CollegeBoard

2020

SAT Suite of Assessments Annual Report

| SAT˚ | PSAT/NMSQT˚ | PSAT˚10 | PSAT˚8/9 |

Tennessee

About This Report

This report presents data on students in the class of 2020 who took the current SAT® during high school, as well as takers of PSAT-related assessments—the PSAT/NMSQT®, PSAT™ 10, and PSAT™ 8/9—during the 2019-20 school year.

Within each assessment, test takers are counted only once and only their latest scores and most recent demographic responses are summarized. Most students supply optional demographic information when they register for or take tests in the SAT Suite of Assessments, which provides valuable contextual information to aid in interpreting and understandi..

Score Ranges

Here are the ranges for reported scores for the Evidence-Based Reading and Writing (ERW) and Math sections of each assessment in the SAT Suite:

- SAT sections: 200–800
- PSAT/NMSQT and PSAT 10 sections: 160–760
- PSAT 8/9 sections: 120–720

Race/Ethnicity Data Collection and Reporting

In June 2015, the College Board aligned its collection and reporting of race/ethnicity categories with U.S. Department of Education guidelines. In addition, while previous SAT cohort assignment reflected self-reported information collected during SAT or SAT Subject Test registration only, it now leverages the most recent information from the SAT, PSAT-related assessment, or AP programs in an effort to more closely align with school, district, and state data systems. For these reasons, we advise caution when comparing data points in this report to those in previous reports.

Caveat on Using the Data

Relationships between test scores and other background or contextual factors are complex and interdependent. Caution is warranted when using scores to compare or evaluate teachers, schools, districts, or states, because of differences in participation and test taker populations.

Statistical Definitions

Mean score: The mean score is the arithmetic average of a defined set of test scores. Mean score statistics are reported here if there are ten or more students in a group or subgroup. Due to rounding, the mean section scores (ERW and Math) may not add up to the Total score.

Scaled score: A scaled score is the result of adjusting a raw score (the number of questions answered correctly) in ways that ensure that results across different test forms are comparable. The scores shown here and reported to educators, students, and institutions are scaled scores.

Standard deviation (SD): The standard deviation is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a more widely dispersed distribution of scores.

College and Career Readiness Benchmarks

Each assessment in the SAT Suite has an associated set of metrics called the College and Career Readiness Benchmarks.

- The SAT Math benchmark is the section score associated with a 75% chance of earning at least a C in first-semester, credit-bearing, college-level courses in algebra, statistics, precalculus, or calculus.
- The SAT Evidence-Based Reading and Writing (ERW) benchmark is associated with a 75% chance of earning at least a C in first-semester, credit-bearing, college-level courses in history, literature, social science, or writing.

The grade-level benchmark scores for PSAT-related assessments are based on expected student growth toward the SAT benchmarks at each grade. While SAT benchmarks indicate likelihood of success in college, grade-level benchmarks indicate whether a student is on track for college and career readiness for their grade. The benchmarks are set to reflect typical annual growth from year to year from 8th thr..

Assessment/ Grade level	ERW Section Score	Math Section Score
SAT	480	530
Grade 11	460	510
Grade 10	430	480
Grade 9	410	450
Grade 8	390	430

The current SAT Suite benchmark outcomes should not be compared against results from the old SAT or PSAT/NMSQT, as the score scale and benchmark definitions have changed.

Benchmark statistics are reported if there are ten or more students in a group or subgroup.

About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success—including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.
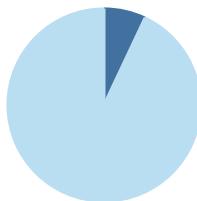
SAT Suite Participation Summary

The SAT Suite of Assessments — the SAT (grades 12 and 11), PSAT/NMSQT and PSAT 10 (grades 11 and 10), and PSAT 8/9 (grades 9 and 8) — measures a student's college and career readiness. Together, these assessments provide a comprehensive solution that systematically and progressively measures the knowledge, skills, and understandings essential for success in college and career.

43,042 test takers completed the SAT or a PSAT-related assessment (PSAT/NMSQT, PSAT 10, or PSAT 8/9) in the 2019-20 school year.

Class of 2020
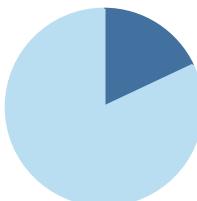
SAT Takers[1]	4,445
High School Graduates[2]	65,892
SAT Participation Rate	7%

7% of graduates in the class of 2020 took the SAT during high school

Class of 2021
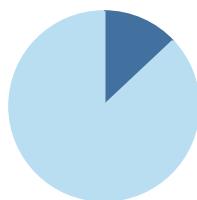
PSAT/NMSQT Takers[3]	13,370
11th-Grade Enrollment[2]	72,567
Participation Rate	18%

18% of 11th graders took the PSAT/NMSQT last fall

Class of 2022
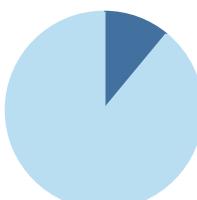
PSAT/NMSQT or PSAT 10 Taker..	10,493
10th-Grade Enrollment[2]	78,062
Participation Rate	13%

13% of 10th graders took the PSAT/NMSQT or PSAT 10 in 2019-20

Class of 2023
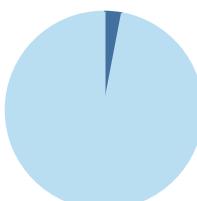
PSAT 8/9 Takers[3]	9,315
9th-Grade Enrollment[2]	82,679
Participation Rate	11%

11% of 9th graders took the PSAT 8/9 in 2019-20

Class of 2024

PSAT 8/9 Takers[3]	2,401
8th-Grade Enrollment[2]	80,944
Participation Rate	3%

3% of 8th graders took the PSAT 8/9 in 2019-20

[1] Reflects 2020 high school graduates who took the current SAT during high school.
[2] Knocking at the College Door, WICHE, December 2016.
[3] PSAT-related assessment data reflect students who tested during the 2019-20 school year.

SAT Participation and Performance

Data reflect 2020 high school graduates who took the current SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

Total

Total	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Total	4,445		1186	601	585	70%	88%	71%	11%
Took Essay[1]	1,588	36%	1265	640	625	83%	96%	83%	4%

Race / Ethnicity

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	10	0%	990	504	486	50%	50%	50%	50%
Asian	427	10%	1310	637	673	87%	92%	90%	5%
Black/African American	508	11%	1024	523	501	39%	66%	41%	32%
Hispanic/Latino	359	8%	1116	567	550	58%	81%	58%	19%
Native Hawaiian/Other Pacific Islander	4	0%							
White	2,735	62%	1216	620	596	77%	95%	77%	4%
Two or More Races	194	4%	1208	617	591	73%	94%	73%	6%
No Response	208	5%	1043	529	514	43%	60%	46%	38%

Gender

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	2,444	55%	1168	599	569	65%	88%	66%	11%
Male	1,990	45%	1210	606	605	76%	89%	77%	10%
Another/ No Response	11	0%	922	448	474	27%	36%	27%	64%

First Language Learned

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	3,564	80%	1194	608	586	72%	91%	73%	8%
English and Another Language	445	10%	1221	610	611	74%	89%	76%	9%
Another Language	284	6%	1190	577	612	69%	81%	74%	14%
No Response	152	3%	896	456	439	16%	36%	19%	62%

Highest Level of Parental Education

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	111	2%	1002	501	501	34%	57%	37%	41%
High School Diploma	587	13%	1089	555	534	52%	77%	54%	21%
Associate Degree	189	4%	1085	553	532	48%	77%	51%	20%
Bachelor's Degree	1,526	34%	1192	606	586	72%	93%	73%	6%
Graduate Degree	1,831	41%	1262	638	624	84%	96%	84%	3%
No Response	201	5%	923	466	458	22%	39%	26%	58%

SAT Fee Waiver[2]

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Used at any point	217	5%	1051	532	519	48%	64%	49%	35%
Did not use	4,228	95%	1193	605	588	71%	90%	72%	9%

[1] Reflects the most recent essay of test takers who completed the SAT Essay at any point, not necessarily on the most recent test administration date.

[2] Reflects students who used a fee waiver for an SAT or Subject Test registration at any point. Caution is warranted if using fee waiver usage to estimate participation and performance for low-income students. For example, fee-waiver usage will likely understate low-income participation in locations in which students participate in SAT School Day under a district or state contract.

SAT Participation and Performance: Score Distributions

Data reflect 2020 high school graduates who took the current SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

Total and Section Scores

Total Score			ERW			Math	
1400–1600	687	15%	700–800	809	18%	771	17%
1200–1390	1,573	35%	600–690	1,714	39%	1,271	29%
1000–1190	1,421	32%	500–590	1,257	28%	1,522	34%
800–990	603	14%	400–490	522	12%	653	15%
600–790	158	4%	300–390	138		220	5%
400–590	3		200–290	5		8	
Mean	1186		Mean	601		585	
SD	198		SD	99		110	

Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	812	844
30–34	1,641	1,750
25–29	1,329	1,166
20–24	529	558
15–19	126	123
10–14	8	4
Mean	30	30
SD	5	5

Test Scores

	Reading	Writing and..	Math
35–40	794	1,044	771
30–34.5	1,688	1,646	1,271
25–29.5	1,258	1,094	1,522
20–24.5	574	505	653
15–19.5	129	151	220
10–14.5	2	5	8
Mean	30	30	29
SD	5	5	6

Subscores

	Words in Context	Command of Evidence	Expression of Ideas	Standard English Conventions	Heart of Algebra	Problem Solving and Data Analysis	Passport to Advanced Mathematics
13–15	1,188	1,088	1,491	1,102	894	1,191	1,068
10–12	2,055	1,852	1,787	1,657	1,593	1,635	1,473
7–9	886	1,184	869	1,092	1,474	1,050	1,381
4–6	264	309	282	516	431	441	448
1–3	52	12	16	78	53	128	75
Mean	11	11	11	10	10	10	10
SD	3	3	3	3	3	3	3

Essay[1]

	8	7	6	5	4	3	2	Mean	SD
Reading	19	97	671	389	331	55	26	5	1
Analysis	2	14	155	333	566	297	221	4	1
Writing	76	182	920	231	152	18	9	6	1

[1] Reflects the most recent essay of test takers who completed the SAT Essay at any point, not necessarily on the most recent test administration date.

SAT Participation and Performance: Score Distributions by Subgroup

Data reflect 2020 high school graduates who took the current SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	4,445	2,444	1,990	10	427	508	359	4	2,735	194

Total Score

1400–1600	15%	12%	20%	0%	40%	2%	9%		15%	16%
1200–1390	35%	35%	36%	20%	36%	17%	27%		41%	39%
1000–1190	32%	34%	30%	30%	16%	34%	36%		34%	33%
800–990	14%	16%	11%	20%	7%	36%	23%		9%	10%
600–790	4%	3%	4%	30%	1%	11%	5%		1%	2%
400–590	0%	0%	0%	0%	0%	0%	0%		0%	0%

Section Scores - ERW

700–800	18%	17%	20%	0%	32%	4%	12%		20%	19%
600–690	39%	39%	38%	30%	37%	22%	31%		44%	43%
500–590	28%	29%	28%	20%	21%	33%	34%		28%	30%
400–490	12%	12%	11%	20%	8%	31%	17%		7%	7%
300–390	3%	3%	3%	30%	2%	9%	6%		1%	1%
200–290	0%	0%	0%	0%	0%	0%	0%		0%	1%

Section (Test) Scores - Math[1]

700–800 (35–40)	17%	13%	23%	10%	49%	3%	10%		16%	18%
600–690 (30–34.5)	29%	27%	30%	10%	29%	13%	22%		33%	28%
500–590 (25–29.5)	34%	36%	32%	30%	16%	36%	39%		37%	37%
400–490 (20–24.5)	15%	18%	10%	10%	5%	33%	21%		11%	14%
300–390 (15–19.5)	5%	5%	4%	40%	1%	13%	7%		2%	2%
200–290 (10–14.5)	0%	0%	0%	0%	0%	1%	0%		0%	0%

Test Scores - Reading

35–40	18%	16%	20%	0%	30%	5%	11%		20%	23%
30–34	38%	37%	39%	40%	36%	22%	33%		43%	39%
25–29	28%	31%	25%	10%	24%	33%	32%		28%	30%
20–24	13%	13%	12%	30%	8%	31%	18%		9%	7%
15–19	3%	3%	3%	20%	2%	9%	5%		1%	1%
10–14	0%	0%	0%	0%	0%	0%	0%		0%	0%

Test Scores - Writing and Language

35–40	23%	23%	24%	10%	41%	6%	15%		26%	24%
30–34	37%	37%	37%	20%	33%	23%	32%		42%	40%
25–29	25%	25%	25%	20%	16%	31%	28%		24%	29%
20–24	11%	12%	11%	20%	8%	31%	18%		7%	6%
15–19	3%	3%	3%	30%	2%	9%	7%		1%	1%
10–14	0%	0%	0%	0%	0%	0%	0%		0%	1%

[1] The Math test score is found by dividing the Math section score by 20.

SAT Participation and Performance: Intended College Major and Degree-Level Goal

Data reflect 2020 high school graduates who took the current SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

Intended College Major	Test Takers	Percent	Total	Mean Score ERW	Math
Agriculture, Agriculture Operations, and Related Sciences	34	1%	1076	562	514
Architecture and Related Services	66	2%	1168	589	579
Area, Ethnic, Cultural, and Gender Studies	5	0%			
Biological and Biomedical Sciences	434	11%	1244	628	616
Business, Management, Marketing, and Related Support Services	467	12%	1185	596	589
Communication, Journalism, and Related Programs	94	2%	1176	613	563
Computer and Information Sciences and Support Services	153	4%	1258	624	633
Construction Trades, General	1	0%			
Education	82	2%	1118	564	554
Engineering	477	12%	1267	627	640
Engineering Technologies/Technicians	49	1%	1226	602	624
English Language and Literature/Letters	53	1%	1265	655	609
Family and Consumer Sciences/Human Sciences	11	0%	1138	568	570
Foreign Languages and Literatures, General	41	1%	1274	665	610
Health Professions and Related Clinical Sciences	683	17%	1171	595	576
History, General	36	1%	1223	639	583
Legal Studies, General	125	3%	1218	628	591
Liberal Arts and Sciences, General Studies and Humanities	23	1%	1316	668	648
Library Science/Librarianship	1	0%			
Mathematics and Statistics	50	1%	1373	664	709
Mechanic and Repair Technologies/Technicians	7	0%			
Military Technologies	10	0%	1149	594	555
Multi/Interdisciplinary Studies	10	0%	1291	677	614
Natural Resources and Conservation	29	1%	1219	627	592
Parks, Recreation and Leisure Studies	9	0%			
Personal And Culinary Services, General	6	0%			
Philosophy and Religious Studies	8	0%			
Physical Sciences	85	2%	1312	655	656
Psychology, General	151	4%	1175	606	568
Public Administration and Social Service Professions	10	0%	1050	555	495
Security and Protective Services	47	1%	1136	589	547
Social Sciences	108	3%	1286	662	624
Theology and Religious Vocations	14	0%	1179	613	566
Visual and Performing Arts, General	267	7%	1165	604	561
Other	23	1%	1090	564	526
Undecided	248	6%	1220	618	602

Degree-Level Goal	Test Takers	Percent	Total	Mean Score ERW	Math
Certificate Program	19	1%	942	483	459
Associate Degree	21	1%	961	506	455
Bachelor's Degree	808	21%	1109	567	542
Master's Degree	1,174	31%	1200	607	592
Doctoral or Related Degree	1,305	35%	1265	638	627
Other	16	0%	916	463	453
Undecided	438	12%	1203	613	589

SAT Score Sending: Institutions That Received the Most SAT Score Reports from Tennessee

Of the 4,445 students from Tennessee who took the SAT, 2,521 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the institutions that received the most score reports. A total of 1,027 institutions received score reports from Tennessee students.

Institution	State	Type	Number of Students	% of Score Senders[1]
University of Tennessee: Knoxville	TN	Public College	775	30.7%
Vanderbilt University	TN	Private College	387	15.4%
Middle Tennessee State University	TN	Public College	261	10.4%
University of Tennessee: Chattanooga	TN	Public College	259	10.3%
University of Memphis	TN	Public College	186	7.4%
Belmont University	TN	Private College	185	7.3%
University of Alabama	AL	Public College	176	7.0%
Tennessee Technological University	TN	Public College	171	6.8%
Duke University Talent Identification Program	NC	Program	160	6.3%
University of North Carolina at Chapel Hill	NC	Public College	153	6.1%
Auburn University	AL	Public College	140	5.6%
Georgia Institute of Technology	GA	Public College	139	5.5%
East Tennessee State University	TN	Public College	136	5.4%
New York University	NY	Private College	135	5.4%
University of Georgia	GA	Public College	134	5.3%
Duke University	NC	Private College	125	5.0%
University of Michigan	MI	Public College	122	4.8%
NMSC Scholarship Admin	IL	NO ANSWER	119	4.7%
Emory University	GA	Private College	118	4.7%
Princeton University	NJ	Private College	117	4.6%
University of Southern California	CA	Private College	104	4.1%
NCAA Eligibility Center	IN	Public College	103	4.1%
Massachusetts Institute of Technology	MA	Private College	103	4.1%
Boston University	MA	Private College	102	4.0%
Clemson University	SC	Public College	99	3.9%
Harvard College	MA	Private College	95	3.8%
Cornell University	NY	Private College	92	3.6%
Austin Peay State University	TN	Public College	91	3.6%
Lipscomb University	TN	Private College	88	3.5%
University of Pennsylvania	PA	Private College	88	3.5%
University of Mississippi	MS	Public College	87	3.5%
University of Virginia	VA	Public College	86	3.4%
Georgetown University	DC	Private College	86	3.4%
Yale University	CT	Private College	85	3.4%
Mississippi State University	MS	Public College	83	3.3%
Rhodes College	TN	Private College	83	3.3%
University of California: Los Angeles	CA	Public College	81	3.2%
University of California: Berkeley	CA	Public College	78	3.1%
Tennessee State University	TN	Public College	78	3.1%
Stanford University	CA	Private College	78	3.1%
Brown University	RI	Private College	77	3.1%
Purdue University	IN	Public College	75	3.0%
Washington University in St. Louis	MO	Private College	71	2.8%
Samford University	AL	Private College	69	2.7%
University of Kentucky	KY	Public College	67	2.7%

[1] Of students who designated that their SAT score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to e..

PSAT/NMSQT and PSAT 10 Participation and Performance

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2019-20 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

Total

Total	Test Takers	Mean Score		
	Number	Total	ERW	Math
Total	28,131	1076	556	520
PSAT/NMSQT	28,095	1077	557	520
PSAT 10	36	926	477	448

Gender

Gender	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	15,100	54%	1076	563	513
Male	12,920	46%	1078	549	529
Another/ No Response	111	0%	1011	524	488

Grade Level

Grade Level	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	10,493	37%	1062	549	513	66%	91%	67%	8%
11th Grade	13,370	48%	1103	570	533	59%	87%	60%	12%
Other/No Response	4,268	15%	1030	532	497				

Race/Ethnicity

Total	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	422	2%	998	513	485
Asian	1,827	6%	1164	586	578
Black/African American	2,829	10%	974	504	471
Hispanic/Latino	2,048	7%	1029	531	498
Native Hawaiian/Other Pacific Islander	37	0%	1014	521	493
White	17,398	62%	1103	572	531
Two or More Races	1,231	4%	1093	568	526
No Response	2,339	8%	983	507	476

10th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	144	1%	1001	514	487	53%	85%	53%	15%
Asian	690	7%	1150	580	570	82%	94%	84%	4%
Black/African American	947	9%	965	499	466	42%	79%	43%	20%
Hispanic/Latino	769	7%	1017	522	495	57%	83%	59%	15%
Native Hawaiian/Other Pacific Islander	14	0%	1019	534	486	50%	86%	57%	7%
White	6,494	62%	1083	563	521	72%	94%	73%	5%
Two or More Races	440	4%	1074	556	518	68%	92%	69%	7%
No Response	995	9%	989	510	479	47%	83%	49%	15%

11th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	168	1%	1022	528	494	38%	76%	39%	23%
Asian	814	6%	1194	598	596	77%	91%	79%	6%
Black/African American	1,662	12%	981	508	474	31%	70%	32%	29%
Hispanic/Latino	1,022	8%	1047	542	506	47%	80%	48%	19%
Native Hawaiian/Other Pacific Islander	20	0%	1009	512	498	40%	60%	40%	40%
White	8,304	62%	1136	589	547	66%	92%	67%	7%
Two or More Races	576	4%	1126	585	541	64%	93%	65%	7%
No Response	804	6%	996	513	483	36%	69%	38%	29%

[1] Based on grade-level benchmarks.

PSAT/NMSQT and PSAT 10 Participation and Performance

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2019-20 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

First Language Learned

10th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	8,189	78%	1068	554	514	68%	92%	68%	7%
English and Another Language	903	9%	1068	545	523	66%	88%	68%	10%
Another Language	364	3%	1054	527	527	65%	82%	68%	15%
No Response	1,037	10%	1008	520	488	53%	86%	55%	13%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	11,079	83%	1110	575	535	60%	89%	61%	11%
English and Another Language	1,121	8%	1097	561	536	57%	83%	58%	16%
Another Language	540	4%	1111	556	555	59%	84%	63%	13%
No Response	630	5%	980	505	475	34%	67%	36%	31%

Highest Level of Parental Education

10th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	234	2%	958	482	476	44%	75%	48%	21%
High School Diploma	1,372	13%	1011	521	490	55%	85%	57%	13%
Associate Degree	361	3%	1038	539	499	61%	91%	62%	8%
Bachelor's Degree	3,555	34%	1083	562	521	72%	95%	73%	4%
Graduate Degree	3,145	30%	1117	578	540	77%	95%	78%	4%
No Response	1,826	17%	980	506	474	46%	82%	47%	17%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	438	3%	966	494	472	31%	65%	32%	34%
High School Diploma	2,338	17%	1025	530	495	41%	78%	42%	21%
Associate Degree	632	5%	1059	548	512	48%	84%	50%	14%
Bachelor's Degree	5,131	38%	1121	580	540	63%	92%	64%	8%
Graduate Degree	3,963	30%	1178	608	570	75%	94%	75%	5%
No Response	868	6%	965	497	468	29%	63%	31%	35%

High School Grade Point Average

10th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	1,597	15%	1181	610	571	89%	98%	89%	1%
A (93–96)	3,305	31%	1112	577	535	80%	97%	80%	3%
A- (90–92)	2,014	19%	1044	541	503	65%	93%	66%	6%
B (80–89)	2,109	20%	961	496	465	40%	81%	42%	17%
C (70–79)	215	2%	873	440	433	20%	53%	23%	45%
D, E, or F (below 70)	10	0%	860	443	417	20%	40%	20%	60%
No Response	1,243	12%	1007	520	487	54%	85%	55%	14%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	2,294	17%	1242	639	603	87%	98%	88%	1%
A (93–96)	4,243	32%	1154	597	557	71%	95%	72%	5%
A- (90–92)	2,575	19%	1089	565	524	58%	90%	59%	9%
B (80–89)	3,128	23%	996	515	481	33%	75%	34%	24%
C (70–79)	386	3%	884	450	434	12%	46%	13%	53%
D, E, or F (below 70)	13	0%	930	498	432	15%	69%	15%	31%
No Response	731	5%	989	509	480	36%	69%	38%	29%

[1] Based on grade-level benchmarks.

PSAT/NMSQT and PSAT 10 Participation and Performance: Score Distributions by Subgroup - 11th Grade

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2019-20 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	13,370	7,274	6,058	168	814	1,662	1,022	20	8,304	576

Total Score

1400–1520	5%	3%	6%	2%	16%	1%	2%	0%	5%	5%
1200–1390	27%	26%	29%	17%	37%	10%	18%	20%	32%	34%
1000–1190	41%	44%	38%	35%	32%	35%	42%	30%	44%	40%
800–990	22%	23%	22%	36%	13%	42%	30%	45%	17%	19%
600–790	5%	4%	6%	9%	2%	13%	7%	5%	2%	3%
320–590	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%

Section Scores - ERW

700–760	8%	8%	8%	5%	16%	2%	4%	0%	9%	10%
600–690	36%	37%	35%	23%	39%	17%	27%	25%	42%	40%
500–590	35%	36%	34%	35%	31%	36%	40%	30%	35%	33%
400–490	16%	15%	18%	26%	11%	32%	22%	35%	12%	15%
300–390	5%	4%	6%	11%	3%	13%	7%	10%	2%	2%
160–290	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%

Section (Test) Scores - Math[1]

700–760 (35–38)	6%	3%	8%	2%	21%	1%	3%	5%	6%	6%
600–690 (30–34.5)	18%	15%	21%	8%	27%	5%	11%	10%	21%	20%
500–590 (25–29.5)	42%	45%	39%	39%	35%	31%	41%	25%	46%	45%
400–490 (20–24.5)	29%	31%	26%	43%	14%	48%	36%	60%	24%	25%
300–390 (15–19.5)	6%	5%	6%	8%	2%	14%	8%	0%	3%	5%
160–290 (8–14.5)	0%	0%	0%	1%	0%	0%	1%	0%	0%	0%

Test Scores - Reading

35–38	10%	10%	10%	6%	18%	3%	6%	5%	12%	13%
30–34	30%	31%	28%	18%	32%	14%	23%	15%	34%	35%
25–29	38%	38%	36%	40%	34%	37%	40%	25%	38%	34%
20–24	18%	17%	20%	28%	14%	34%	24%	50%	14%	17%
15–19	4%	3%	5%	8%	3%	11%	6%	5%	2%	2%
8–14	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Test Scores - Writing and Language

35–38	10%	10%	9%	4%	18%	3%	5%	0%	11%	12%
30–34	41%	43%	40%	30%	46%	23%	34%	30%	47%	45%
25–29	30%	30%	30%	33%	24%	35%	33%	35%	29%	29%
20–24	13%	12%	15%	20%	7%	25%	20%	25%	10%	11%
15–19	5%	4%	6%	11%	3%	13%	8%	10%	3%	3%
8–14	0%	0%	1%	2%	0%	1%	0%	0%	0%	0%

[1] The Math test score is found by dividing the Math section score by 20.

PSAT/NMSQT | PSAT 10

PSAT/NMSQT and PSAT 10 Participation and Performance: Score Distributions by Subgroup - 10th Grade

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2019-20 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	10,493	5,690	4,768	144	690	947	769	14	6,494	440
Total Score										
1400–1520	2%	1%	2%	1%	8%	0%	1%	0%	1%	2%
1200–1390	19%	18%	20%	10%	33%	6%	12%	21%	22%	22%
1000–1190	46%	48%	43%	41%	41%	34%	43%	36%	49%	46%
800–990	29%	29%	29%	39%	17%	49%	36%	36%	25%	26%
600–790	5%	4%	6%	10%	2%	11%	8%	7%	2%	5%
320–590	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Section Scores - ERW										
700–760	3%	4%	3%	1%	9%	1%	2%	7%	4%	4%
600–690	29%	30%	27%	15%	37%	12%	22%	21%	34%	32%
500–590	41%	43%	39%	43%	36%	39%	39%	36%	42%	38%
400–490	21%	19%	24%	32%	14%	37%	26%	36%	18%	20%
300–390	5%	4%	7%	8%	3%	11%	11%	0%	3%	5%
160–290	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Section (Test) Scores - Math[1]										
700–760 (35–38)	2%	1%	3%	1%	12%	0%	2%	0%	2%	2%
600–690 (30–34.5)	11%	9%	14%	6%	25%	3%	7%	14%	12%	15%
500–590 (25–29.5)	45%	46%	44%	38%	42%	29%	39%	29%	51%	43%
400–490 (20–24.5)	35%	38%	32%	45%	20%	53%	44%	43%	31%	35%
300–390 (15–19.5)	6%	6%	6%	10%	2%	14%	7%	14%	4%	5%
160–290 (8–14.5)	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
Test Scores - Reading										
35–38	6%	6%	5%	4%	13%	2%	3%	7%	6%	7%
30–34	25%	25%	24%	13%	29%	10%	20%	21%	28%	29%
25–29	43%	45%	41%	41%	41%	39%	38%	43%	45%	39%
20–24	22%	20%	25%	33%	14%	38%	30%	14%	18%	22%
15–19	4%	3%	5%	8%	3%	10%	8%	14%	2%	3%
8–14	0%	0%	0%	0%	0%	0%	1%	0%	0%	0%
Test Scores - Writing and Language										
35–38	5%	5%	5%	2%	10%	1%	3%	7%	6%	5%
30–34	34%	36%	31%	23%	43%	18%	27%	29%	38%	37%
25–29	37%	38%	37%	37%	31%	38%	36%	29%	39%	36%
20–24	18%	16%	20%	31%	13%	31%	23%	36%	14%	15%
15–19	5%	4%	7%	8%	3%	12%	11%	0%	3%	5%
8–14	0%	0%	0%	0%	1%	1%	1%	0%	0%	0%

[1] The Math test score is found by dividing the Math section score by 20.

PSAT/NMSQT and PSAT 10 Participation and Performance: Intended College Major - 10th and 11th Grades

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2019-20 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

Intended College Major	10th Grade Test Takers	Percent	11th Grade Test Takers	Percent
Agriculture, Agriculture Operations, and Related Sciences	120	2%	162	1%
Architecture and Related Services	196	2%	276	2%
Area, Ethnic, Cultural, and Gender Studies	16	0%	24	0%
Biological and Biomedical Sciences	835	11%	1,073	9%
Business, Management, Marketing, and Related Support Services	729	9%	1,380	11%
Communication, Journalism, and Related Programs	153	2%	276	2%
Computer and Information Sciences and Support Services	301	4%	454	4%
Construction Trades, General	0		0	0%
Education	214	3%	340	3%
Engineering	731	9%	1,295	11%
Engineering Technologies/Technicians	83	1%	115	1%
English Language and Literature/Letters	49	1%	94	1%
Family and Consumer Sciences/Human Sciences	15	0%	20	0%
Foreign Languages and Literatures, General	42	1%	82	1%
Health Professions and Related Clinical Sciences	1,362	17%	2,187	18%
History, General	34	0%	67	1%
Legal Studies, General	201	3%	297	2%
Liberal Arts and Sciences, General Studies and Humanities	14	0%	34	0%
Library Science/Librarianship	0		0	0%
Mathematics and Statistics	58	1%	105	1%
Mechanic and Repair Technologies/Technicians	0		1	0%
Military Technologies	23	0%	29	0%
Multi/Interdisciplinary Studies	11	0%	19	0%
Natural Resources and Conservation	31	0%	71	1%
Parks, Recreation and Leisure Studies	33	0%	48	0%
Personal And Culinary Services, General	3	0%	5	0%
Philosophy and Religious Studies	22	0%	45	0%
Physical Sciences	105	1%	172	1%
Psychology, General	267	3%	404	3%
Public Administration and Social Service Professions	13	0%	42	0%
Security and Protective Services	163	2%	212	2%
Social Sciences	99	1%	260	2%
Theology and Religious Vocations	12	0%	22	0%
Visual and Performing Arts, General	532	7%	852	7%
Other	74	1%	123	1%
Undecided	1,382	17%	1,415	12%

CollegeBoard **PSAT 8/9**

PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2019-20 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

Total

Total	Test Takers		Mean Score		
	Number		Total	ERW	Math
Total	12,391		875	443	432
Fall	12,099		872	442	430
Spring	292		1003	507	495

Gender

Gender	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	6,292	51%	890	456	434
Male	5,978	48%	861	431	431
Another/ No Response	121	1%	828	420	408

Grade Level

Grade Level	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	2,401	19%	945	481	464	62%	83%	63%	16%
9th Grade	9,315	75%	856	433	423	33%	56%	35%	42%
Other / No Response	675	5%	902	456	446				

Race/Ethnicity

Total	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	185	1%	821	413	408
Asian	375	3%	1029	510	518
Black/African American	2,926	24%	815	411	405
Hispanic/Latino	1,475	12%	807	406	401
Native Hawaiian/Other Pacific Islander	28	0%	833	431	403
White	3,065	25%	980	501	479
Two or More Races	497	4%	889	453	436
No Response	3,840	31%	851	430	420

8th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	33	1%	892	446	445	52%	82%	55%	15%
Asian	82	3%	1095	544	551	90%	98%	91%	1%
Black/African American	120	5%	858	436	422	46%	72%	49%	25%
Hispanic/Latino	198	8%	827	421	405	36%	59%	38%	38%
Native Hawaiian/Other Pacific Islander	5	0%							
White	907	38%	967	494	472	67%	90%	68%	10%
Two or More Races	75	3%	905	463	441	53%	81%	53%	19%
No Response	981	41%	953	483	470	62%	81%	64%	17%

9th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	146	2%	806	405	401	21%	44%	23%	55%
Asian	283	3%	1011	501	509	63%	78%	65%	20%
Black/African American	2,743	29%	814	410	404	22%	48%	25%	50%
Hispanic/Latino	1,240	13%	805	404	400	22%	45%	25%	53%
Native Hawaiian/Other Pacific Islander	23	0%	858	443	414	35%	61%	39%	35%
White	2,075	22%	987	505	482	61%	85%	63%	13%
Two or More Races	407	4%	886	451	435	38%	66%	40%	32%
No Response	2,398	26%	795	402	393	22%	42%	24%	57%

[1]Based on grade-level benchmarks.

PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2019-20 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

First Language Learned

8th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,170	49%	946	483	462	63%	86%	64%	13%
English and Another Language	187	8%	923	464	459	56%	74%	57%	25%
Another Language	68	3%	877	441	435	43%	63%	46%	34%
No Response	976	41%	953	484	470	62%	82%	63%	17%

9th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	5,263	57%	881	448	434	37%	62%	39%	36%
English and Another Language	859	9%	864	433	430	34%	58%	36%	40%
Another Language	485	5%	831	413	418	31%	48%	34%	49%
No Response	2,708	29%	807	408	399	24%	44%	26%	53%

High School Grade Point Average

8th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	128	5%	1101	552	549	90%	95%	91%	4%
A (93–96)	408	17%	1026	524	503	83%	97%	84%	3%
A- (90–92)	241	10%	925	472	453	60%	89%	61%	10%
B (80–89)	354	15%	866	444	421	47%	75%	47%	24%
C (70–79)	60	2%	778	396	382	8%	52%	15%	42%
D, E, or F (below 70)	11	0%	687	341	346	0%	0%	9%	91%
No Response	1,199	50%	939	476	463	59%	80%	61%	19%

9th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	550	6%	1014	511	503	63%	79%	65%	19%
A (93–96)	1,343	14%	965	489	475	57%	78%	59%	20%
A- (90–92)	1,067	11%	906	460	446	46%	70%	48%	28%
B (80–89)	2,042	22%	836	423	414	26%	57%	28%	41%
C (70–79)	791	8%	748	376	371	8%	30%	10%	68%
D, E, or F (below 70)	128	1%	694	344	349	1%	10%	2%	88%
No Response	3,394	36%	814	412	402	26%	46%	28%	52%

[1] Based on grade-level benchmarks.

CollegeBoard | **PSAT 8/9**

PSAT 8/9 Participation and Performance: Score Distributions by Subgroup - 9th Grade

Data reflect students who took the PSAT 8/9 during the 2019-20 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	9,315	4,826	4,397	146	283	2,743	1,240	23	2,075	407

Total Score

1400–1440	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1200–1390	4%	4%	4%	1%	18%	1%	2%	0%	11%	4%
1000–1190	18%	20%	17%	14%	33%	10%	11%	26%	38%	21%
800–990	36%	39%	32%	31%	27%	39%	34%	30%	39%	43%
600–790	37%	34%	41%	51%	18%	46%	47%	43%	12%	31%
240–590	4%	3%	6%	3%	2%	4%	6%	0%	1%	1%

Section Scores - ERW

700–720	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
600–690	6%	7%	5%	1%	21%	2%	3%	0%	15%	9%
500–590	22%	24%	19%	16%	37%	14%	14%	39%	42%	21%
400–490	32%	35%	28%	29%	22%	37%	33%	22%	30%	40%
300–390	36%	31%	42%	49%	18%	42%	46%	39%	12%	29%
120–290	4%	3%	6%	5%	2%	5%	5%	0%	1%	2%

Section (Test) Scores - Math[1]

700–720 (35–36)	1%	1%	1%	0%	9%	0%	1%	0%	1%	0%
600–690 (30–34.5)	3%	3%	4%	1%	14%	1%	2%	0%	9%	3%
500–590 (25–29.5)	15%	15%	14%	11%	26%	9%	9%	17%	30%	17%
400–490 (20–24.5)	41%	42%	39%	38%	31%	43%	38%	39%	45%	44%
300–390 (15–19.5)	36%	35%	37%	41%	18%	43%	44%	43%	13%	33%
120–290 (6–14.5)	5%	4%	6%	9%	1%	5%	7%	0%	1%	2%

Test Scores - Reading

35–36	0%	0%	0%	0%	1%	0%	0%	0%	1%	0%
30–34	9%	10%	8%	2%	27%	4%	4%	0%	22%	13%
25–29	20%	22%	17%	17%	31%	15%	14%	39%	33%	21%
20–24	35%	38%	32%	38%	23%	40%	37%	30%	32%	41%
15–19	33%	28%	39%	39%	17%	38%	43%	30%	11%	24%
6–14	3%	2%	3%	4%	1%	3%	3%	0%	1%	1%

Test Scores - Writing and Language

35–36	0%	0%	0%	0%	1%	0%	0%	0%	1%	0%
30–34	7%	8%	6%	1%	21%	2%	3%	0%	17%	9%
25–29	21%	24%	19%	16%	36%	15%	14%	22%	40%	23%
20–24	30%	33%	27%	28%	21%	34%	29%	39%	29%	36%
15–19	33%	29%	37%	45%	17%	40%	43%	35%	12%	28%
6–14	8%	6%	12%	10%	4%	9%	11%	4%	1%	5%

[1] The Math test score is found by dividing the Math section score by 20.

PSAT 8/9

PSAT 8/9 Participation and Performance: Score Distributions by Subgroup - 8th Grade

Data reflect students who took the PSAT 8/9 during the 2019-20 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	2,401	1,173	1,222	33	82	120	198	5	907	75
Total Score										
1400–1440	0%	0%	0%	0%	0%	0%	0%		0%	0%
1200–1390	9%	8%	10%	3%	28%	2%	1%		9%	3%
1000–1190	30%	32%	27%	27%	45%	14%	14%		32%	24%
800–990	39%	40%	38%	39%	23%	53%	38%		42%	53%
600–790	21%	19%	23%	30%	4%	30%	45%		15%	19%
240–590	1%	1%	2%	0%	0%	2%	2%		1%	1%
Section Scores - ERW										
700–720	0%	1%	0%	0%	1%	0%	0%		1%	0%
600–690	12%	12%	11%	0%	29%	3%	5%		13%	8%
500–590	33%	37%	29%	30%	44%	18%	17%		37%	21%
400–490	34%	34%	34%	48%	23%	47%	33%		35%	49%
300–390	19%	15%	23%	18%	2%	31%	45%		13%	21%
120–290	1%	0%	1%	3%	0%	1%	1%		1%	0%
Section (Test) Scores - Math[1]										
700–720 (35–36)	2%	1%	2%	3%	4%	0%	0%		1%	0%
600–690 (30–34.5)	8%	8%	9%	3%	30%	2%	2%		9%	3%
500–590 (25–29.5)	23%	23%	23%	18%	33%	8%	11%		24%	19%
400–490 (20–24.5)	42%	44%	40%	45%	28%	57%	40%		47%	52%
300–390 (15–19.5)	23%	23%	23%	27%	5%	30%	43%		18%	24%
120–290 (6–14.5)	2%	2%	2%	3%	0%	3%	5%		1%	3%
Test Scores - Reading										
35–36	1%	1%	1%	0%	4%	0%	0%		1%	0%
30–34	16%	16%	15%	0%	29%	6%	6%		18%	13%
25–29	30%	34%	26%	27%	43%	19%	16%		33%	23%
20–24	34%	33%	36%	52%	22%	48%	34%		35%	43%
15–19	18%	15%	21%	21%	2%	27%	42%		12%	21%
6–14	1%	0%	1%	0%	0%	1%	2%		0%	0%
Test Scores - Writing and Language										
35–36	1%	1%	1%	0%	0%	1%	1%		1%	0%
30–34	12%	13%	11%	3%	33%	3%	4%		13%	4%
25–29	31%	34%	28%	27%	40%	17%	15%		34%	29%
20–24	36%	36%	36%	39%	22%	48%	38%		37%	44%
15–19	18%	15%	21%	24%	4%	31%	38%		12%	21%
6–14	2%	1%	4%	6%	1%	1%	5%		2%	1%

[1] The Math test score is found by dividing the Math section score by 20.

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SAT Suite Performance: Interquartile Ranges

Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group. SAT data reflect 2020 high school graduates who took the current SAT during high school. PSAT/NMSQT and PSAT 10 data reflect 10th or 11th grade students who took the PSAT/NMSQT and/or PSAT 10 during the 2019-20 school year. PSAT 8/9 data reflect 8th or 9th grade students who took the PSAT 8/9 during the 2019-20 school year. If a student took the respective assessment more than once, the most recent score is summarized.

SAT

Percentile	Total	Section.. ERW	Math	Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
75th	1330	670	670	33	34	33.5	33	34
50th	1200	610	580	30	31	29	30	30
25th	1060	540	520	26	27	26	27	27

PSAT/NMSQT and PSAT 10 - Grade 11

Percentile	Total	Section ERW	Math	Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
75th	1230	640	590	32	33	29.5	32	31
50th	1110	580	530	28	30	26.5	28	29
25th	980	510	470	25	26	23.5	25	24

PSAT/NMSQT and PSAT 10 - Grade 10

Percentile	Total	Section ERW	Math	Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
75th	1170	620	570	31	31	28.5	31	30
50th	1060	550	510	27	28	25.5	27	27
25th	950	490	460	24	25	23	24	24

PSAT 8/9 - Grade 9

Percentile	Total	Section ERW	Math	Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
75th	980	510	480	26	26	24	25	25
50th	840	420	420	21	21	21	21	21
25th	720	350	360	18	17	18	17	18

PSAT 8/9 - Grade 8

Percentile	Total	Section ERW	Math	Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
75th	1070	550	520	28	27	26	28	28
50th	940	480	450	24	24	22.5	24	24
25th	810	410	400	21	20	20	20	21