 350
200	55	270	85	190 – 360	64	270	79	190 – 350
210	103	280	85	200 – 370	72	270	80	190 – 350
220	107	280	84	200 – 370	100	270	79	190 – 350
230	115	280	84	200 – 370	128	270	78	190 – 350
240	178	280	83	200 – 370	196	270	77	190 – 350
250	217	280	81	200 – 360	269	270	76	200 – 350
260	281	280	80	200 – 370	345	280	75	200 – 350
270	373	290	79	210 – 370	521	280	73	210 – 350
280	496	290	77	210 – 370	576	290	71	220 – 360
290	602	300	76	220 – 370	765	290	69	220 – 360
300	772	300	74	230 – 380	988	300	66	230 – 370
310	977	310	72	240 – 380	1,277	310	62	250 – 370
320	1,270	320	69	250 – 390	1,552	320	58	260 – 370
330	1,609	330	67	260 – 400	1,839	330	54	270 – 380
340	2,111	340	65	280 – 410	2,278	340	50	290 – 390
350	2,773	350	63	290 – 420	2,739	350	46	300 – 390
360	2,975	360	61	300 – 430	3,287	360	43	310 – 400
370	2,878	380	59	320 – 440	3,561	370	40	330 – 410
380	3,531	390	58	330 – 450	3,988	380	38	340 – 420
390	3,196	400	56	340 – 460	4,388	390	37	350 – 430
400	2,848	410	55	360 – 470	4,313	400	36	370 – 440
410	3,045	420	54	370 – 480	3,839	410	36	380 – 450
420	3,014	430	53	380 – 490	3,534	420	36	390 – 460
430	2,983	440	53	390 – 490	3,099	440	37	400 – 470
440	2,857	450	52	400 – 500	2,823	450	39	410 – 480
450	2,681	460	52	410 – 510	2,811	460	40	420 – 500
460	2,586	470	51	420 – 520	2,709	470	42	430 – 510
470	2,472	480	51	430 – 530	2,556	480	43	440 – 520
480	2,422	490	51	440 – 540	2,271	490	45	450 – 530
490	2,304	500	51	450 – 550	1,899	500	46	460 – 550
500	2,119	510	51	460 – 560	1,596	510	46	470 – 560
510	1,939	520	50	470 – 570	1,500	520	47	480 – 570
520	1,796	530	50	480 – 580	1,432	540	47	490 – 580
530	1,684	540	50	490 – 590	1,335	550	46	500 – 590
540	1,535	550	49	500 – 600	1,118	560	46	510 – 600
550	1,441	560	49	510 – 610	1,078	570	46	520 – 610
560	1,337	570	49	520 – 620	1,009	580	45	530 – 630
570	1,175	580	48	530 – 630	894	590	45	550 – 640
580	1,127	590	48	540 – 640	810	600	45	560 – 650
590	1,036	600	48	550 – 650	713	610	44	570 – 660
600	1,030	610	47	560 – 660	623	620	44	580 – 670
610	988	620	47	570 – 660	553	630	44	590 – 670
620	813	630	46	580 – 670	505	640	45	590 – 680
630	765	640	46	590 – 680	461	650	45	600 – 690
640	654	640	45	600 – 690	400	660	45	610 – 700
650	592	650	44	610 – 700	339	660	45	620 – 710
660	561	660	43	620 – 700	283	670	45	630 – 720
670	528	670	42	630 – 710	225	680	46	630 – 720
680	403	680	41	640 – 720	178	690	45	640 – 730
690	305	690	40	650 – 730	134	690	45	650 – 740
700	223	690	39	650 – 730	114	700	45	660 – 740
710	158	700	37	660 – 740	93	710	44	660 – 750
720	98	710	35	670 – 740	103	710	42	670 – 750
730	94	720	34	680 – 750	82	720	41	680 – 760
740	64	720	31	690 – 760	48	720	39	680 – 760
750	44	730	29	700 – 760	56	730	37	690 – 760
760	60	740	27	710 – 760	252	730	35	700 – 760

Table 12: PSAT/NMSQT 11th Fall -to- SAT 11th Spring Expected Score Range

	Reading and Writing Section				Math Section			
PSAT/NMSQT 11th	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper
160	7,989	320	93	230 – 420	5,939	310	72	240 – 380
170	1,697	320	94	230 – 420	699	320	77	240 – 390
180	334	320	95	230 – 420	169	320	80	240 – 400
190	358	320	95	230 – 420	207	320	82	240 – 410
200	363	320	94	220 – 410	258	320	82	240 – 410
210	408	320	93	230 – 410	331	320	82	240 – 410
220	531	320	91	230 – 410	455	320	81	240 – 410
230	720	320	88	230 – 400	529	320	80	240 – 400
240	933	320	86	230 – 400	791	320	78	240 – 400
250	1,198	320	83	230 – 400	1,145	320	75	250 – 400
260	1,498	320	80	240 – 400	1,564	320	73	250 – 390
270	1,760	320	78	240 – 400	1,972	320	70	250 – 390
280	2,354	320	75	250 – 400	2,658	320	67	250 – 390
290	2,894	320	73	250 – 400	3,485	320	64	260 – 390
300	3,563	330	70	260 – 400	4,349	330	61	270 – 390
310	4,749	340	68	270 – 400	5,404	330	57	270 – 390
320	6,029	340	66	280 – 410	6,765	340	54	280 – 390
330	7,973	350	64	290 – 410	8,642	350	51	290 – 400
340	10,280	360	62	300 – 420	10,953	350	48	310 – 400
350	13,148	370	60	310 – 430	13,353	360	45	320 – 410
360	15,583	380	58	320 – 440	16,843	370	42	330 – 410
370	15,799	390	57	330 – 450	20,427	380	40	340 – 420
380	20,741	400	55	340 – 450	24,117	390	39	350 – 430
390	19,589	410	54	360 – 460	28,432	400	38	370 – 440
400	19,329	420	53	370 – 470	30,651	410	37	380 – 450
410	21,370	430	52	380 – 480	30,179	430	37	390 – 460
420	22,797	440	51	390 – 490	30,062	440	38	400 – 470
430	24,652	450	51	400 – 500	29,270	450	38	410 – 490
440	24,355	460	50	410 – 510	29,081	460	39	420 – 500
450	24,765	470	50	420 – 520	30,204	470	40	430 – 510
460	25,467	480	49	430 – 530	32,126	480	42	440 – 520
470	25,776	490	49	440 – 540	32,784	490	43	450 – 540
480	26,460	500	49	450 – 550	30,739	500	44	460 – 550
490	26,313	510	49	460 – 560	27,642	520	45	470 – 560
500	26,192	520	48	470 – 570	24,292	530	46	480 – 570
510	26,077	530	48	480 – 580	24,146	540	47	490 – 580
520	25,061	540	48	490 – 590	23,570	550	48	500 – 600
530	25,031	550	48	500 – 600	22,711	560	48	510 – 610
540	24,341	560	48	510 – 610	21,841	570	48	520 – 620
550	23,791	570	48	520 – 620	20,498	580	48	530 – 630
560	23,298	580	48	530 – 630	19,489	590	48	540 – 640
570	21,469	590	47	540 – 640	18,412	600	48	550 – 650
580	20,405	600	47	550 – 650	17,293	610	47	560 – 660
590	20,683	610	47	560 – 660	16,099	620	47	570 – 660
600	20,706	620	47	570 – 660	15,072	630	47	580 – 670
610	20,767	630	47	580 – 670	14,054	640	47	590 – 680
620	19,495	640	46	590 – 680	13,187	640	47	600 – 690
630	17,680	650	46	600 – 690	12,253	650	47	610 – 700
640	16,436	660	45	610 – 700	11,095	660	47	620 – 710
650	15,062	670	45	620 – 710	9,953	670	47	620 – 720
660	15,400	680	44	630 – 720	8,841	680	47	630 – 730
670	14,218	680	43	640 – 730	7,685	690	47	640 – 730
680	13,036	690	42	650 – 740	7,016	690	47	650 – 740
690	10,925	700	41	660 – 740	6,089	700	47	650 – 750
700	8,910	710	40	670 – 750	4,978	710	47	660 – 750
710	6,746	720	38	680 – 760	4,924	710	46	670 – 760
720	4,750	730	36	690 – 760	3,918	720	45	680 – 770
730	3,978	730	34	700 – 770	3,463	730	44	680 – 770
740	2,975	740	32	710 – 770	2,591	730	43	690 – 780
750	2,740	750	30	720 – 780	2,385	740	42	700 – 780
760	3,683	750	27	730 – 780	14,998	740	40	700 – 780

Table 13: PSAT 8/9 8th Spring -to- PSAT 8/9 9th Fall Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 8/9 8th	N	PSAT 8/9 9th Mean	PSAT 8/9 9th SD	PSAT 8/9 9th Lower-Upper	N	PSAT 8/9 9th Mean	PSAT 8/9 9th SD	PSAT 8/9 9th Lower-Upper
120	77	260	74	190 – 340	129	250	78	170 – 330
130	16	260	79	190 – 340	0	250	80	180 – 330
140	2	260	83	180 – 350	0	260	81	170 – 340
150	4	260	87	180 – 350	1	260	83	170 – 340
160	3	260	89	170 – 350	0	260	84	170 – 340
170	2	260	91	170 – 350	1	260	85	170 – 340
180	8	260	92	170 – 350	7	260	85	170 – 340
190	7	260	92	170 – 360	4	260	85	170 – 340
200	9	260	92	170 – 350	5	260	85	170 – 340
210	6	260	91	170 – 350	12	260	84	170 – 340
220	9	270	89	180 – 350	8	260	84	170 – 340
230	17	270	87	180 – 350	9	260	83	180 – 340
240	21	270	85	180 – 350	13	260	82	180 – 340
250	28	270	83	190 – 350	13	260	81	180 – 340
260	23	280	80	200 – 360	25	270	80	190 – 350
270	52	280	78	200 – 360	37	270	79	190 – 350
280	59	290	75	210 – 360	36	280	77	200 – 350
290	67	290	72	220 – 360	55	280	75	210 – 360
300	74	300	69	230 – 370	86	290	72	220 – 360
310	103	310	66	240 – 370	98	300	69	230 – 370
320	94	320	63	250 – 380	137	310	64	240 – 370
330	165	330	60	270 – 390	168	320	59	260 – 380
340	169	340	57	280 – 400	213	330	53	280 – 380
350	190	350	55	290 – 400	229	340	48	300 – 390
360	193	360	52	310 – 410	283	360	42	320 – 400
370	220	370	50	320 – 420	308	370	38	330 – 410
380	308	380	49	340 – 430	363	380	34	350 – 420
390	299	400	48	350 – 440	368	390	32	360 – 430
400	263	410	47	360 – 450	355	410	31	370 – 440
410	275	420	47	370 – 460	294	420	31	390 – 450
420	258	430	47	380 – 470	281	430	31	390 – 460
430	265	440	47	390 – 480	291	430	32	400 – 470
440	237	450	47	400 – 490	214	440	34	410 – 480
450	217	460	48	410 – 510	211	450	36	420 – 490
460	174	470	48	420 – 520	204	460	38	420 – 500
470	192	480	49	430 – 530	163	470	40	430 – 510
480	200	490	50	440 – 540	161	480	42	440 – 520
490	203	500	50	450 – 550	139	490	43	450 – 530
500	157	510	51	460 – 560	157	500	44	460 – 540
510	156	520	52	470 – 570	113	510	44	470 – 550
520	129	530	52	480 – 580	128	520	45	480 – 560
530	113	540	53	490 – 590	91	530	45	490 – 580
540	96	550	53	500 – 600	100	540	46	500 – 590
550	100	560	53	510 – 610	71	550	46	510 – 600
560	83	570	54	520 – 620	56	560	47	510 – 610
570	91	580	54	530 – 630	57	570	48	520 – 620
580	75	590	54	530 – 640	50	580	49	530 – 630
590	58	600	54	540 – 650	55	590	49	540 – 640
600	57	600	54	550 – 660	43	600	50	550 – 650
610	71	610	54	560 – 660	17	610	51	560 – 660
620	43	620	54	560 – 670	14	620	51	570 – 670
630	40	620	53	570 – 680	15	630	51	580 – 680
640	32	630	53	580 – 680	18	640	51	590 – 690
650	31	640	52	580 – 690	12	650	50	600 – 700
660	28	640	51	590 – 690	8	660	48	610 – 700
670	18	650	50	600 – 700	3	660	46	620 – 710
680	13	660	49	610 – 700	8	670	43	630 – 720
690	11	660	48	610 – 710	1	680	39	640 – 720
700	14	670	46	620 – 720	0	690	36	660 – 720
710	8	680	44	630 – 720	0	700	32	670 – 720
720	30	680	43	640 – 720	9	710	31	680 – 720

Table 14: PSAT 8/9 9th Spring -to- PSAT/NMSQT 10th Fall Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 8/9 9th	N	PSAT/NMSQT 10th Mean	PSAT/NMSQT 10th SD	PSAT/NMSQT 10th Lower-Upper	N	PSAT/NMSQT 10th Mean	PSAT/NMSQT 10th SD	PSAT/NMSQT 10th Lower-Upper
120	794	280	80	200 – 360	935	270	70	200 – 340
130	96	290	81	210 – 370	20	270	73	200 – 350
140	37	290	82	210 – 370	1	270	76	200 – 350
150	30	290	83	210 – 370	4	270	79	190 – 350
160	39	290	83	210 – 370	12	270	81	190 – 350
170	38	290	83	210 – 370	24	270	82	190 – 350
180	46	290	83	210 – 370	20	270	83	190 – 350
190	55	290	83	210 – 370	27	270	83	190 – 350
200	69	290	82	210 – 370	34	270	82	190 – 350
210	74	290	81	210 – 370	51	270	81	190 – 350
220	108	290	80	210 – 370	47	270	80	190 – 350
230	163	290	79	210 – 370	56	270	78	190 – 350
240	179	290	78	210 – 370	78	270	77	190 – 350
250	246	290	77	210 – 370	87	270	75	200 – 350
260	299	290	75	220 – 370	117	280	73	200 – 350
270	353	290	73	220 – 370	255	280	70	210 – 350
280	409	300	71	230 – 370	316	280	68	220 – 350
290	514	300	69	240 – 370	447	290	65	220 – 350
300	602	310	66	250 – 380	629	300	62	230 – 360
310	695	320	64	260 – 380	847	300	58	250 – 360
320	891	330	62	270 – 390	1,061	310	55	260 – 370
330	1,089	340	59	280 – 400	1,453	320	51	270 – 370
340	1,290	350	57	290 – 400	1,793	330	47	290 – 380
350	1,563	360	55	300 – 410	2,157	350	43	300 – 390
360	1,865	370	53	310 – 420	2,404	360	40	320 – 400
370	1,970	380	52	330 – 430	2,791	370	38	330 – 410
380	2,694	390	51	340 – 440	3,001	380	36	340 – 420
390	2,535	400	50	350 – 450	3,107	390	34	360 – 430
400	2,372	410	49	360 – 460	3,152	400	34	370 – 440
410	2,434	420	48	370 – 470	2,681	410	34	380 – 450
420	2,268	430	47	380 – 480	2,582	420	34	390 – 460
430	2,285	440	47	390 – 490	2,427	430	35	400 – 470
440	1,986	450	47	400 – 490	2,350	440	37	410 – 480
450	1,924	460	46	410 – 500	2,178	450	38	410 – 490
460	1,842	470	46	420 – 510	2,056	460	40	420 – 500
470	1,952	480	47	430 – 520	1,947	470	41	430 – 510
480	2,096	490	47	440 – 530	1,885	480	43	440 – 520
490	1,994	500	47	450 – 540	1,736	490	44	450 – 530
500	1,901	510	48	460 – 550	1,725	500	44	460 – 550
510	1,773	510	48	470 – 560	1,594	510	45	470 – 560
520	1,591	520	48	480 – 570	1,454	520	45	480 – 570
530	1,562	530	48	480 – 580	1,327	530	45	490 – 580
540	1,371	540	49	490 – 590	1,075	540	45	500 – 590
550	1,227	550	49	500 – 600	1,121	550	45	510 – 600
560	1,223	560	49	510 – 610	976	560	45	520 – 610
570	1,070	570	50	520 – 620	819	570	45	530 – 620
580	977	580	50	530 – 630	784	580	46	540 – 630
590	1,000	590	50	540 – 640	675	590	46	550 – 640
600	843	590	50	540 – 640	667	600	47	560 – 650
610	867	600	50	550 – 650	547	610	48	560 – 660
620	787	610	50	560 – 660	450	620	48	570 – 670
630	685	620	49	570 – 670	441	630	49	580 – 680
640	593	630	49	580 – 680	307	640	50	590 – 690
650	473	640	48	590 – 680	327	650	51	600 – 700
660	446	640	48	600 – 690	207	660	51	600 – 710
670	352	650	47	600 – 700	184	660	51	610 – 720
680	316	660	46	610 – 700	177	670	51	620 – 720
690	299	670	45	620 – 710	82	680	50	630 – 730
700	195	670	43	630 – 720	140	690	48	650 – 740
710	243	680	42	640 – 720	95	700	46	660 – 750
720	768	690	40	650 – 730	346	710	44	670 – 760

Table 15: PSAT 10 10th Spring -to- PSAT/NMSQT 11th Fall Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 10 10th	N	PSAT/NMSQT 11th Mean	PSAT/NMSQT 11th SD	PSAT/NMSQT 11th Lower-Upper	N	PSAT/NMSQT 11th Mean	PSAT/NMSQT 11th SD	PSAT/NMSQT 11th Lower-Upper
160	1,701	260	89	170 – 350	1,513	280	71	210 – 350
170	542	270	89	180 – 360	328	280	78	210 – 360
180	84	280	89	190 – 370	60	290	82	210 – 370
190	101	290	89	200 – 380	80	290	85	210 – 380
200	127	300	89	210 – 390	117	290	87	210 – 380
210	140	300	88	210 – 390	125	290	87	210 – 380
220	159	300	87	220 – 390	101	290	86	210 – 380
230	221	300	85	220 – 390	148	290	84	210 – 380
240	289	300	82	220 – 380	229	290	81	210 – 380
250	366	300	80	220 – 380	244	290	78	220 – 370
260	427	300	77	220 – 380	340	300	74	220 – 370
270	469	300	75	230 – 380	463	300	70	230 – 370
280	608	310	72	240 – 380	578	300	67	230 – 370
290	648	310	69	240 – 380	719	300	63	240 – 370
300	755	320	67	250 – 380	970	310	60	250 – 370
310	881	320	64	260 – 390	1,192	320	56	260 – 370
320	1,122	330	62	270 – 390	1,593	320	52	270 – 380
330	1,472	340	60	280 – 400	2,058	330	49	280 – 380
340	2,033	350	57	290 – 410	2,557	340	46	300 – 390
350	2,669	360	55	300 – 410	3,211	360	43	310 – 400
360	3,117	370	54	320 – 420	4,220	370	41	330 – 410
370	3,380	380	52	330 – 430	5,306	380	39	340 – 420
380	4,633	390	51	340 – 440	6,440	390	38	350 – 430
390	4,492	400	50	350 – 450	7,652	400	37	370 – 440
400	4,487	410	50	360 – 460	8,327	410	37	380 – 450
410	4,730	420	49	370 – 470	7,809	430	37	390 – 460
420	5,264	430	49	380 – 480	7,484	440	37	400 – 480
430	5,440	440	49	390 – 490	7,121	450	38	410 – 490
440	5,321	450	49	400 – 500	6,460	460	39	420 – 500
450	5,437	460	49	410 – 510	5,871	470	40	430 – 510
460	5,697	470	49	420 – 520	5,770	480	42	440 – 520
470	5,941	480	50	430 – 530	5,933	490	43	450 – 530
480	6,204	490	50	440 – 540	5,545	500	44	460 – 550
490	6,348	500	50	450 – 550	5,187	510	45	470 – 560
500	6,168	510	50	460 – 560	4,458	520	46	480 – 570
510	6,028	520	51	470 – 570	4,540	530	46	490 – 580
520	5,900	530	51	480 – 580	4,463	540	47	500 – 590
530	5,656	540	51	490 – 590	4,404	550	47	510 – 600
540	5,208	550	51	500 – 600	4,071	560	47	520 – 610
550	5,018	560	50	510 – 610	3,998	570	47	530 – 620
560	4,837	570	50	520 – 620	3,743	580	47	540 – 630
570	4,414	580	50	530 – 630	3,593	590	47	550 – 640
580	4,090	590	49	540 – 640	3,404	600	47	550 – 650
590	4,152	600	49	550 – 650	3,157	610	47	560 – 660
600	3,925	610	48	560 – 660	3,059	620	47	570 – 670
610	3,977	620	48	570 – 660	2,905	630	47	580 – 680
620	3,628	630	47	580 – 670	2,667	640	47	590 – 690
630	3,290	640	46	590 – 680	2,404	650	48	600 – 700
640	2,922	640	45	600 – 690	2,329	660	48	610 – 710
650	2,722	650	44	610 – 700	1,930	670	48	620 – 710
660	2,882	660	43	620 – 710	1,950	670	48	630 – 720
670	2,759	670	42	630 – 710	1,668	680	48	630 – 730
680	2,544	680	41	640 – 720	1,392	690	48	640 – 740
690	2,066	690	39	650 – 730	1,298	700	48	650 – 750
700	1,763	690	37	660 – 730	1,071	710	47	660 – 750
710	1,282	700	36	670 – 740	1,062	710	45	670 – 760
720	747	710	34	680 – 740	599	720	43	680 – 760
730	861	720	32	680 – 750	337	730	41	680 – 760
740	594	720	29	690 – 750	714	730	38	690 – 760
750	141	730	27	700 – 760	793	740	35	700 – 760
760	891	730	25	710 – 760	1,686	740	32	710 – 760

Table 16: PSAT 10 10th Spring -to- SAT 11th Fall Expected Score Range

	Reading and Writing Section				Math Section			
PSAT 10 10th	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper
160	35	270	94	200 – 370	22	260	115	200 – 380
170	14	280	94	200 – 380	2	270	115	200 – 390
180	1	290	94	200 – 390	1	280	115	200 – 400
190	0	300	94	210 – 400	0	290	115	200 – 410
200	4	310	94	220 – 410	2	300	115	200 – 420
210	2	320	94	230 – 420	1	300	111	200 – 410
220	0	330	94	240 – 430	3	300	107	200 – 410
230	7	330	91	240 – 420	2	300	103	200 – 400
240	8	330	89	240 – 420	4	300	100	200 – 400
250	6	330	87	240 – 410	5	300	96	210 – 400
260	7	330	84	240 – 410	5	310	92	220 – 400
270	7	330	82	250 – 410	9	310	88	220 – 400
280	6	340	80	260 – 420	4	320	84	230 – 400
290	10	340	78	260 – 420	8	320	80	240 – 400
300	11	350	76	270 – 420	16	330	76	250 – 410
310	15	360	75	280 – 430	24	340	72	270 – 410
320	19	360	73	290 – 440	25	350	68	280 – 410
330	29	370	72	300 – 440	24	350	64	290 – 420
340	31	380	70	310 – 450	43	360	60	300 – 430
350	56	390	69	320 – 460	64	370	57	320 – 430
360	70	400	68	340 – 470	70	390	55	330 – 440
370	91	420	67	350 – 480	97	400	52	340 – 450
380	124	430	67	360 – 490	127	410	51	360 – 460
390	112	440	66	370 – 500	172	420	49	370 – 470
400	134	450	65	380 – 510	204	430	49	390 – 480
410	146	460	64	400 – 520	209	450	49	400 – 500
420	187	470	64	410 – 540	232	460	49	410 – 510
430	213	480	63	420 – 550	253	470	49	420 – 520
440	238	490	62	430 – 560	274	490	50	440 – 540
450	233	500	62	440 – 570	304	500	52	450 – 550
460	239	510	61	450 – 580	310	510	53	460 – 570
470	330	520	60	460 – 580	367	530	54	470 – 580
480	352	530	59	480 – 590	359	540	55	480 – 590
490	441	540	58	490 – 600	374	550	56	490 – 600
500	445	550	57	500 – 610	364	560	56	500 – 610
510	491	560	56	510 – 620	431	570	56	510 – 620
520	529	570	55	520 – 630	434	580	56	520 – 630
530	582	580	54	530 – 640	485	590	56	530 – 640
540	588	590	53	540 – 640	475	590	55	540 – 650
550	611	600	52	550 – 650	524	600	55	550 – 660
560	641	610	51	560 – 660	550	610	54	560 – 670
570	639	620	51	570 – 670	598	620	53	570 – 670
580	649	630	50	580 – 680	634	630	52	580 – 680
590	679	630	50	580 – 680	622	640	52	590 – 690
600	719	640	49	590 – 690	630	650	51	600 – 700
610	756	650	48	600 – 700	652	660	50	610 – 710
620	743	660	47	610 – 710	716	670	50	620 – 720
630	706	670	47	620 – 710	676	680	49	630 – 730
640	679	680	46	630 – 720	700	690	48	640 – 730
650	652	680	44	640 – 730	674	690	48	650 – 740
660	732	690	43	650 – 730	657	700	47	650 – 750
670	789	700	41	660 – 740	696	710	46	660 – 750
680	793	710	40	670 – 750	592	710	46	670 – 760
690	677	710	38	680 – 750	561	720	45	670 – 760
700	611	720	37	680 – 760	503	720	44	680 – 770
710	457	730	35	690 – 760	519	730	43	690 – 770
720	285	740	33	700 – 770	277	730	42	690 – 780
730	349	740	32	710 – 770	194	740	40	700 – 780
740	238	750	30	720 – 780	390	750	39	710 – 790
750	64	750	29	720 – 780	430	750	37	720 – 790
760	390	760	28	730 – 790	1,055	760	36	720 – 800

Table 17: SAT 11th Spring -to- SAT 12th Fall Expected Score Range

	Reading and Writing Section				Math Section			
SAT 11th	N	SAT 12th Mean	SAT 12th SD	SAT 12th Lower-Upper	N	SAT 12th Mean	SAT 12th SD	SAT 12th Lower-Upper
200	2,734	280	76	210 – 360	1,637	250	101	200 – 360
210	197	290	76	220 – 370	216	260	101	200 – 370
220	123	300	76	230 – 380	39	270	101	200 – 380
230	110	310	76	240 – 390	39	280	101	200 – 390
240	131	310	74	240 – 390	70	290	101	200 – 400
250	197	310	71	240 – 380	112	300	101	200 – 410
260	250	310	69	240 – 380	144	310	99	210 – 400
270	296	310	67	250 – 380	231	310	96	210 – 400
280	404	320	65	250 – 380	278	310	92	220 – 400
290	471	320	63	260 – 390	444	310	87	220 – 400
300	638	330	61	270 – 390	710	310	83	230 – 400
310	829	330	59	280 – 390	1,034	320	78	240 – 400
320	1,045	340	58	280 – 400	1,414	320	74	250 – 400
330	1,403	350	56	290 – 410	1,889	330	70	260 – 400
340	1,986	360	55	300 – 410	2,476	340	66	270 – 410
350	2,712	370	54	310 – 420	2,955	350	62	290 – 410
360	3,130	380	54	320 – 430	3,733	360	59	300 – 420
370	3,593	390	53	330 – 440	4,687	370	56	310 – 430
380	5,122	400	52	340 – 450	5,890	380	53	330 – 440
390	5,210	410	52	350 – 460	7,325	390	51	340 – 450
400	5,523	420	52	370 – 470	8,549	410	49	360 – 460
410	6,139	430	51	380 – 480	9,266	420	47	370 – 470
420	6,562	440	51	390 – 490	9,683	430	46	390 – 480
430	6,954	450	51	400 – 500	10,286	440	45	400 – 490
440	6,820	460	51	410 – 510	10,524	460	45	410 – 500
450	6,964	470	50	420 – 520	10,697	470	45	420 – 510
460	7,632	480	50	430 – 530	10,873	480	45	430 – 520
470	8,397	490	50	440 – 540	11,321	490	45	440 – 530
480	10,089	500	50	450 – 550	11,409	500	46	450 – 540
490	11,264	510	50	460 – 560	11,490	510	46	460 – 550
500	12,352	520	49	470 – 570	11,848	520	47	470 – 560
510	13,621	530	49	480 – 580	12,356	530	48	480 – 570
520	14,467	540	49	490 – 590	12,803	540	48	490 – 580
530	15,284	550	49	500 – 600	13,192	550	49	500 – 590
540	14,769	560	48	510 – 610	13,043	560	49	510 – 600
550	14,176	570	48	520 – 620	12,928	570	49	520 – 610
560	14,278	580	48	530 – 620	12,447	580	49	530 – 630
570	13,290	590	48	540 – 630	12,715	590	49	540 – 640
580	13,177	600	47	550 – 640	12,543	600	49	550 – 650
590	13,871	610	47	560 – 650	12,011	610	49	560 – 660
600	14,076	610	47	570 – 660	12,097	620	49	570 – 660
610	14,542	620	46	580 – 670	11,582	630	49	580 – 670
620	13,944	630	46	590 – 680	11,242	640	48	590 – 680
630	13,600	640	45	600 – 690	10,695	650	48	600 – 690
640	12,597	650	44	610 – 690	10,453	650	47	610 – 700
650	12,246	660	43	620 – 700	9,941	660	47	620 – 710
660	11,618	670	42	630 – 710	9,499	670	47	630 – 720
670	10,808	680	41	630 – 720	9,065	680	46	640 – 730
680	9,998	680	40	640 – 720	8,354	690	45	640 – 740
690	8,991	690	39	650 – 730	7,800	700	45	650 – 740
700	8,667	700	38	660 – 740	7,245	710	44	660 – 750
710	7,743	710	37	670 – 740	6,604	710	43	670 – 760
720	6,161	710	36	680 – 750	5,718	720	43	680 – 760
730	5,958	720	34	690 – 760	5,047	730	42	690 – 770
740	5,088	730	33	700 – 760	4,319	730	41	690 – 780
750	4,152	740	32	700 – 770	3,376	740	40	700 – 780
760	2,509	740	31	710 – 770	3,198	750	39	710 – 790
770	1,256	750	30	720 – 780	2,177	750	38	710 – 790
780	509	750	29	730 – 780	2,860	760	37	720 – 790
790	288	760	29	730 – 790	3,126	760	36	720 – 800
800	188	770	28	740 – 790	906	760	35	730 – 800

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