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School-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 established SAT Suite of Assessments growth reporting groups, identified an appropriate methodology to report growth across the SAT Suite of Assessments, and provided the results of the growth estimates at student level (Zhao, Zhang, & Proctor, 2026). As an extension to the study of the student-level growth, the purpose of this report is to describe the methodology used to estimate school-level growth and to provide the results of the growth estimates for particular SAT Suite of Assessments growth reporting groups.

Method

Data

School-level growth is reported on the Reading and Writing (RW) and Math (M) section scores for each assessment in the SAT Suite of Assessments. School-level growth measures are estimated based on the groups of schools with students who, while at the same school, 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). Given a school, school-level growth tracks changes in its students' average scores between prior test and current test, where the averages are rounded to 10s units. Thus, measuring school-level growth requires students to stay in the same school between two testing times. Table 1 shows the 15 growth reporting groups for the SAT Suite of Assessments considered in the student-level growth study based on specific grade levels and the timing of the first and second tests (Zhao, Zhang, & Proctor, 2026). Groups 1 to 4 are from schools that administered 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 schools that administered 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 schools that administered 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 schools that administered the SAT Suite of Assessments in the spring of 2024 and the fall of 2024 (*Spring-to-Fall group*). Since a majority of students tend to switch their schools from 8th to 9th grade, among the 15 growth reporting groups, it was decided not to report school-level growth estimates for three such groups, Groups 1, 5, and 11, for which the growth from 8th to 9th grade was reported at the student level. Additionally, Group 8 (Fall PSAT 8/9 in 8th to Spring PSAT 8/9 8th) is not reported due to the very small sample size.

Only K-12 schools were included in the analysis; special institutions (e.g., scholarship foundations) were not included. To compute the average of students' scores for each school, students with missing school code were excluded. In addition, among students with valid school codes, the analysis included only those with reportable scores. 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 school means of the 11 school-level growth reporting groups. Overall growth is computed as the average score change from prior to current assessments.

In general, the average school-level growth estimates were very similar to the average student-level growth estimates. However, in contrast with the means, the standard deviations of the school-level growth estimates were approximately half as large as the standard deviations of the student-level growth estimates. Thus, a projected range of typical growth at school level, which is based on the conditional mean of the current test scores, plus or minus the conditional standard deviation at a prior test score, should be much narrower than the range of student-level growth. The correlations between prior and current tests in the school-level growth estimates were higher than the ones in the student-level growth estimates.

Growth measures: Conditional means and standard deviations of the school means

The methodology used for student-level SAT Suite of Assessments growth reporting is also used for school-level growth reporting. This methodology estimates a school's expected current score (e.g., SAT) based on the 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.

To address irregularities in the distribution of mean scores due to sampling errors and to produce score ranges for growth even when a prior test score is not observed in the data, the B-spline smoothing method with quantile regression was considered. The conditional means and conditional standard deviations of the current test score means were estimated at each prior score using the outputs from the smoothing method.

For this smoothing method, the prior test scores were converted into B-spline basis functions that are piecewise polynomial functions with d degrees that divide the scores into k 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 999 ($q=0.001, 0.002, \dots, 0.999$) 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. To find the model that fits the data best, the following B-spline smoothing models were examined by varying the number of knots (k) and degrees (d): $k1d2$, $k2d2$, $k2d3$, $k3d2$, $k3d3$ and $k4d3$.

Results

Evaluations for the B-spline Smoothing Model

In terms of the model selection criterion, the smoothing model that best fits the conditional means and standard deviations of the current test score means was preferred. Comparing the six B-spline smoothing models, it was found that all B-spline models provided different results for the lower or higher ends of the score mean distributions. Since the model with $k4d3$ appeared to fit the conditional means and standard deviations best, the model with $k4d3$ was selected as the final smoothing model to estimate school-level growth. Note that the B-spline functions with $k4d3$ were also used for the student-level growth estimation (SAS Institute, 2025; Zhao, Zhang, & Proctor, 2026).

The overall patterns of estimated conditional means and standard deviations in the school-level growth analysis were consistent with the ones found in the student-level growth analysis. For the scores with no missing frequencies, the conditional means of the current test score means increased curvilinearly as prior scores increased. The conditional standard deviations of the current test score means frequently decreased curvilinearly as prior scores increased. Generally, there were larger variabilities at the lower end of the score distributions for all 11 reported groups. This implies that the projected score range of the current test means narrows for schools with higher scores on the prior test.

Since all 11 groups did not have any frequencies for several prior scores at the lower end of the score mean distributions, the growth estimates were not identified and thus some manual adjustments were applied and explained in the next section.

Although there were large variabilities at the lower and higher ends of the score mean distributions mainly due to small sample sizes, overall, the conditional means and standard deviations based on the selected B-spline smoothing model were very close to the ones based on the unsmoothed score mean distributions.

Growth Estimates and Adjustment Procedures for Missing School Data

Once the conditional score mean distributions of the current test were smoothed using B-spline smoothing, the conditional mean of the current score means 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 13 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 11 groups (rounded to units of 10). Each table shows all possible prior scores, the 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.

Although the selected B-spline smoothing model fitted the conditional school mean distributions well, conditional means and standard deviations at both ends of the prior section scores were not identified for all 11 school-level growth reporting groups because there were very few or no schools at both ends of the scores.

To address the non-identification issue, the conditional means and standard deviations for prior score groups with fewer than five schools at the lower end were extrapolated beginning with the last score group (moving from left to right) with $N < 5$, using the most recently estimated conditional means and standard deviations from adjacent score groups with sufficient sample sizes to obtain the undefined lower-end values. Similarly, at the upper end, extrapolation began with the last score group with $N < 5$, again using the nearest estimated conditional means and standard deviations from score groups meeting the minimum school-count requirement to obtain the undefined higher-end values. The lowest and highest prior score groups with extrapolated conditional means and standard deviations are indicated by a dividing line in the tables.

For example, Group 7 schools containing the PSAT 10 10th spring to SAT 11th spring test takers, there had fewer than five schools at RW scores between 160 and 300 as well as between 720 and 760 (in Table 7). For the RW prior scores of 300 or lower, the unrounded conditional means were estimated by adding the model estimated growth for RW score of 310 (i.e., about 40 points) to the prior scores and the conditional standard deviations were replaced with the model estimated unrounded conditional standard deviation for RW score of 310 (i.e., about 45 points). For the RW prior scores of 720 or

higher, the conditional means were estimated by adding the model estimated growth for RW score of 710 (i.e., about 10 points) to the prior scores and the conditional standard deviations were replaced with the model estimated conditional standard deviation for RW score of 710 (i.e., about 33 points).

Because the growth measures tend to be associated with assumptions and interpretations of normality, normality assumptions with the growth estimates were evaluated based on how closely the interpretations agreed with 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 schools with a given prior score had growth within the Lower-Upper ranges if the current score means at a given prior score are normally distributed. To check whether the Lower-Upper ranges indeed contain the middle 68% of schools with a given prior score, the 16th and 84th percentiles for the current score mean distribution given a prior score, which include approximately 68% of the distribution, were examined. These results indicate that most of the Lower and Upper growth ranges roughly reflect the middle 68% of schools with a given prior score.

Discussion

The purpose of this report is to describe school-level growth for 11 growth reporting groups based on fall and spring periods, tests, and grade levels for the SAT Suite of Assessments. Compared to the corresponding reported student-level results (Zhao, Zhang, & Proctor, 2026), these school-level results reflect the following:

- Eleven rather than 15 reporting groups (i.e., no growth reporting for schools with the same students in 8th and 9th grade),
- Conditional means of the school-level means that are similar to those of the student-level scores,
- Conditional standard deviations of the school-level means that are smaller than those of the student-level scores,
- Conditional growth ranges of the school-level means that are narrower than those of the student-level scores.

These school-level growth reporting results indicate typical growth in school-level means based on recent data for the SAT Suite of Assessments. Updating these growth estimates will be informed by periodic evaluations of stability.

Appropriate Uses of School-Level Growth Estimates

The school-level growth estimates presented in this report are designed to support descriptive and comparative interpretations of aggregate student performance across schools. They are most appropriately used to characterize typical patterns of score change among schools with similar prior performance.

Appropriate uses include:

- **Benchmarking across similar schools:** Comparing a school's average score progression to typical growth patterns observed among schools with similar prior performance levels.
- **Contextualizing aggregate observed growth patterns:** Determining whether a school's observed change in average scores is broadly consistent with, above typical, or below typical patterns for comparable schools.
- **Informing system-level reflection:** Supporting educators and policymakers in understanding general patterns of student progress across schools and across time.

These uses are comparative and descriptive in nature and are not intended to provide precise predictions for individual schools.

Important Limitations

The school-level growth estimates are statistical summaries of aggregate observed outcomes across groups of schools with students tested between fall 2023 and spring 2025. These estimates are derived from patterns across schools with similar prior performance, rather than longitudinal modeling of individual schools, and should be interpreted as reference distributions for comparisons, not as expected outcomes for a specific school. Key limitations include:

- The estimates are based on specific test-taking pathways and reporting groups, and not all possible school-level pathways are represented. Applying these estimates outside the defined groups may result in inaccurate inferences.
- The estimates reflect average outcomes across schools and do not account for differences in student composition, instructional content, resources, opportunity to learn, or other school characteristics.
- The estimates are less stable for schools with smaller numbers of tested students. Observed differences involving small schools should be interpreted with additional caution, as they may reflect sampling variability rather than meaningful differences in typical growth.
- The estimates rely on assumptions that aggregate growth patterns are reasonably stable over time. Changes in student populations, participation patterns, or school characteristics may affect the generalizability of the results.
- School-level results are based on students who remain enrolled in the same school across testing occasions, which will exclude mobile or absent students and limit generalizability to the school's full enrolled population.

Inappropriate Uses and Misinterpretations

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

- **Measures of school effectiveness or impact:** The methodology does not isolate causal effects of schools, programs, or educators.
- **Accountability, ranking, or high-stakes decision making:** This includes use in school ratings or rankings; performance-based funding; formal accountability systems; or evaluation of educators or school leaders without additional evidence to support the validity of such uses.
- **Making causal inferences about differences between schools:** Observed differences in growth may reflect differences in student populations, participation, or other contextual factors.

Relationship with Student-Level Growth Estimates

The student-level and school-level growth estimates are based on related methodologies but are not interchangeable. Applying student-level growth ranges to school-level outcomes, or vice versa, may lead to misleading conclusions due to differences in variability and aggregation.

References

- College Board. (2024). *Digital SAT Suite of Assessments technical manual: Characteristics of the Digital SAT Suite*. New York, NY: College Board. Available from: <https://research.collegeboard.org/reports/sat-suite/technical-resources>.
- SAS Institute. (2025). *SAS/STAT user's guide: The QUANTREG procedure (Version 15.4)*. Cary, NC: SAS Institute Inc.
- Zhao, F., Zhang, O., & Proctor, T. (2026). *Student-level growth estimates for the SAT Suite of Assessments*. New York, NY: College Board. Available from: <https://research.collegeboard.org/reports/sat-suite/growth-across-assessments>.

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. School-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								
Group 2: N (RW/M): 2,755/2,755	PSAT 8/9 9th	PSAT/NMSQT 10th	Cor.	Growth	PSAT 8/9 9th	PSAT/NMSQT 10th	Cor.	Growth
Mean	443.69	468.37	0.96	24.68	425.90	444.74	0.97	18.84
SD	66.59	66.18		18.32	60.87	67.71		17.96
Group 3: N (RW/M): 11,640/11,620	PSAT/NMSQT 10th	PSAT/NMSQT 11th	Cor.	Growth	PSAT/NMSQT 10th	PSAT/NMSQT 11th	Cor.	Growth
Mean	515.64	542.17	0.95	26.52	489.53	519.26	0.96	29.73
SD	74.56	77.21		23.80	71.27	81.83		23.78
Group 4: N (RW/M): 13,848/13,834	PSAT/NMSQT 11th	SAT 12th	Cor.	Growth	PSAT/NMSQT 11th	SAT 12th	Cor.	Growth
Mean	554.47	589.45	0.92	34.98	532.94	565.76	0.93	32.81
SD	69.55	71.25		29.03	72.47	78.83		29.59
2024 Spring to 2025 Spring								
Group 6: N (RW/M): 2,133/2,130	PSAT 8/9 9th	PSAT 10 10th	Cor.	Growth	PSAT 8/9 9th	PSAT 10 10th	Cor.	Growth
Mean	443.76	457.54	0.93	13.78	419.93	434.54	0.94	14.61
SD	63.22	66.71		24.80	62.73	67.26		22.71
Group 7: N (RW/M): 3,832/3,832	PSAT 10 10th	SAT 11th	Cor.	Growth	PSAT 10 10th	SAT 11th	Cor.	Growth
Mean	481.86	515.60	0.96	33.73	455.14	491.74	0.96	36.60
SD	80.08	84.86		24.91	83.13	95.58		29.35
2023 Fall to 2024 Spring								
Group 9: N (RW/M): 1,005/1,003	PSAT/NMSQT 10th	PSAT 10 10th	Cor.	Growth	PSAT/NMSQT 10th	PSAT 10 10th	Cor.	Growth
Mean	469.30	484.44	0.95	15.14	447.09	457.58	0.97	10.49
SD	84.84	88.42		27.03	81.65	89.32		21.68
Group 10: N (RW/M): 14,216/14,195	PSAT/NMSQT 11th	SAT 11th	Cor.	Growth	PSAT/NMSQT 11th	SAT 11th	Cor.	Growth
Mean	542.67	565.83	0.96	23.16	520.84	543.07	0.96	22.23
SD	79.63	82.98		24.20	81.72	85.24		23.37

2024 Spring to 2024 Fall	Reading and Writing (RW)				Math (M)			
	PSAT 8/9 9th	PSAT/NMSQT 10th	Cor.	Growth	PSAT 8/9 9th	PSAT/NMSQT 10th	Cor.	Growth
Group 12: N (RW/M): 1,025/1,025								
Mean	478.54	485.63	0.96	7.09	454.83	459.82	0.96	4.98
SD	78.32	78.05		21.38	72.59	77.72		20.78
Group 13: N (RW/M): 2,907/2,905	PSAT 10th	PSAT/NMSQT 11th	Cor.	Growth	PSAT 10th	PSAT/NMSQT 11th	Cor.	Growth
Mean	511.27	521.87	0.97	10.60	482.89	500.67	0.97	17.78
SD	72.27	74.43		18.58	74.79	79.94		18.81
Group 14: N (RW/M): 1,536/1,536	PSAT 10th	SAT 11th	Cor.	Growth	PSAT 10th	SAT 11th	Cor.	Growth
Mean	576.90	610.78	0.86	33.88	567.47	606.35	0.90	38.88
SD	75.04	74.78		39.46	80.48	85.14		37.91
Group 15: N (RW/M): 16,820/16,820	SAT 11th	SAT 12th	Cor.	Growth	SAT 11th	SAT 12th	Cor.	Growth
Mean	579.93	594.87	0.92	14.94	569.43	583.55	0.95	14.12
SD	72.70	73.16		28.31	84.14	88.04		28.22

Table 3: PSAT 8/9 9th Fall -to- PSAT/NMSQT 10th Fall Expected Score Range

PSAT 8/9 9th	Reading and Writing Section				Math Section			
	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	0	160	35	160 – 200	0	160	27	160 – 160
130	0	170	35	160 – 210	0	160	27	160 – 170
140	0	180	35	160 – 220	0	160	27	160 – 180
150	0	190	35	160 – 230	0	160	27	160 – 190
160	0	200	35	170 – 240	0	170	27	160 – 200
170	0	210	35	180 – 250	1	180	27	160 – 210
180	0	220	35	190 – 260	0	190	27	170 – 220
190	1	230	35	200 – 270	0	200	27	180 – 230
200	0	240	35	210 – 280	1	210	27	190 – 240
210	2	250	35	220 – 290	0	220	27	200 – 250
220	2	260	35	230 – 300	1	230	27	210 – 260
230	0	270	35	240 – 310	0	240	27	220 – 270
240	4	280	35	250 – 320	3	250	27	230 – 280
250	0	290	35	260 – 330	2	260	27	240 – 290
260	3	300	35	270 – 340	2	270	27	250 – 300
270	3	310	35	280 – 350	4	280	27	260 – 310
280	4	320	35	290 – 360	2	290	27	270 – 320
290	8	330	35	300 – 370	11	300	27	280 – 330
300	13	340	31	310 – 370	4	310	27	290 – 340
310	18	340	28	320 – 370	13	320	27	300 – 350
320	28	350	25	330 – 380	33	330	23	310 – 350
330	49	360	22	340 – 380	44	340	21	320 – 360
340	79	370	20	350 – 390	64	350	18	330 – 360
350	79	380	19	360 – 400	84	360	16	340 – 370
360	65	390	18	370 – 400	111	370	15	350 – 380
370	77	390	17	380 – 410	130	380	14	360 – 390
380	98	400	17	390 – 420	137	390	14	380 – 400
390	110	410	17	400 – 430	161	400	13	390 – 420
400	106	420	17	410 – 440	175	420	13	400 – 430
410	136	430	16	420 – 450	187	430	13	410 – 440
420	155	440	16	430 – 460	201	440	13	430 – 450
430	148	450	16	440 – 470	215	450	13	440 – 460
440	130	460	15	450 – 480	227	460	14	450 – 480
450	169	470	15	460 – 490	180	470	14	460 – 490
460	175	480	15	470 – 500	167	480	14	470 – 500
470	179	490	15	480 – 510	126	490	14	480 – 510
480	178	500	15	490 – 520	102	510	14	490 – 520
490	165	510	15	500 – 530	80	520	15	500 – 530
500	139	520	15	510 – 540	52	530	15	510 – 540
510	101	530	16	520 – 550	42	540	16	520 – 550
520	86	540	17	530 – 560	45	550	16	530 – 560
530	55	550	17	540 – 570	26	560	17	540 – 570
540	41	560	18	540 – 580	16	570	18	550 – 590
550	31	570	20	550 – 590	18	580	20	560 – 600
560	27	580	21	560 – 600	20	590	22	570 – 610
570	16	590	22	570 – 610	4	600	22	580 – 620
580	18	600	24	570 – 620	13	610	22	590 – 630
590	10	610	25	580 – 630	10	620	22	600 – 640
600	13	610	27	590 – 640	11	630	22	610 – 650
610	10	620	28	590 – 650	7	640	22	620 – 660
620	6	630	30	600 – 660	4	650	22	630 – 670
630	7	640	31	610 – 670	3	660	22	640 – 680
640	4	650	31	620 – 680	3	670	22	650 – 690
650	1	660	31	630 – 690	1	680	22	660 – 700
660	1	670	31	640 – 700	1	690	22	670 – 710
670	1	680	31	650 – 710	2	700	22	680 – 720
680	2	690	31	660 – 720	1	710	22	690 – 730
690	0	700	31	670 – 730	1	720	22	700 – 740
700	0	710	31	680 – 740	2	730	22	710 – 750
710	0	720	31	690 – 750	0	740	22	720 – 760
720	1	730	31	700 – 760	1	750	22	730 – 760

Table 4: PSAT/NMSQT 10th Fall -to- PSAT/NMSQT 11th Fall Expected Score Range

PSAT/NMSQT 10th	Reading and Writing Section				Math Section			
	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	0	210	65	160 – 280	0	190	36	160 – 220
170	0	220	65	160 – 290	0	200	36	160 – 230
180	1	230	65	170 – 300	1	210	36	170 – 240
190	0	240	65	180 – 310	0	220	36	180 – 250
200	0	250	65	190 – 320	0	230	36	190 – 260
210	1	260	65	200 – 330	1	240	36	200 – 270
220	2	270	65	210 – 340	2	250	36	210 – 280
230	0	280	65	220 – 350	0	260	36	220 – 290
240	1	290	65	230 – 360	1	270	36	230 – 300
250	1	300	65	240 – 370	1	280	36	240 – 310
260	0	310	65	250 – 380	3	290	36	250 – 320
270	4	320	65	260 – 390	7	300	36	260 – 330
280	9	330	65	270 – 400	6	310	36	270 – 340
290	7	340	60	280 – 400	4	320	36	280 – 350
300	7	340	55	290 – 400	14	330	36	290 – 360
310	11	350	50	300 – 400	15	330	32	300 – 360
320	15	350	45	310 – 400	27	340	29	310 – 370
330	23	360	41	320 – 400	44	350	26	320 – 370
340	54	370	37	330 – 400	68	350	24	330 – 380
350	80	380	34	340 – 410	88	360	21	340 – 380
360	92	380	30	350 – 410	135	370	20	350 – 390
370	120	390	28	370 – 420	168	380	18	360 – 400
380	140	400	26	380 – 430	201	390	17	370 – 410
390	151	410	24	390 – 440	245	400	17	390 – 420
400	189	420	23	400 – 440	281	410	16	400 – 430
410	213	430	21	410 – 450	339	420	16	410 – 440
420	219	440	21	420 – 460	359	440	16	420 – 450
430	284	450	20	430 – 470	488	450	16	430 – 470
440	306	460	20	440 – 480	512	460	17	440 – 480
450	377	470	20	450 – 490	558	470	17	460 – 490
460	412	480	19	470 – 500	592	490	18	470 – 500
470	412	500	19	480 – 510	666	500	18	480 – 520
480	538	510	19	490 – 530	729	510	19	490 – 530
490	563	520	19	500 – 540	676	520	19	500 – 540
500	570	530	19	510 – 550	722	530	20	510 – 550
510	673	540	18	520 – 560	680	550	21	530 – 570
520	719	550	18	530 – 570	561	560	21	540 – 580
530	655	560	18	540 – 580	541	570	22	550 – 590
540	670	570	18	550 – 590	486	580	22	560 – 600
550	605	580	19	560 – 600	433	590	23	570 – 610
560	578	590	19	570 – 610	385	600	24	580 – 620
570	497	600	20	580 – 620	316	610	25	590 – 640
580	444	610	21	590 – 630	252	620	26	600 – 650
590	407	620	22	600 – 640	190	630	27	600 – 660
600	353	630	23	600 – 650	175	640	28	610 – 670
610	321	640	24	610 – 660	143	650	29	620 – 680
620	224	650	25	620 – 670	120	660	30	630 – 690
630	168	650	26	630 – 680	87	670	31	640 – 700
640	120	660	27	630 – 690	66	680	33	640 – 710
650	87	670	29	640 – 700	50	690	34	650 – 720
660	77	680	30	650 – 710	31	690	36	660 – 730
670	70	680	30	650 – 720	34	700	38	660 – 740
680	43	690	31	660 – 720	25	710	39	670 – 750
690	37	700	32	670 – 730	19	710	40	670 – 750
700	15	700	32	670 – 740	17	720	41	680 – 760
710	13	710	33	680 – 740	10	720	42	680 – 760
720	16	710	33	680 – 750	10	730	41	690 – 760
730	13	720	32	680 – 750	4	740	41	700 – 760
740	6	720	32	690 – 750	4	750	41	710 – 760
750	5	720	32	690 – 750	2	760	41	720 – 760
760	11	720	32	690 – 760	22	760	41	730 – 760

Table 5: PSAT/NMSQT 11th Fall -to- SAT 12th Fall Expected Score Range

PSAT/NMSQT 11th	Reading and Writing Section				Math Section			
	N	SAT 12th Mean	SAT 12th SD	SAT 12th Lower-Upper	N	SAT 12th Mean	SAT 12th SD	SAT 12th Lower-Upper
160	0	220	65	200 – 290	0	200	66	200 – 270
170	0	230	65	200 – 300	0	210	66	200 – 280
180	0	240	65	200 – 310	0	220	66	200 – 290
190	0	250	65	200 – 320	0	230	66	200 – 300
200	0	260	65	200 – 330	0	240	66	200 – 310
210	0	270	65	210 – 340	0	250	66	200 – 320
220	0	280	65	220 – 350	0	260	66	200 – 330
230	1	290	65	230 – 360	0	270	66	200 – 340
240	0	300	65	240 – 370	0	280	66	210 – 350
250	0	310	65	250 – 380	0	290	66	220 – 360
260	5	320	65	260 – 390	1	300	66	230 – 370
270	3	330	65	270 – 400	0	310	66	240 – 380
280	4	340	65	280 – 410	2	320	66	250 – 390
290	3	350	65	290 – 420	6	330	66	260 – 400
300	3	360	65	300 – 430	9	330	55	280 – 390
310	8	370	65	310 – 440	6	330	47	290 – 380
320	9	370	61	310 – 440	7	340	40	300 – 380
330	9	380	57	320 – 440	18	350	35	310 – 380
340	12	390	53	330 – 440	25	350	31	320 – 380
350	27	390	50	340 – 440	40	360	29	330 – 390
360	39	400	47	350 – 450	46	370	27	350 – 400
370	58	410	44	360 – 450	55	380	26	360 – 410
380	63	420	41	380 – 460	82	390	25	370 – 420
390	77	430	39	390 – 460	129	410	25	380 – 430
400	80	440	37	400 – 470	136	420	25	390 – 440
410	111	450	35	410 – 480	179	430	26	400 – 460
420	148	460	33	420 – 490	198	440	26	420 – 470
430	129	470	32	430 – 500	262	460	27	430 – 480
440	147	480	32	440 – 510	279	470	27	440 – 490
450	186	490	31	450 – 520	342	480	28	450 – 510
460	232	500	30	470 – 530	367	490	28	460 – 520
470	249	510	30	480 – 540	517	500	27	470 – 530
480	291	520	29	490 – 550	524	510	27	490 – 540
490	391	530	29	500 – 560	643	520	27	500 – 550
500	458	540	28	510 – 560	740	530	26	510 – 560
510	536	550	27	520 – 570	786	550	26	520 – 570
520	654	560	26	530 – 580	818	560	26	530 – 580
530	821	570	25	540 – 590	878	570	26	540 – 590
540	834	580	24	550 – 600	831	580	26	550 – 600
550	1,008	590	24	560 – 610	808	590	26	560 – 610
560	987	600	23	570 – 620	756	600	26	570 – 620
570	902	610	23	580 – 630	699	610	27	580 – 630
580	884	620	23	590 – 640	633	620	27	590 – 640
590	745	630	24	600 – 650	498	630	28	600 – 650
600	723	640	24	610 – 660	473	640	29	610 – 670
610	562	640	25	620 – 670	382	650	30	620 – 680
620	513	650	26	630 – 680	340	650	31	620 – 690
630	453	660	27	640 – 690	250	660	32	630 – 700
640	365	670	28	640 – 700	238	670	33	640 – 700
650	245	680	29	650 – 710	154	680	34	640 – 710
660	225	690	30	660 – 720	139	690	35	650 – 720
670	187	700	31	660 – 730	110	690	36	660 – 730
680	117	700	32	670 – 730	86	700	36	660 – 740
690	97	710	33	680 – 740	79	710	37	670 – 740
700	70	720	33	680 – 750	67	710	37	680 – 750
710	49	720	32	690 – 750	44	720	37	680 – 760
720	29	730	32	700 – 760	29	720	38	690 – 760
730	30	730	30	700 – 760	15	730	38	690 – 770
740	22	740	28	710 – 770	13	730	38	700 – 770
750	11	750	25	720 – 770	21	740	38	700 – 780
760	28	750	23	730 – 770	71	750	39	710 – 780

Table 6: PSAT 8/9 9th Spring -to- PSAT 10 10th Spring Expected Score Range

PSAT 8/9 9th	Reading and Writing Section				Math Section			
	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	0	160	60	160 – 210	0	160	34	160 – 170
130	1	160	60	160 – 220	0	160	34	160 – 180
140	0	170	60	160 – 230	0	160	34	160 – 190
150	0	180	60	160 – 240	0	170	34	160 – 200
160	0	190	60	160 – 250	0	180	34	160 – 210
170	0	200	60	160 – 260	0	190	34	160 – 220
180	0	210	60	160 – 270	0	200	34	160 – 230
190	0	220	60	160 – 280	1	210	34	170 – 240
200	0	230	60	170 – 290	1	220	34	180 – 250
210	0	240	60	180 – 300	3	230	34	190 – 260
220	2	250	60	190 – 310	0	240	34	200 – 270
230	0	260	60	200 – 320	3	250	34	210 – 280
240	4	270	60	210 – 330	2	260	34	220 – 290
250	2	280	60	220 – 340	5	270	34	230 – 300
260	0	290	60	230 – 350	3	280	34	240 – 310
270	2	300	60	240 – 360	2	290	34	250 – 320
280	1	310	60	250 – 370	4	300	34	260 – 330
290	8	320	60	260 – 380	10	310	34	270 – 340
300	9	320	55	270 – 380	18	310	31	280 – 340
310	15	330	50	280 – 380	16	320	28	290 – 350
320	26	340	45	290 – 380	26	330	26	300 – 350
330	16	350	40	310 – 390	44	330	25	310 – 360
340	26	350	36	320 – 390	57	340	23	320 – 370
350	41	360	32	330 – 400	62	360	22	330 – 380
360	45	370	30	340 – 400	75	370	21	350 – 390
370	53	380	28	350 – 410	104	380	20	360 – 400
380	99	390	27	370 – 420	112	390	19	370 – 410
390	86	400	25	380 – 430	117	400	18	380 – 420
400	92	410	24	390 – 440	141	410	16	400 – 430
410	119	420	22	400 – 440	163	420	15	410 – 440
420	127	430	20	410 – 450	171	430	14	420 – 450
430	159	440	18	430 – 460	154	440	13	430 – 460
440	177	450	16	440 – 470	138	450	13	440 – 470
450	157	460	15	450 – 480	126	470	13	450 – 480
460	142	470	15	460 – 490	115	480	15	460 – 490
470	120	480	15	470 – 500	87	490	16	470 – 500
480	100	490	16	480 – 510	91	500	19	480 – 520
490	96	500	18	490 – 520	67	510	21	490 – 530
500	75	510	20	490 – 530	61	520	23	500 – 540
510	74	520	23	500 – 550	43	530	25	510 – 560
520	69	530	26	510 – 560	19	540	27	520 – 570
530	38	540	28	520 – 570	15	550	28	530 – 580
540	33	550	30	520 – 580	10	570	29	540 – 590
550	25	560	31	530 – 590	16	580	30	550 – 610
560	24	570	31	540 – 600	6	590	31	560 – 620
570	17	580	32	550 – 620	8	600	32	570 – 630
580	13	590	32	560 – 630	5	610	32	580 – 640
590	15	600	33	570 – 640	4	620	32	590 – 650
600	3	610	33	580 – 650	3	630	32	600 – 660
610	6	620	33	590 – 660	2	640	32	610 – 670
620	5	630	33	600 – 670	2	650	32	620 – 680
630	1	640	33	610 – 680	1	660	32	630 – 690
640	1	650	33	620 – 690	3	670	32	640 – 700
650	0	660	33	630 – 700	0	680	32	650 – 710
660	2	670	33	640 – 710	2	690	32	660 – 720
670	1	680	33	650 – 720	4	700	32	670 – 730
680	1	690	33	660 – 730	0	710	32	680 – 740
690	2	700	33	670 – 740	0	720	32	690 – 750
700	1	710	33	680 – 750	0	730	32	700 – 760
710	1	720	33	690 – 760	0	740	32	710 – 760
720	1	730	33	700 – 760	0	750	32	720 – 760

Table 7: PSAT 10 10th Spring -to- SAT 11th Spring Expected Score Range

PSAT 10 10th	Reading and Writing Section				Math Section			
	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper
160	0	200	45	200 – 250	0	210	49	200 – 260
170	1	210	45	200 – 260	2	220	49	200 – 270
180	1	220	45	200 – 270	0	230	49	200 – 280
190	0	230	45	200 – 280	0	240	49	200 – 290
200	0	240	45	200 – 290	1	250	49	210 – 300
210	1	250	45	210 – 300	3	260	49	220 – 310
220	2	260	45	220 – 310	2	270	49	230 – 320
230	1	270	45	230 – 320	0	280	49	240 – 330
240	4	280	45	240 – 330	0	290	49	250 – 340
250	3	290	45	250 – 340	4	300	49	260 – 350
260	1	300	45	260 – 350	9	310	49	270 – 360
270	2	310	45	270 – 360	6	320	47	270 – 370
280	3	320	45	280 – 370	13	320	44	280 – 370
290	7	330	45	290 – 380	11	330	41	290 – 370
300	3	340	45	300 – 390	18	330	39	290 – 370
310	15	350	45	310 – 400	29	340	36	300 – 380
320	17	360	42	320 – 400	32	350	33	310 – 380
330	28	370	38	330 – 410	44	350	31	320 – 380
340	37	370	35	340 – 410	68	360	29	330 – 390
350	43	380	31	350 – 410	94	370	27	340 – 400
360	63	390	29	360 – 420	107	380	25	350 – 400
370	81	400	26	370 – 430	121	390	24	370 – 410
380	92	410	24	380 – 430	153	400	23	380 – 420
390	98	420	22	400 – 440	150	410	22	390 – 430
400	108	430	21	410 – 450	189	420	22	400 – 450
410	141	440	20	420 – 460	198	440	22	410 – 460
420	171	450	19	430 – 470	218	450	22	430 – 470
430	174	460	19	440 – 480	212	460	22	440 – 480
440	180	470	19	450 – 490	225	470	22	450 – 500
450	183	480	19	460 – 500	222	490	23	460 – 510
460	216	490	20	470 – 510	158	500	23	480 – 520
470	212	500	21	480 – 520	156	510	24	490 – 540
480	184	510	21	490 – 540	149	520	25	500 – 550
490	175	520	22	500 – 550	133	540	26	510 – 560
500	164	540	23	510 – 560	135	550	26	520 – 570
510	167	550	24	520 – 570	101	560	27	530 – 590
520	142	560	24	530 – 580	98	570	28	540 – 600
530	145	570	25	540 – 590	111	580	28	550 – 610
540	122	580	25	550 – 600	85	590	28	560 – 620
550	115	590	24	560 – 610	80	600	28	580 – 630
560	104	600	24	570 – 620	69	610	29	590 – 640
570	104	610	24	580 – 630	56	620	29	600 – 650
580	80	620	24	590 – 640	71	640	29	610 – 660
590	97	630	25	600 – 650	57	640	29	620 – 670
600	80	640	25	610 – 660	43	650	29	630 – 680
610	63	650	26	620 – 670	48	660	30	630 – 690
620	41	660	27	630 – 680	28	670	31	640 – 700
630	37	660	29	640 – 690	24	680	32	650 – 710
640	30	670	30	640 – 700	19	690	33	660 – 720
650	30	680	32	650 – 710	15	700	34	660 – 730
660	13	690	33	660 – 720	14	700	36	670 – 740
670	14	700	34	660 – 730	6	710	38	670 – 750
680	6	700	34	670 – 740	7	720	40	680 – 760
690	8	710	34	680 – 740	9	720	42	680 – 760
700	8	720	34	680 – 750	6	730	44	680 – 770
710	7	720	33	690 – 760	5	730	47	680 – 780
720	1	730	33	700 – 770	1	740	47	690 – 790
730	4	740	33	710 – 780	3	750	47	700 – 800
740	1	750	33	720 – 790	4	760	47	710 – 800
750	0	760	33	730 – 800	2	770	47	720 – 800
760	0	770	33	740 – 800	2	780	47	730 – 800

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

PSAT/NMSQT 10th	Reading and Writing Section				Math Section			
	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	0	170	42	160 – 210	0	170	33	160 – 200
170	0	180	42	160 – 220	0	180	33	160 – 210
180	0	190	42	160 – 230	0	190	33	160 – 220
190	0	200	42	160 – 240	0	200	33	160 – 230
200	2	210	42	170 – 250	0	210	33	170 – 240
210	0	220	42	180 – 260	1	220	33	180 – 250
220	0	230	42	190 – 270	0	230	33	190 – 260
230	1	240	42	200 – 280	2	240	33	200 – 270
240	0	250	42	210 – 290	2	250	33	210 – 280
250	0	260	42	220 – 300	1	260	33	220 – 290
260	1	270	42	230 – 310	1	270	33	230 – 300
270	2	280	42	240 – 320	4	280	33	240 – 310
280	1	290	42	250 – 330	0	290	33	250 – 320
290	4	300	42	260 – 340	0	300	33	260 – 330
300	0	310	42	270 – 350	3	310	33	270 – 340
310	5	320	42	280 – 360	10	320	33	280 – 350
320	9	330	37	290 – 370	9	320	28	300 – 350
330	12	340	32	310 – 370	17	330	23	310 – 360
340	15	350	28	320 – 380	23	340	19	320 – 360
350	22	360	25	330 – 380	35	350	16	340 – 370
360	26	370	22	350 – 390	38	360	13	350 – 380
370	39	380	20	360 – 400	54	370	12	360 – 380
380	35	390	18	370 – 410	44	380	11	370 – 390
390	47	400	17	380 – 420	51	390	11	380 – 410
400	36	410	17	400 – 430	43	400	12	390 – 420
410	27	420	17	410 – 440	36	420	13	400 – 430
420	39	430	17	420 – 450	51	430	14	410 – 440
430	42	440	18	430 – 460	47	440	16	420 – 450
440	58	460	18	440 – 470	43	450	17	430 – 470
450	42	470	19	450 – 490	42	460	18	440 – 480
460	30	480	19	460 – 500	48	470	19	450 – 490
470	41	490	20	470 – 510	35	480	19	460 – 500
480	35	500	20	480 – 520	46	490	20	470 – 510
490	34	510	20	490 – 530	49	500	20	480 – 520
500	46	520	20	500 – 540	44	510	21	490 – 540
510	37	530	21	510 – 550	28	530	21	500 – 550
520	42	540	21	520 – 560	35	540	21	520 – 560
530	40	550	22	530 – 570	21	550	22	530 – 570
540	38	560	22	530 – 580	23	560	23	540 – 580
550	43	570	23	540 – 590	25	570	23	550 – 590
560	21	580	24	550 – 600	20	580	24	560 – 610
570	21	590	24	560 – 610	9	590	25	570 – 620
580	19	590	25	570 – 620	10	600	26	580 – 630
590	17	600	26	580 – 630	6	620	27	590 – 640
600	20	610	27	590 – 640	8	630	27	600 – 650
610	13	620	28	600 – 650	3	640	27	610 – 660
620	9	630	29	600 – 660	7	650	27	620 – 670
630	6	640	30	610 – 670	9	660	27	630 – 680
640	3	650	30	620 – 680	3	670	27	640 – 690
650	7	660	30	630 – 690	3	680	27	650 – 700
660	4	670	30	640 – 700	2	690	27	660 – 710
670	5	680	30	650 – 710	2	700	27	670 – 720
680	1	690	30	660 – 720	3	710	27	680 – 730
690	3	700	30	670 – 730	1	720	27	690 – 740
700	1	710	30	680 – 740	0	730	27	700 – 750
710	0	720	30	690 – 750	1	740	27	710 – 760
720	0	730	30	700 – 760	0	750	27	720 – 760
730	2	740	30	710 – 760	0	760	27	730 – 760
740	0	750	30	720 – 760	0	760	27	740 – 760
750	0	760	30	730 – 760	0	760	27	750 – 760
760	1	760	30	740 – 760	4	760	27	760 – 760

Table 9: PSAT/NMSQT 11th Fall -to- SAT 11th Spring Expected Score Range

PSAT/NMSQT 11th	Reading and Writing Section				Math Section			
	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper
160	0	200	58	200 – 260	0	200	36	200 – 230
170	0	210	58	200 – 270	0	200	36	200 – 240
180	0	220	58	200 – 280	0	210	36	200 – 250
190	1	230	58	200 – 290	0	220	36	200 – 260
200	3	240	58	200 – 300	0	230	36	200 – 270
210	0	250	58	200 – 310	0	240	36	210 – 280
220	1	260	58	200 – 320	0	250	36	220 – 290
230	0	270	58	210 – 330	5	260	36	230 – 300
240	0	280	58	220 – 340	1	270	36	240 – 310
250	3	290	58	230 – 350	1	280	36	250 – 320
260	4	300	58	240 – 360	1	290	36	260 – 330
270	3	310	58	250 – 370	7	300	36	270 – 340
280	5	320	58	260 – 380	3	310	36	280 – 350
290	3	330	58	270 – 390	5	320	36	290 – 360
300	6	340	58	280 – 400	7	330	32	300 – 360
310	14	350	54	290 – 400	14	340	29	310 – 370
320	17	350	50	300 – 400	23	340	27	320 – 370
330	26	360	46	310 – 400	36	350	24	330 – 370
340	38	360	42	320 – 410	59	360	22	340 – 380
350	58	370	38	330 – 410	76	370	21	350 – 390
360	55	380	35	340 – 420	117	380	20	360 – 400
370	107	390	32	360 – 420	140	390	19	370 – 400
380	124	400	30	370 – 430	201	390	18	380 – 410
390	140	410	27	380 – 440	218	400	18	390 – 420
400	172	420	25	390 – 440	248	420	17	400 – 430
410	186	430	24	400 – 450	284	430	17	410 – 440
420	229	440	23	420 – 460	311	440	17	420 – 450
430	236	450	22	430 – 470	363	450	18	430 – 460
440	300	460	22	440 – 480	380	460	18	440 – 480
450	338	470	21	450 – 490	446	470	18	450 – 490
460	367	480	21	460 – 500	482	480	19	460 – 500
470	382	490	21	470 – 510	493	490	19	470 – 510
480	388	500	21	480 – 520	612	500	19	480 – 520
490	406	510	21	490 – 530	668	510	20	490 – 530
500	473	520	21	500 – 540	692	520	20	500 – 540
510	557	530	21	510 – 550	684	540	20	510 – 560
520	606	540	21	520 – 560	780	550	20	530 – 570
530	708	550	20	530 – 570	760	560	21	540 – 580
540	734	560	20	540 – 580	748	570	21	550 – 590
550	827	570	20	550 – 590	698	580	21	550 – 600
560	843	580	20	560 – 600	644	590	21	560 – 610
570	814	590	20	570 – 620	593	600	22	570 – 620
580	748	600	21	580 – 630	491	610	23	580 – 630
590	664	610	21	590 – 640	428	620	24	590 – 640
600	606	620	21	600 – 650	381	630	25	600 – 650
610	551	630	22	610 – 660	354	640	26	610 – 660
620	461	640	23	620 – 670	311	640	28	620 – 670
630	427	650	24	630 – 680	262	650	29	630 – 680
640	325	660	25	640 – 690	210	660	30	630 – 690
650	274	670	26	650 – 700	182	670	31	640 – 700
660	244	680	27	650 – 710	160	680	32	650 – 710
670	187	690	28	660 – 720	123	690	33	660 – 720
680	151	700	29	670 – 730	94	700	33	660 – 730
690	126	710	30	680 – 740	97	700	33	670 – 740
700	78	710	31	680 – 750	52	710	34	680 – 740
710	50	720	31	690 – 750	55	710	34	680 – 750
720	45	730	32	700 – 760	39	720	35	680 – 760
730	28	740	32	700 – 770	38	720	37	690 – 760
740	16	740	31	710 – 770	17	730	39	690 – 770
750	20	750	30	720 – 780	17	730	42	690 – 770
760	36	750	29	720 – 780	80	730	45	690 – 780

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

PSAT 8/9 9th	Reading and Writing Section				Math Section			
	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	0	160	33	160 – 160	0	160	30	160 – 160
130	0	160	33	160 – 170	0	160	30	160 – 160
140	0	160	33	160 – 180	0	160	30	160 – 170
150	0	160	33	160 – 190	0	160	30	160 – 180
160	0	170	33	160 – 200	0	160	30	160 – 190
170	0	180	33	160 – 210	0	170	30	160 – 200
180	0	190	33	160 – 220	0	180	30	160 – 210
190	0	200	33	170 – 230	0	190	30	160 – 220
200	0	210	33	180 – 240	1	200	30	170 – 230
210	0	220	33	190 – 250	1	210	30	180 – 240
220	0	230	33	200 – 260	0	220	30	190 – 250
230	0	240	33	210 – 270	0	230	30	200 – 260
240	0	250	33	220 – 280	0	240	30	210 – 270
250	4	260	33	230 – 290	2	250	30	220 – 280
260	0	270	33	240 – 300	1	260	30	230 – 290
270	2	280	33	250 – 310	2	270	30	240 – 300
280	0	290	33	260 – 320	0	280	30	250 – 310
290	0	300	33	270 – 330	3	290	30	260 – 320
300	1	310	33	280 – 340	3	300	30	270 – 330
310	7	320	33	290 – 350	4	310	30	280 – 340
320	5	330	29	300 – 360	9	320	30	290 – 350
330	13	340	26	310 – 360	7	330	28	300 – 360
340	15	350	23	320 – 370	21	340	26	310 – 360
350	9	360	22	340 – 380	20	350	25	320 – 370
360	26	370	21	350 – 390	30	360	23	340 – 380
370	23	380	20	360 – 400	50	370	22	350 – 390
380	32	390	20	370 – 410	31	380	20	360 – 400
390	26	400	19	380 – 420	37	390	18	370 – 410
400	38	410	18	390 – 430	32	400	17	390 – 420
410	35	420	18	400 – 440	40	410	16	400 – 430
420	23	430	17	410 – 450	52	420	15	410 – 440
430	32	440	16	420 – 450	58	430	15	420 – 450
440	45	450	16	430 – 460	66	450	16	430 – 460
450	48	460	16	440 – 470	54	460	16	440 – 470
460	48	470	16	450 – 480	53	470	17	450 – 480
470	42	480	16	460 – 490	47	480	17	460 – 490
480	55	490	16	470 – 500	59	490	18	470 – 510
490	51	500	16	480 – 520	51	500	19	480 – 520
500	47	510	16	490 – 530	49	510	19	490 – 530
510	57	520	17	500 – 540	42	520	19	500 – 540
520	51	530	18	510 – 550	28	530	20	510 – 550
530	45	540	19	520 – 560	30	540	20	520 – 560
540	41	550	20	530 – 570	29	550	21	530 – 570
550	33	560	21	540 – 580	31	560	22	540 – 580
560	36	570	22	540 – 590	23	570	23	540 – 590
570	28	570	24	550 – 600	14	580	25	550 – 600
580	23	580	25	560 – 610	7	590	27	560 – 610
590	25	590	26	560 – 620	9	590	30	560 – 620
600	13	600	27	570 – 630	6	600	33	570 – 630
610	16	610	29	580 – 630	6	610	35	580 – 650
620	8	610	30	580 – 640	5	620	38	580 – 660
630	1	620	30	590 – 650	3	630	38	590 – 670
640	4	630	30	600 – 660	1	640	38	600 – 680
650	4	640	30	610 – 670	1	650	38	610 – 690
660	5	650	30	620 – 680	1	660	38	620 – 700
670	1	660	30	630 – 690	0	670	38	630 – 710
680	0	670	30	640 – 700	2	680	38	640 – 720
690	2	680	30	650 – 710	0	690	38	650 – 730
700	0	690	30	660 – 720	0	700	38	660 – 740
710	1	700	30	670 – 730	1	710	38	670 – 750
720	4	710	30	680 – 740	3	720	38	680 – 760

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

PSAT 10 10th	Reading and Writing Section				Math Section			
	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	0	180	30	160 – 210	0	160	50	160 – 210
170	1	190	30	160 – 220	0	170	50	160 – 220
180	0	200	30	170 – 230	0	180	50	160 – 230
190	0	210	30	180 – 240	0	190	50	160 – 240
200	0	220	30	190 – 250	0	200	50	160 – 250
210	0	230	30	200 – 260	0	210	50	160 – 260
220	0	240	30	210 – 270	0	220	50	170 – 270
230	0	250	30	220 – 280	0	230	50	180 – 280
240	1	260	30	230 – 290	1	240	50	190 – 290
250	0	270	30	240 – 300	0	250	50	200 – 300
260	0	280	30	250 – 310	0	260	50	210 – 310
270	1	290	30	260 – 320	1	270	50	220 – 320
280	1	300	30	270 – 330	4	280	50	230 – 330
290	1	310	30	280 – 340	6	290	50	240 – 340
300	4	320	30	290 – 350	7	310	41	260 – 350
310	4	330	30	300 – 360	8	320	34	280 – 350
320	6	340	30	310 – 370	10	330	29	300 – 360
330	10	340	27	320 – 370	18	340	25	310 – 360
340	12	350	25	330 – 380	21	350	22	330 – 370
350	24	360	23	340 – 390	27	360	20	340 – 380
360	27	370	22	350 – 390	47	370	19	350 – 390
370	26	380	20	360 – 400	41	380	18	360 – 400
380	26	390	19	370 – 410	67	390	17	380 – 410
390	44	400	19	380 – 420	64	400	17	390 – 420
400	36	410	18	390 – 430	90	410	16	400 – 430
410	54	420	18	400 – 440	84	420	16	410 – 440
420	64	430	18	410 – 450	125	430	15	420 – 450
430	72	440	18	420 – 460	126	450	15	430 – 460
440	80	450	18	430 – 470	133	460	15	440 – 470
450	93	460	17	440 – 480	171	470	15	450 – 480
460	112	470	17	450 – 490	164	480	15	460 – 490
470	137	480	17	460 – 500	159	490	15	470 – 500
480	157	490	17	470 – 510	158	500	15	480 – 510
490	122	500	17	480 – 520	144	510	15	490 – 520
500	164	510	16	490 – 530	172	520	15	500 – 540
510	176	520	16	500 – 540	127	530	16	510 – 550
520	166	530	16	520 – 550	134	540	16	520 – 560
530	195	540	16	530 – 560	135	550	17	530 – 570
540	162	550	16	540 – 570	106	560	17	540 – 580
550	151	560	16	550 – 580	101	570	18	550 – 590
560	119	570	17	550 – 590	70	580	19	560 – 600
570	137	580	17	560 – 600	76	590	20	570 – 610
580	107	590	19	570 – 610	64	600	21	580 – 620
590	93	600	20	580 – 620	52	610	23	590 – 630
600	78	610	21	590 – 630	35	620	24	600 – 650
610	56	620	22	600 – 640	29	630	26	610 – 660
620	48	630	24	610 – 650	21	640	27	610 – 670
630	40	640	24	620 – 670	26	650	29	620 – 680
640	22	650	25	630 – 680	15	660	31	630 – 690
650	17	660	26	630 – 690	15	670	32	640 – 700
660	10	670	27	640 – 700	12	680	34	650 – 710
670	8	680	27	650 – 710	9	690	36	650 – 720
680	21	690	28	660 – 720	3	700	36	660 – 730
690	5	700	28	670 – 730	2	710	36	670 – 740
700	3	710	28	680 – 740	3	720	36	680 – 750
710	6	720	28	690 – 750	6	730	36	690 – 760
720	1	730	28	700 – 760	4	740	36	700 – 760
730	1	740	28	710 – 760	2	750	36	710 – 760
740	1	750	28	720 – 760	1	760	36	720 – 760
750	0	760	28	730 – 760	4	760	36	730 – 760
760	5	760	28	740 – 760	5	760	36	740 – 760

Table 12: PSAT 10 10th Spring -to- SAT 11th Fall Expected Score Range

PSAT 10 10th	Reading and Writing Section				Math Section			
	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper	N	SAT 11th Mean	SAT 11th SD	SAT 11th Lower-Upper
160	0	200	48	200 – 250	0	200	33	200 – 220
170	1	210	48	200 – 260	0	200	33	200 – 230
180	0	220	48	200 – 270	0	210	33	200 – 240
190	0	230	48	200 – 280	0	220	33	200 – 250
200	0	240	48	200 – 290	0	230	33	200 – 260
210	0	250	48	200 – 300	0	240	33	200 – 270
220	0	260	48	210 – 310	0	250	33	210 – 280
230	0	270	48	220 – 320	1	260	33	220 – 290
240	0	280	48	230 – 330	0	270	33	230 – 300
250	0	290	48	240 – 340	0	280	33	240 – 310
260	1	300	48	250 – 350	0	290	33	250 – 320
270	0	310	48	260 – 360	0	300	33	260 – 330
280	0	320	48	270 – 370	0	310	33	270 – 340
290	1	330	48	280 – 380	3	320	33	280 – 350
300	1	340	48	290 – 390	1	330	33	290 – 360
310	0	350	48	300 – 400	0	340	33	300 – 370
320	0	360	48	310 – 410	0	350	33	310 – 380
330	1	370	48	320 – 420	2	360	33	320 – 390
340	3	380	48	330 – 430	1	370	33	330 – 400
350	2	390	48	340 – 440	0	380	33	340 – 410
360	7	400	48	350 – 450	4	390	33	350 – 420
370	2	410	48	360 – 460	4	400	33	360 – 430
380	4	420	48	370 – 470	7	410	33	370 – 440
390	4	430	48	380 – 480	9	420	35	390 – 450
400	6	440	48	390 – 490	14	430	37	400 – 470
410	13	450	51	400 – 510	12	450	40	410 – 490
420	7	470	53	410 – 520	15	460	42	420 – 500
430	15	480	54	420 – 530	23	470	45	430 – 520
440	12	490	56	430 – 540	22	480	46	440 – 530
450	23	500	56	440 – 560	32	490	48	450 – 540
460	19	510	56	450 – 570	28	510	48	460 – 550
470	18	520	55	460 – 570	41	520	48	470 – 560
480	25	530	53	470 – 580	33	530	47	480 – 570
490	33	540	50	490 – 590	43	540	46	490 – 580
500	27	540	47	500 – 590	35	540	44	500 – 590
510	48	550	44	510 – 600	44	550	42	510 – 600
520	45	560	41	520 – 600	45	560	41	520 – 600
530	57	570	38	530 – 610	56	570	39	530 – 610
540	46	580	36	540 – 610	63	580	38	540 – 620
550	71	590	34	550 – 620	67	590	37	550 – 630
560	82	600	32	560 – 630	61	600	36	570 – 640
570	84	610	31	580 – 640	75	610	35	580 – 650
580	78	620	30	590 – 650	88	620	34	590 – 660
590	103	630	30	600 – 660	84	630	33	600 – 670
600	112	630	30	600 – 660	82	640	32	610 – 670
610	95	640	30	610 – 670	83	650	32	620 – 680
620	101	650	31	620 – 680	75	660	31	630 – 690
630	64	660	32	630 – 690	71	670	30	640 – 700
640	75	670	32	630 – 700	80	680	30	650 – 710
650	53	670	32	640 – 710	56	680	30	650 – 720
660	48	680	32	650 – 710	40	690	31	660 – 720
670	46	690	31	660 – 720	28	700	32	670 – 730
680	28	700	31	670 – 730	24	710	33	670 – 740
690	29	710	31	680 – 740	22	710	35	680 – 750
700	12	710	31	680 – 740	16	720	37	680 – 760
710	10	720	31	690 – 750	15	730	38	690 – 770
720	4	730	31	700 – 760	9	730	39	690 – 770
730	9	740	31	710 – 770	4	740	39	700 – 780
740	3	750	31	720 – 780	6	750	39	710 – 790
750	0	760	31	730 – 790	4	760	39	720 – 800
760	6	770	31	740 – 800	7	770	39	730 – 800

Table 13: SAT 11th Spring -to- SAT 12th Fall Expected Score Range

SAT 11th	Reading and Writing Section				Math Section			
	N	SAT 12th Mean	SAT 12th SD	SAT 12th Lower-Upper	N	SAT 12th Mean	SAT 12th SD	SAT 12th Lower-Upper
200	0	250	59	200 – 310	0	210	47	200 – 260
210	0	260	59	200 – 320	0	220	47	200 – 270
220	0	270	59	210 – 330	0	230	47	200 – 280
230	2	280	59	220 – 340	0	240	47	200 – 290
240	0	290	59	230 – 350	1	250	47	210 – 300
250	0	300	59	240 – 360	2	260	47	220 – 310
260	0	310	59	250 – 370	0	270	47	230 – 320
270	1	320	59	260 – 380	0	280	47	240 – 330
280	0	330	59	270 – 390	1	290	47	250 – 340
290	2	340	59	280 – 400	1	300	47	260 – 350
300	4	350	59	290 – 410	1	310	47	270 – 360
310	2	360	59	300 – 420	5	320	47	280 – 370
320	9	370	59	310 – 430	3	330	47	290 – 380
330	6	370	56	320 – 430	12	340	47	300 – 390
340	11	380	52	320 – 430	15	350	45	310 – 390
350	14	380	49	330 – 430	19	360	43	320 – 400
360	29	390	46	340 – 440	36	370	40	330 – 410
370	37	400	44	350 – 440	32	380	38	340 – 420
380	42	400	41	360 – 450	74	390	36	350 – 420
390	54	410	39	370 – 450	83	400	34	360 – 430
400	69	420	38	380 – 460	103	410	32	380 – 440
410	84	430	36	390 – 470	155	420	30	390 – 450
420	117	440	35	410 – 470	170	430	29	400 – 460
430	114	450	34	420 – 480	193	440	28	410 – 470
440	158	460	33	430 – 490	260	450	27	430 – 480
450	180	470	32	440 – 500	282	460	26	440 – 490
460	220	480	31	450 – 510	327	470	26	450 – 500
470	244	490	30	460 – 520	365	480	25	460 – 510
480	285	500	30	470 – 530	425	490	25	470 – 520
490	334	510	29	480 – 540	483	500	25	480 – 530
500	383	520	29	490 – 550	539	510	25	490 – 540
510	435	530	28	500 – 560	619	520	25	500 – 550
520	596	540	28	510 – 570	666	530	25	510 – 560
530	627	550	27	520 – 580	743	540	25	520 – 570
540	701	560	27	530 – 580	809	550	25	530 – 580
550	819	570	26	540 – 590	868	570	25	540 – 590
560	861	580	25	550 – 600	831	580	25	550 – 600
570	886	590	25	560 – 610	827	590	25	560 – 610
580	1,011	600	24	570 – 620	894	600	25	570 – 620
590	1,066	610	24	580 – 630	787	610	25	580 – 630
600	1,043	620	24	590 – 640	757	620	26	590 – 640
610	991	620	24	600 – 650	710	630	26	600 – 650
620	902	630	24	610 – 660	613	640	26	610 – 660
630	772	640	25	620 – 670	583	650	27	620 – 670
640	708	650	25	630 – 680	494	660	28	630 – 680
650	617	660	26	640 – 690	411	670	29	640 – 700
660	537	670	27	640 – 700	417	680	29	650 – 710
670	415	680	27	650 – 710	332	690	30	660 – 720
680	374	690	28	660 – 720	295	700	31	670 – 730
690	279	700	29	670 – 720	254	700	31	670 – 740
700	212	700	30	670 – 730	236	710	31	680 – 750
710	176	710	30	680 – 740	233	720	32	690 – 750
720	100	720	31	690 – 750	166	730	32	700 – 760
730	108	720	31	690 – 750	160	740	32	710 – 770
740	73	730	31	700 – 760	126	740	33	710 – 780
750	41	730	32	700 – 770	83	750	33	720 – 780
760	39	740	31	710 – 770	91	760	34	720 – 790
770	14	740	31	710 – 770	81	760	34	730 – 800
780	4	750	31	720 – 780	58	770	35	730 – 800
790	6	760	31	730 – 790	62	770	37	730 – 800
800	3	770	31	740 – 800	21	770	39	730 – 800

