CollegeBoard

2019

SAT Suite of Assessments Annual Report

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

Nevada

About This Report

This report presents data on students in the class of 2019 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 2018-19 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 understanding individual and group scores.

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 through 12th grades.

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.
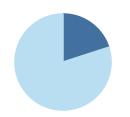
SAT Suite Participation Summary

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.

24,762 test takers completed the SAT or a PSAT-related assessment (PSAT/NMSQT, PSAT 10, or PSAT 8/9) in the 2018-19 school year.
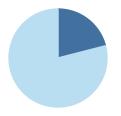
Class of 2019

SAT Takers[1]	4,957
High School Graduates[2]	25,077
SAT Participation Rate	20%

20% of graduates in the class of 2019 took the SAT during high school

Class of 2020

PSAT/NMSQT Takers[3]	7,080
11th-Grade Enrollment[2]	34,465
Participation Rate	21%

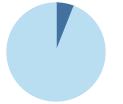21% of 11th graders took the PSAT/NMSQT last fall

Class of 2021

PSAT/NMSQT or PSAT 10 Takers[3]	9,823
10th-Grade Enrollment[2]	35,500
Participation Rate	28%

28% of 10th graders took the PSAT/NMSQT or PSAT 10 in 2018-19
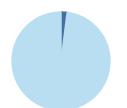
Class of 2022

PSAT 8/9 Takers[3]	2,222
9th-Grade Enrollment[2]	36,070
Participation Rate	6%

6% of 9th graders took the PSAT 8/9 in 2018-19

Class of 2023

PSAT 8/9 Takers[3]	864
8th-Grade Enrollment[2]	36,687
Participation Rate	2%

2% of 8th graders took the PSAT 8/9 in 2018-19

[1] Reflects 2019 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 2018-19 school year.

SAT Participation and Performance

Data reflect 2019 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

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Total	4,957		1156	580	576	66%	88%	69%	10%
Took Essay[1]	3,217	65%	1183	592	590	71%	90%	73%	8%

Race / Ethnicity

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	20	0%	1058	534	524	45%	70%	55%	20%
Asian	858	17%	1209	590	619	76%	88%	82%	7%
Black/African American	347	7%	1042	530	513	39%	72%	42%	25%
Hispanic/Latino	1,217	25%	1101	557	544	54%	82%	56%	16%
Native Hawaiian/Other Pacific Islander	46	1%	1063	541	522	43%	76%	48%	20%
White	1,940	39%	1191	600	591	76%	93%	77%	6%
Two or More Races	450	9%	1160	585	575	66%	93%	68%	6%
No Response	79	2%	1131	572	559	62%	84%	62%	16%

Sex

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	2,867	58%	1138	577	561	62%	87%	64%	11%
Male	2,090	42%	1181	585	597	72%	88%	75%	9%

First Language Learned

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	3,449	70%	1163	587	577	68%	90%	70%	9%
English and Another Language	983	20%	1131	565	566	61%	84%	64%	13%
Another Language	508	10%	1154	564	590	66%	81%	71%	13%
No Response	17	0%	1162	596	565	41%	88%	47%	6%

Highest Level of Parental Education

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	292	6%	1053	525	528	43%	72%	48%	23%
High School Diploma	1,442	29%	1109	558	551	56%	82%	59%	15%
Associate Degree	378	8%	1127	569	558	61%	89%	63%	9%
Bachelor's Degree	1,631	33%	1175	589	585	72%	91%	74%	7%
Graduate Degree	1,157	23%	1230	616	615	78%	93%	80%	5%
No Response	57	1%	1034	520	514	42%	65%	46%	32%

SAT Fee Waiver[2]

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Used at any point	943	19%	1088	549	539	50%	78%	53%	19%
Did not use	4,014	81%	1172	587	585	70%	90%	72%	8%

[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 2019 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	516	10%	700–800	515	10%	622	13%	
1200–1390	1,448	29%	600–690	1,700	34%	1,341	27%	
1000–1190	2,113	43%	500–590	1,855	37%	2,071	42%	
800–990	800	16%	400–490	792	16%	783	16%	
600–790	80		300–390	94		136		
400–590	0		200–290	1		4		
Mean	1156		Mean	580		576		
SD	175		SD	89		99		

Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	574	662
30–34	1,638	1,845
25–29	1,951	1,704
20–24	687	641
15–19	102	105
10–14	5	0
Mean	29	29
SD	5	5

Test Scores

	Reading	Writing and Language	Math
35–40	573	597	622
30–34.5	1,756	1,753	1,341
25–29.5	1,819	1,654	2,071
20–24.5	719	830	783
15–19.5	86	122	136
10–14.5	4	1	4
Mean	29	29	29
SD	5	5	5

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	856	867	1,136	837	804	1,048	964
10–12	2,462	2,035	2,052	1,736	1,696	1,875	1,857
7–9	1,305	1,702	1,466	1,562	2,044	1,419	1,639
4–6	300	349	295	773	395	500	445
1–3	34	4	8	49	18	115	52
Mean	10	10	10	10	10	10	10
SD	2	2	3	3	3	3	3

Essay[1]

	8	7	6	5	4	3	2	Mean	SD
Reading	43	180	1,151	812	813	158	60	5	1
Analysis	6	45	313	637	1,118	588	510	4	1
Writing	114	307	1,718	580	436	45	17	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 2019 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	4,957	2,867	2,090	20	858	347	1,217	46	1,940	450
Total Score										
1400–1600	10%	7%	15%	5%	18%	3%	4%	2%	13%	9%
1200–1390	29%	27%	32%	15%	32%	13%	22%	20%	35%	30%
1000–1190	43%	46%	38%	50%	38%	44%	49%	41%	40%	45%
800–990	16%	18%	14%	20%	11%	35%	22%	28%	11%	15%
600–790	2%	2%	2%	10%	1%	5%	3%	9%	0%	1%
400–590	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Section Scores - ERW										
700–800	10%	9%	13%	5%	14%	1%	6%	7%	14%	11%
600–690	34%	34%	34%	20%	36%	21%	28%	20%	40%	33%
500–590	37%	39%	36%	45%	33%	42%	41%	43%	35%	42%
400–490	16%	16%	15%	15%	14%	33%	22%	28%	11%	14%
300–390	2%	2%	2%	15%	3%	3%	3%	2%	1%	1%
200–290	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Section (Test) Scores - Math[1]										
700–800 (35–40)	13%	8%	19%	5%	24%	4%	6%	2%	14%	10%
600–690 (30–34.5)	27%	26%	29%	20%	31%	14%	20%	22%	32%	29%
500–590 (25–29.5)	42%	45%	37%	40%	36%	40%	47%	39%	41%	42%
400–490 (20–24.5)	16%	18%	12%	25%	8%	32%	22%	26%	11%	17%
300–390 (15–19.5)	3%	3%	2%	10%	1%	10%	4%	11%	1%	2%
200–290 (10–14.5)	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Test Scores - Reading										
35–40	12%	9%	15%	5%	15%	2%	8%	2%	15%	10%
30–34	35%	36%	35%	35%	34%	27%	30%	28%	41%	37%
25–29	37%	38%	35%	35%	34%	40%	41%	37%	34%	38%
20–24	15%	15%	14%	15%	14%	27%	18%	26%	10%	14%
15–19	2%	2%	2%	5%	3%	3%	2%	7%	1%	1%
10–14	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%
Test Scores - Writing and Language										
35–40	12%	11%	13%	5%	17%	2%	6%	9%	16%	14%
30–34	35%	35%	35%	25%	38%	20%	30%	17%	41%	36%
25–29	33%	35%	31%	40%	29%	39%	37%	46%	31%	34%
20–24	17%	16%	18%	15%	13%	33%	23%	28%	12%	15%
15–19	2%	2%	3%	15%	3%	5%	4%	0%	1%	2%
10–14	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

[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 2019 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	37	1%	1139	569	570
Architecture and Related Services	67	1%	1145	573	572
Area, Ethnic, Cultural, and Gender Studies	8	0%			
Biological and Biomedical Sciences	548	12%	1182	592	591
Business, Management, Marketing, and Related Support Services	493	11%	1121	558	563
Communication, Journalism, and Related Programs	84	2%	1143	585	559
Computer and Information Sciences and Support Services	228	5%	1241	614	628
Construction Trades, General	1	0%			
Education	125	3%	1090	555	535
Engineering	488	10%	1226	603	623
Engineering Technologies/Technicians	72	2%	1179	580	598
English Language and Literature/Letters	56	1%	1186	611	575
Family and Consumer Sciences/Human Sciences	12	0%	1077	529	548
Foreign Languages and Literatures, General	35	1%	1214	612	603
Health Professions and Related Clinical Sciences	951	20%	1131	568	563
History, General	21	0%	1190	609	581
Legal Studies, General	132	3%	1195	606	590
Liberal Arts and Sciences, General Studies and Humanities	26	1%	1144	588	555
Library Science/Librarianship	0				
Mathematics and Statistics	42	1%	1325	646	678
Mechanic and Repair Technologies/Technicians	2	0%			
Military Technologies	19	0%	1150	574	576
Multi/Interdisciplinary Studies	6	0%			
Natural Resources and Conservation	26	1%	1165	608	557
Parks, Recreation and Leisure Studies	18	0%	1051	529	522
Personal And Culinary Services, General	11	0%	1029	505	525
Philosophy and Religious Studies	14	0%	1213	611	601
Physical Sciences	88	2%	1260	624	636
Precision Production	0				
Psychology, General	192	4%	1136	584	552
Public Administration and Social Service Professions	22	0%	1063	545	519
Security and Protective Services	136	3%	1067	539	529
Social Sciences	83	2%	1237	637	600
Theology and Religious Vocations	3	0%			
Transportation and Materials Moving	0				
Visual and Performing Arts, General	348	7%	1138	582	556
Other	43	1%	1089	550	539
Undecided	239	5%	1165	582	583

Degree-Level Goal	Test Takers	Percent	Total	ERW	Math
Certificate Program	8	0%			
Associate Degree	27	1%	989	503	486
Bachelor's Degree	1,214	27%	1109	557	553
Master's Degree	1,439	32%	1170	587	584
Doctoral or Related Degree	1,420	31%	1205	606	600
Other	15	0%	994	483	511
Undecided	431	9%	1146	574	572

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

Of the 4,957 students from Nevada who took the SAT, 3,295 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 1,036 institutions received score reports from Nevada students.

Institution	State	Type	Number of Students	% of Score Senders[1]
University of Nevada: Reno	NV	Public College	1,540	46.7%
University of Nevada: Las Vegas	NV	Public College	1,143	34.7%
University of Southern California	CA	Private College	373	11.3%
University of California: Los Angeles	CA	Public College	284	8.6%
Arizona State University	AZ	Public College	269	8.2%
College of Southern Nevada	NV	Public College	263	8.0%
University of California: Berkeley	CA	Public College	229	6.9%
University of Washington	WA	Public College	209	6.3%
Stanford University	CA	Private College	201	6.1%
University of California: San Diego	CA	Public College	178	5.4%
University of Oregon	OR	Public College	173	5.3%
New York University	NY	Private College	171	5.2%
Northern Arizona University	AZ	Public College	169	5.1%
University of Utah	UT	Public College	169	5.1%
University of Arizona	AZ	Public College	166	5.0%
NCAA Eligibility Center	IN	Public College	153	4.6%
University of California: Irvine	CA	Public College	149	4.5%
University of Portland	OR	Private College	143	4.3%
Boston University	MA	Private College	139	4.2%
Truckee Meadows Community College	NV	Public College	131	4.0%
University of Pennsylvania	PA	Private College	129	3.9%
Princeton University	NJ	Private College	127	3.9%
San Diego State University	CA	Public College	126	3.8%
University of San Diego	CA	Private College	125	3.8%
Southern Utah University	UT	Public College	118	3.6%
Cornell University	NY	Private College	115	3.5%
University of California: Santa Barbara	CA	Public College	110	3.3%
Harvard College	MA	Private College	109	3.3%
Massachusetts Institute of Technology	MA	Private College	106	3.2%
University of California: Davis	CA	Public College	105	3.2%
Vanderbilt University	TN	Private College	104	3.2%
University of Michigan	MI	Public College	103	3.1%
NMSC Scholarship Admin	IL	NO ANSWER	102	3.1%
Duke University	NC	Private College	101	3.1%
Yale University	CT	Private College	99	3.0%
University of Colorado Boulder	CO	Public College	98	3.0%
Northeastern University	MA	Private College	91	2.8%
Loyola Marymount University	CA	Private College	90	2.7%
Columbia University	NY	Private College	89	2.7%
University of Chicago	IL	Private College	88	2.7%
Rice University	TX	Private College	84	2.5%
University of San Francisco	CA	Private College	83	2.5%
Boise State University	ID	Public College	81	2.5%
Washington State University	WA	Public College	79	2.4%
Brown University	RI	Private College	79	2.4%

[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 each institution listed.

PSAT/NMSQT and PSAT 10 Participation and Performance

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2018-19 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

Total

	Test Takers	Mean Score		
	Number	Total	ERW	Math
Total	17,297	1004	508	496
PSAT/NMSQT	17,140	1004	508	496
PSAT 10	158	1032	523	509

Sex

	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	9,170	53%	1007	515	492
Male	7,947	46%	1005	501	503
No Response	180	1%	814	407	407

Grade Level

	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	9,823	57%	959	483	476	47%	70%	50%	27%
11th Grade	7,079	41%	1068	543	525	54%	83%	55%	16%
Other/No Response	395	2%	980	497	484				

Race/Ethnicity

Total	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	151	1%	886	445	441
Asian	1,787	10%	1104	550	554
Black/African American	820	5%	938	481	458
Hispanic/Latino	5,384	31%	946	479	467
Native Hawaiian/Other Pacific Islander	131	1%	927	464	463
White	6,468	37%	1055	536	519
Two or More Races	1,333	8%	1048	531	516
No Response	1,223	7%	861	427	433

10th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	105	1%	870	434	436	23%	50%	26%	48%
Asian	841	9%	1070	532	539	73%	86%	76%	11%
Black/African American	406	4%	906	462	443	29%	64%	32%	34%
Hispanic/Latino	3,143	32%	896	451	445	31%	57%	34%	39%
Native Hawaiian/Other Pacific Islander	72	1%	876	433	443	28%	49%	31%	49%
White	3,636	37%	1018	517	501	61%	84%	63%	14%
Two or More Races	718	7%	1015	513	502	58%	81%	62%	15%
No Response	902	9%	834	411	423	21%	38%	25%	58%

11th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	42	1%	938	480	458	31%	62%	33%	36%
Asian	914	13%	1134	566	568	68%	86%	71%	11%
Black/African American	392	6%	970	498	472	30%	69%	31%	30%
Hispanic/Latino	2,135	30%	1022	521	500	44%	78%	45%	21%
Native Hawaiian/Other Pacific Islander	52	1%	1007	512	494	35%	75%	38%	21%
White	2,690	38%	1107	564	543	63%	89%	64%	10%
Two or More Races	595	8%	1088	554	534	58%	88%	59%	12%
No Response	259	4%	946	477	470	29%	57%	31%	41%

[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 2018-19 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	5,774	59%	995	504	491	55%	79%	58%	19%
English and Another Language	2,248	23%	924	464	460	38%	62%	41%	35%
Another Language	768	8%	918	457	461	38%	57%	40%	40%
No Response	1,033	11%	863	427	436	26%	45%	31%	51%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	4,562	64%	1083	552	531	57%	86%	58%	13%
English and Another Language	1,550	22%	1040	527	513	47%	79%	48%	20%
Another Language	563	8%	1059	532	527	54%	80%	56%	18%
No Response	404	6%	1012	512	500	44%	71%	46%	28%

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	1,089	11%	834	417	418	19%	41%	22%	56%
High School Diploma	2,725	28%	928	468	460	39%	65%	43%	31%
Associate Degree	609	6%	964	488	476	48%	76%	51%	22%
Bachelor's Degree	2,650	27%	1022	518	505	63%	85%	65%	13%
Graduate Degree	1,686	17%	1062	537	526	68%	87%	70%	11%
No Response	1,064	11%	840	415	424	20%	41%	24%	55%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	589	8%	984	498	486	35%	69%	37%	29%
High School Diploma	2,169	31%	1026	523	503	44%	79%	46%	20%
Associate Degree	474	7%	1051	536	515	49%	81%	50%	18%
Bachelor's Degree	2,093	30%	1100	558	542	62%	89%	63%	10%
Graduate Degree	1,429	20%	1151	585	567	72%	92%	72%	7%
No Response	325	5%	949	478	471	30%	58%	32%	40%

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)	700	7%	1139	575	564	83%	93%	84%	6%
A (93–96)	1,939	20%	1060	538	521	71%	90%	72%	9%
A- (90–92)	1,749	18%	1003	508	496	61%	84%	63%	13%
B (80–89)	3,106	32%	923	464	458	37%	66%	41%	31%
C (70–79)	1,013	10%	820	410	409	12%	38%	16%	59%
D, E, or F (below 70)	177	2%	765	383	382	9%	23%	11%	75%
No Response	1,139	12%	861	427	434	26%	45%	30%	51%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	644	9%	1239	625	614	88%	97%	88%	3%
A (93–96)	1,681	24%	1147	582	566	73%	93%	74%	6%
A- (90–92)	1,436	20%	1086	553	534	62%	90%	63%	9%
B (80–89)	2,412	34%	1001	510	491	37%	76%	39%	22%
C (70–79)	411	6%	909	465	443	17%	54%	18%	45%
D, E, or F (below 70)	27	0%	896	452	444	15%	48%	15%	52%
No Response	468	7%	988	501	487	38%	67%	39%	31%

[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 2018-19 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	7,079	3,981	3,078	42	914	392	2,135	52	2,690	595
Total Score										
1400–1520	4%	3%	5%	0%	12%	1%	1%	2%	4%	3%
1200–1390	19%	17%	21%	2%	23%	7%	12%	8%	25%	23%
1000–1190	43%	44%	43%	36%	42%	35%	43%	33%	46%	45%
800–990	28%	30%	26%	40%	19%	45%	35%	48%	22%	26%
600–790	6%	6%	6%	21%	4%	12%	8%	10%	2%	3%
320–590	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
Section Scores - ERW										
700–760	5%	4%	5%	0%	12%	2%	2%	0%	6%	4%
600–690	24%	24%	25%	2%	26%	12%	18%	17%	32%	30%
500–590	41%	43%	39%	40%	39%	38%	43%	40%	41%	44%
400–490	24%	23%	24%	38%	18%	36%	29%	37%	19%	18%
300–390	6%	6%	6%	19%	5%	12%	8%	6%	3%	4%
160–290	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
Section (Test) Scores - Math[1]										
700–760 (35–38)	6%	4%	9%	0%	16%	2%	2%	2%	7%	7%
600–690 (30–34.5)	16%	14%	18%	2%	21%	6%	10%	8%	20%	17%
500–590 (25–29.5)	38%	37%	38%	31%	37%	27%	37%	33%	41%	39%
400–490 (20–24.5)	34%	37%	29%	43%	21%	49%	41%	48%	29%	31%
300–390 (15–19.5)	7%	8%	5%	19%	5%	16%	10%	10%	3%	5%
160–290 (8–14.5)	0%	0%	0%	5%	0%	1%	0%	0%	0%	0%
Test Scores - Reading										
35–38	7%	6%	8%	2%	13%	2%	4%	0%	8%	6%
30–34	26%	25%	27%	5%	26%	16%	20%	21%	32%	31%
25–29	43%	45%	41%	57%	41%	42%	45%	42%	43%	43%
20–24	19%	19%	19%	26%	16%	28%	24%	29%	14%	16%
15–19	5%	5%	6%	10%	4%	11%	7%	8%	3%	4%
8–14	0%	0%	0%	0%	0%	1%	0%	0%	0%	0%
Test Scores - Writing and Language										
35–38	6%	6%	6%	0%	13%	3%	3%	2%	8%	6%
30–34	26%	26%	26%	0%	30%	14%	20%	17%	33%	29%
25–29	37%	39%	35%	40%	34%	34%	38%	42%	38%	41%
20–24	22%	22%	23%	36%	16%	34%	28%	31%	17%	19%
15–19	8%	7%	8%	24%	6%	14%	10%	8%	4%	4%
8–14	1%	1%	1%	0%	1%	2%	1%	0%	0%	1%

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

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 2018-19 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	9,823	5,005	4,710	105	841	406	3,143	72	3,636	718
Total Score										
1400–1520	1%	1%	2%	0%	4%	0%	0%	0%	1%	2%
1200–1390	9%	8%	9%	4%	20%	4%	4%	0%	12%	12%
1000–1190	32%	34%	30%	13%	42%	24%	22%	24%	42%	41%
800–990	39%	40%	37%	46%	27%	48%	44%	49%	36%	36%
600–790	19%	17%	21%	37%	7%	24%	29%	26%	8%	8%
320–590	1%	0%	1%	0%	0%	1%	1%	1%	0%	0%
Section Scores - ERW										
700–760	1%	1%	1%	0%	4%	0%	0%	0%	2%	2%
600–690	12%	14%	11%	6%	22%	9%	6%	0%	18%	16%
500–590	32%	35%	30%	17%	40%	26%	24%	28%	40%	42%
400–490	33%	33%	33%	40%	25%	40%	38%	40%	30%	29%
300–390	20%	16%	23%	35%	8%	23%	29%	29%	10%	11%
160–290	1%	1%	2%	2%	0%	1%	1%	3%	0%	0%
Section (Test) Scores - Math[1]										
700–760 (35–38)	2%	1%	3%	1%	8%	1%	1%	0%	2%	2%
600–690 (30–34.5)	7%	6%	9%	1%	19%	3%	3%	3%	10%	11%
500–590 (25–29.5)	29%	30%	29%	15%	39%	18%	20%	17%	38%	36%
400–490 (20–24.5)	43%	45%	40%	54%	27%	50%	48%	53%	40%	42%
300–390 (15–19.5)	17%	16%	18%	27%	6%	26%	26%	26%	8%	9%
160–290 (8–14.5)	2%	1%	2%	2%	1%	3%	2%	1%	1%	0%
Test Scores - Reading										
35–38	2%	2%	2%	1%	5%	1%	1%	0%	3%	4%
30–34	14%	15%	14%	7%	24%	9%	8%	4%	20%	17%
25–29	37%	40%	34%	23%	42%	33%	31%	28%	44%	45%
20–24	30%	29%	30%	39%	22%	37%	35%	46%	24%	25%
15–19	16%	14%	18%	30%	8%	18%	24%	21%	7%	9%
8–14	1%	1%	1%	1%	0%	2%	1%	1%	0%	0%
Test Scores - Writing and Language										
35–38	2%	2%	2%	1%	6%	0%	1%	0%	3%	3%
30–34	13%	15%	11%	5%	24%	9%	7%	4%	19%	16%
25–29	29%	32%	27%	14%	36%	28%	23%	24%	36%	38%
20–24	31%	31%	31%	35%	23%	32%	35%	32%	29%	29%
15–19	21%	18%	24%	38%	9%	27%	30%	35%	12%	13%
8–14	4%	2%	5%	7%	2%	4%	5%	6%	1%	1%

[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 2018-19 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	10th Grade Percent	11th Grade Test Takers	11th Grade Percent
Agriculture, Agriculture Operations, and Related Sciences	71	1%	41	1%
Architecture and Related Services	149	2%	130	2%
Area, Ethnic, Cultural, and Gender Studies	12	0%	8	0%
Biological and Biomedical Sciences	577	8%	564	9%
Business, Management, Marketing, and Related Support Services	513	7%	628	10%
Communication, Journalism, and Related Programs	89	1%	106	2%
Computer and Information Sciences and Support Services	251	3%	271	4%
Construction Trades, General	0		2	0%
Education	138	2%	150	2%
Engineering	692	9%	590	9%
Engineering Technologies/Technicians	124	2%	78	1%
English Language and Literature/Letters	67	1%	69	1%
Family and Consumer Sciences/Human Sciences	21	0%	16	0%
Foreign Languages and Literatures, General	47	1%	34	1%
Health Professions and Related Clinical Sciences	1,525	21%	1,297	21%
History, General	28	0%	25	0%
Legal Studies, General	201	3%	144	2%
Liberal Arts and Sciences, General Studies and Humanities	7	0%	22	0%
Library Science/Librarianship	0		0	0%
Mathematics and Statistics	32	0%	49	1%
Mechanic and Repair Technologies/Technicians	1	0%	4	0%
Military Technologies	56	1%	32	1%
Multi/Interdisciplinary Studies	16	0%	13	0%
Natural Resources and Conservation	29	0%	32	1%
Parks, Recreation and Leisure Studies	33	0%	18	0%
Personal And Culinary Services, General	4	0%	3	0%
Philosophy and Religious Studies	19	0%	12	0%
Physical Sciences	106	1%	120	2%
Precision Production	0		0	0%
Psychology, General	212	3%	263	4%
Public Administration and Social Service Professions	21	0%	28	0%
Security and Protective Services	338	5%	253	4%
Social Sciences	90	1%	108	2%
Theology and Religious Vocations	5	0%	3	0%
Transportation and Materials Moving	1	0%	2	0%
Visual and Performing Arts, General	654	9%	586	9%
Other	175	2%	84	1%
Undecided	1,061	14%	451	7%

CollegeBoard **PSAT 8/9**

PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2018-19 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	3,149		908	460	448
Fall	2,651		906	458	448
Spring	1,012		880	445	434

Sex

Sex	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	1,526	48%	913	468	445
Male	1,573	50%	906	453	453
No Response	50	2%	819	425	394

Grade Level

Grade Level	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	864	27%	908	462	446	55%	80%	59%	16%
9th Grade	2,222	71%	910	461	450	49%	67%	52%	30%
Other / No Response	63	2%	827	417	410				

Race/Ethnicity

Total	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	46	1%	882	449	432
Asian	342	11%	1016	504	512
Black/African American	241	8%	836	423	413
Hispanic/Latino	891	28%	840	427	413
Native Hawaiian/Other Pacific Islander	37	1%	823	409	414
White	1,017	32%	963	490	473
Two or More Races	244	8%	967	491	476
No Response	331	11%	831	424	407

8th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	6	1%							
Asian	94	11%	1012	502	510	76%	89%	81%	5%
Black/African American	61	7%	850	432	418	34%	67%	39%	28%
Hispanic/Latino	156	18%	866	443	423	44%	74%	47%	23%
Native Hawaiian/Other Pacific Islander	19	2%	787	398	388	21%	53%	21%	47%
White	317	37%	923	470	453	59%	85%	64%	10%
Two or More Races	67	8%	944	478	466	67%	82%	72%	13%
No Response	144	17%	878	453	425	51%	76%	52%	22%

9th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	37	2%	888	451	437	38%	59%	38%	41%
Asian	242	11%	1018	506	513	71%	83%	74%	14%
Black/African American	180	8%	831	420	411	28%	46%	34%	49%
Hispanic/Latino	712	32%	837	424	412	30%	51%	33%	46%
Native Hawaiian/Other Pacific Islander	18	1%	861	421	441	39%	56%	44%	39%
White	694	31%	982	500	482	68%	85%	71%	12%
Two or More Races	176	8%	975	496	480	65%	80%	66%	19%
No Response	163	7%	796	401	395	22%	44%	26%	52%

[1]Based on grade-level benchmarks.

PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2018-19 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	520	60%	911	465	446	56%	82%	60%	14%
English and Another Language	172	20%	900	454	446	53%	73%	58%	23%
Another Language	57	7%	944	466	477	54%	75%	67%	12%
No Response	115	13%	887	457	430	53%	79%	54%	20%

9th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,288	58%	949	482	467	59%	76%	62%	21%
English and Another Language	533	24%	886	447	440	42%	59%	44%	39%
Another Language	198	9%	845	421	424	31%	48%	35%	47%
No Response	203	9%	790	401	389	20%	43%	24%	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)	70	8%	1067	547	520	91%	94%	91%	6%
A (93–96)	218	25%	977	495	482	73%	90%	77%	6%
A- (90–92)	130	15%	917	465	453	64%	88%	66%	10%
B (80–89)	229	27%	831	422	410	33%	67%	38%	27%
C (70–79)	30	3%	839	432	408	20%	73%	30%	17%
D, E, or F (below 70)	7	1%							
No Response	180	21%	872	446	427	48%	73%	52%	22%

9th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	132	6%	1071	543	528	80%	86%	80%	14%
A (93–96)	500	23%	1022	518	504	78%	88%	79%	10%
A- (90–92)	417	19%	961	487	474	65%	82%	67%	16%
B (80–89)	708	32%	869	439	430	36%	61%	41%	34%
C (70–79)	211	9%	748	379	369	9%	26%	12%	72%
D, E, or F (below 70)	38	2%	719	362	357	8%	16%	13%	79%
No Response	216	10%	785	398	387	19%	42%	23%	55%

[1] Based on grade-level benchmarks.

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

Data reflect students who took the PSAT 8/9 during the 2018-19 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	2,222	1,095	1,119	37	242	180	712	18	694	176

Total Score

1400–1440	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1200–1390	6%	6%	6%	0%	14%	2%	3%	0%	8%	10%
1000–1190	27%	27%	27%	24%	41%	16%	16%	17%	38%	36%
800–990	38%	39%	36%	49%	31%	37%	36%	50%	43%	34%
600–790	26%	25%	27%	27%	12%	41%	41%	33%	10%	19%
240–590	3%	3%	3%	0%	1%	4%	5%	0%	0%	1%

Section Scores - ERW

700–720	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
600–690	10%	10%	9%	0%	19%	3%	4%	0%	15%	17%
500–590	28%	30%	27%	35%	38%	20%	19%	17%	37%	37%
400–490	33%	34%	32%	32%	29%	28%	34%	44%	36%	30%
300–390	27%	25%	28%	32%	14%	47%	39%	39%	12%	15%
120–290	3%	1%	4%	0%	1%	2%	4%	0%	1%	1%

Section (Test) Scores - Math[1]

700–720 (35–36)	1%	1%	1%	0%	5%	0%	0%	0%	1%	1%
600–690 (30–34.5)	5%	4%	7%	0%	12%	2%	3%	6%	6%	8%
500–590 (25–29.5)	25%	25%	26%	19%	42%	13%	15%	22%	36%	31%
400–490 (20–24.5)	40%	42%	38%	54%	28%	42%	37%	44%	46%	39%
300–390 (15–19.5)	23%	23%	23%	24%	11%	32%	35%	28%	11%	19%
120–290 (6–14.5)	6%	6%	6%	3%	2%	11%	9%	0%	1%	2%

Test Scores - Reading

35–36	1%	1%	1%	0%	1%	1%	0%	0%	2%	1%
30–34	12%	13%	12%	5%	24%	6%	6%	0%	17%	20%
25–29	29%	30%	28%	30%	38%	18%	21%	22%	38%	36%
20–24	31%	32%	30%	35%	27%	33%	33%	50%	32%	27%
15–19	26%	24%	27%	30%	11%	42%	38%	28%	11%	16%
6–14	1%	0%	2%	0%	0%	1%	2%	0%	0%	0%

Test Scores - Writing and Language

35–36	1%	1%	1%	0%	4%	1%	0%	0%	1%	2%
30–34	9%	9%	8%	0%	10%	4%	4%	0%	15%	15%
25–29	29%	31%	28%	32%	43%	21%	19%	11%	39%	36%
20–24	31%	32%	31%	35%	28%	26%	34%	50%	32%	28%
15–19	25%	24%	27%	32%	14%	42%	37%	39%	12%	18%
6–14	4%	3%	5%	0%	2%	7%	6%	0%	1%	1%

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

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

Data reflect students who took the PSAT 8/9 during the 2018-19 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	864	418	435	6	94	61	156	19	317	67

Total Score

1400–1440	0%	0%	0%		2%	0%	0%	0%	0%	0%
1200–1390	3%	4%	3%		14%	0%	2%	0%	3%	3%
1000–1190	22%	22%	21%		36%	18%	11%	11%	23%	39%
800–990	50%	51%	49%		34%	41%	54%	21%	57%	40%
600–790	24%	22%	25%		14%	41%	33%	68%	16%	16%
240–590	1%	0%	1%		0%	0%	0%	0%	0%	1%

Section Scores - ERW

700–720	0%	0%	0%		1%	0%	0%	0%	0%	0%
600–690	6%	7%	5%		14%	2%	3%	0%	7%	6%
500–590	27%	31%	23%		40%	18%	21%	5%	26%	42%
400–490	44%	43%	44%		30%	44%	46%	47%	49%	33%
300–390	22%	19%	26%		15%	36%	30%	42%	17%	18%
120–290	1%	0%	1%		0%	0%	0%	5%	0%	1%

Section (Test) Scores - Math[1]

700–720 (35–36)	1%	0%	2%		3%	0%	0%	0%	1%	1%
600–690 (30–34.5)	3%	3%	2%		15%	0%	1%	0%	2%	1%
500–590 (25–29.5)	20%	18%	23%		36%	15%	13%	11%	22%	40%
400–490 (20–24.5)	50%	53%	47%		36%	39%	49%	21%	56%	42%
300–390 (15–19.5)	24%	25%	23%		10%	46%	35%	68%	17%	12%
120–290 (6–14.5)	2%	1%	2%		0%	0%	1%	0%	1%	3%

Test Scores - Reading

35–36	0%	0%	0%		1%	0%	0%	0%	0%	0%
30–34	9%	10%	8%		20%	8%	5%	5%	9%	10%
25–29	29%	31%	26%		39%	16%	21%	11%	30%	42%
20–24	42%	42%	43%		28%	46%	46%	37%	46%	33%
15–19	19%	17%	22%		11%	30%	28%	42%	14%	15%
6–14	1%	0%	1%		1%	0%	0%	5%	0%	0%

Test Scores - Writing and Language

35–36	1%	1%	1%		4%	0%	0%	0%	0%	1%
30–34	5%	6%	4%		10%	2%	3%	0%	6%	10%
25–29	31%	36%	26%		43%	18%	25%	5%	34%	31%
20–24	39%	38%	41%		30%	39%	46%	42%	40%	40%
15–19	23%	19%	26%		14%	41%	26%	47%	19%	13%
6–14	1%	0%	1%		0%	0%	1%	5%	0%	3%

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

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 2019 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 2018-19 school year. PSAT 8/9 data reflect 8th or 9th grade students who took the PSAT 8/9 during the 2018-19 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	1270	640	640	32	32	32	32	33
50th	1150	580	570	29	29	28.5	29	30
25th	1040	520	510	26	26	25.5	26	26

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	1180	610	580	30	30	29	31	30
50th	1060	550	520	27	27	26	27	27
25th	950	480	460	25	24	23	24	23

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	1080	550	530	28	27	26.5	28	28
50th	960	480	470	25	24	23.5	24	24
25th	830	410	410	21	20	20.5	21	21

PSAT 8/9 - Grade 9

Percentile	Total	Section ERW	Math	Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
75th	1040	530	500	27	27	25	26	27
50th	910	460	450	23	23	22.5	22	23
25th	770	380	390	19	19	19.5	19	19

PSAT 8/9 - Grade 8

Percentile	Total	Section ERW	Math	Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
75th	1000	520	490	26	26	24.5	25	26
50th	900	460	440	23	23	22	22	23
25th	800	400	390	20	20	19.5	20	20