

2019

SAT Suite of Assessments Annual Report

SAT.

PSAT/NMSQT

PSAT¹⁰

PSAT⁸/9

Massachusetts

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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 $^{\text{TM}}$ 10, and PSAT $^{\text{TM}}$ 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.

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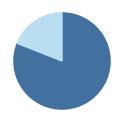
SAT Suite Participation Summary

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.

164,904 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

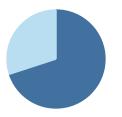
SAT Takers ¹	59,671
High School Graduates ²	73,564
SAT Participation Rate	81%



81% of graduates in the class of 2019 took the SAT during high school

Class of 2020

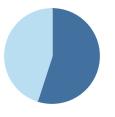
PSAT/NMSQT Takers ³	54.665
FOAT/MINIOQT Takers	34,003
11th-Grade Enrollment ²	78,065
Participation Rate	70%



70% of 11th graders took the PSAT/NMSQT last fall

Class of 2021

PSAT/NMSQT or PSAT 10 Takers ³	44,357
10th-Grade Enrollment ²	80,800
Participation Rate	55%



55% of 10th graders took the PSAT/NMSQT or PSAT 10 in 2018-19

Class of 2022

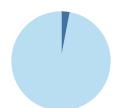
PSAT 8/9 Takers³	11,283
9th-Grade Enrollment ²	85,147
Participation Rate	13%



13% of 9th graders took the PSAT 8/9 in 2018-19

Class of 2023

PSAT 8/9 Takers ³	2,649
8th-Grade Enrollment ²	77,498
Participation Rate	3%



3% 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	Te	st Takers		Mean Score			Met Benchmarks			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
Total	59,671		1120	559	561	58%	77%	60%	20%	
Took Essay ¹	37,462	63%	1172	585	587	68%	85%	70%	13%	
Race / Ethnicity	Test Takers			Mean Sco	re		Met Ben	chmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
American Indian/Alaska Native	180	0%	985	493	493	33%	57%	35%	41%	
Asian	5,342	9%	1244	597	647	76%	84%	82%	11%	
Black/African American	4,762	8%	969	485	484	28%	50%	31%	47%	
Hispanic/Latino	8,442	14%	997	499	498	33%	55%	36%	42%	
Native Hawaiian/Other Pacific Islander	31	0%	1017	504	513	35%	48%	35%	52%	
White	36,647	61%	1158	581	577	67%	87%	68%	12%	
Two or More Races	2,136	4%	1140	571	569	60%	80%	62%	18%	
No Response	2,131	4%	985	494	491	33%	51%	35%	47%	
Sex	Test Takers		Mean Score			Met Benchmarks				
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
Female	31,536	53%	1108	559	549	55%	78%	56%	21%	
Male	28,093	47%	1135	561	574	62%	77%	65%	20%	
No Response	42	0%	806	397	409	12%	19%	14%	79%	
First Language Learned	Te	st Takers		Mean Sco	re		Met Ben	chmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	Non	
English Only	43,448	73%	1138	571	567	62%	83%	64%	15%	
English and Another Language	9,467	16%	1086	538	548	49%	67%	52%	30%	
Another Language	5,556	9%	1074	520	553	47%	60%	53%	34%	
No Response	1,200	2%	952	475	478	28%	43%	30%	55%	
Highest Level of Parental Education	Te	st Takers	Mean Score			Met Benchmarks				
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
No High School Diploma	3,204	5%	958	472	487	26%	44%	31%	51%	
High School Diploma	13,523	23%	1029	514	515	40%	64%	43%	32%	
Associate Degree	4,160	7%	1061	532	529	47%	73%	50%	24%	
Bachelor's Degree	19,455	33%	1146	573	573	65%	85%	68%	12%	
Graduate Degree	16,970	28%	1236	617	619	78%	91%	79%	7%	
No Response	2,359	4%	915	456	459	21%	38%	24%	60%	
SAT Fee Waiver ²	Te	st Takers		Mean Sco	re		Met Ben	chmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
Used at any point	13,009	22%	1005	501	504	34%	57%	38%	39%	
* *										

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	6,298	11%	700–800	6,233	10%	7,878	3%
1200–1390	15,365	26%	600–690	16,804	28%	13,750	23%
1000-1190	21,054	35%	500-590	19,712	33%	21,504	36%
800–990	13,451	23%	400–490	13,253	22%	12,340	21%
600–790	3,397	6%	300–390	3,504	6	4,028 7%	
400–590	106		200–290	165		171	
Mean	1120		Mean	559		561	
SD	206		SD	104		112	

Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	7,268	8,063
30–34	16,301	18,612
25–29	21,757	18,098
20–24	10,957	11,490
15–19	3,088	3,177
10–14	300	231
Mean	28	28
SD	5	5

Test Scores

	Reading	Writing and Language	Math
35–40	7,050	7,043	7,878
30–34.5	18,064	16,519	13,750
25–29.5	19,679	18,180	21,504
20–24.5	11,908	13,546	12,340
15–19.5	2,790	4,123	4,028
10–14.5	180	260	171
Mean	28	28	28
SD	5	6	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	9,130	10,731	12,684	8,867	9,652	12,811	11,656
10–12	25,452	19,563	19,846	17,524	18,015	19,793	17,756
7–9	16,819	21,173	19,137	17,716	23,487	15,982	20,232
4–6	6,748	7,966	7,310	13,356	7,750	8,407	8,810
1–3	1,522	238	694	2,208	767	2,678	1,217
Mean	10	10	10	9	9	10	9
SD	3	3	3	3	3	3	3

Essay¹

	8	7	6	5	4	3	2	Mean	SD
Reading	463	1,866	14,189	9,112	9,099	1,764	969	5	1
Analysis	58	461	3,736	6,943	12,442	6,553	7,269	4	1
Writing	833	2,955	19,617	7,010	5,920	714	413	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 o More Races
Test Takers	59,671	31,536	28,093	180	5,342	4,762	8,442	31	36,647	2,136
Total Score										
1400–1600	11%	9%	12%	3%	30%	2%	3%	6%	11%	13%
1200-1390	26%	24%	27%	9%	30%	10%	13%	10%	31%	25%
1000–1190	35%	37%	34%	33%	24%	30%	30%	26%	39%	35%
800–990	23%	24%	21%	38%	14%	42%	38%	52%	17%	22%
600–790	6%	6%	6%	16%	2%	17%	15%	6%	2%	4%
400–590	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Section Scores	- ERW									
700–800	10%	10%	11%	2%	23%	2%	4%	0%	11%	14%
600–690	28%	28%	29%	10%	31%	12%	15%	23%	34%	29%
500–590	33%	34%	32%	36%	26%	28%	29%	23%	36%	31%
400–490	22%	23%	22%	37%	17%	41%	37%	52%	17%	23%
300–390	6%	6%	6%	16%	4%	16%	15%	3%	2%	4%
200–290	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
600–690 (30–34.5)	23%	21%	25%	11%	26%	9%	12%	19%	28%	23%
Section (Test) S 700–800 (35–40)	13%	10%	16%	5%	41%	3%	4%	6%	13%	15%
600–690 (30–34.5)						9%			28%	23%
500–590 (25–29.5)		37%	34%	32%	22%	33%	33%	16%	40%	35%
400–490 (20–24.5)		23%	18%	33%	9%	37%	34%	48%	17%	21%
300–390 (15–19.5)		7%	6%	18%	2%	18%	16%	6%	3%	5%
200–290 (10–14.5)	0%	0%	0%	1%	0%	1%	1%	3%	0%	0%
Test Scores - R	eading									
35–40	12%	11%	13%	2%	22%	3%	5%	0%	13%	16%
30–34	30%	29%	31%	16%	31%	14%	18%	26%	36%	31%
25–29	33%	35%	31%	36%	27%	31%	32%	29%	35%	32%
20–24	20%	21%	19%	36%	16%	38%	34%	39%	14%	18%
15–19	5%	5%	5%	10%	4%	13%	11%	6%	2%	3%
10–14	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%
Test Scores - W	riting and	Language	e							
35–40	12%	12%	12%	2%	26%	3%	4%	0%	13%	15%
30–34	28%	28%	28%	10%	30%	13%	14%	19%	33%	28%
25–29	30%	31%	30%	36%	23%	26%	27%	29%	33%	29%
20–24	23%	23%	23%	36%	16%	40%	36%	45%	18%	23%
15–19	7%	7%	7%	16%	4%	18%	17%	6%	3%	5%
10–14	0%	0%	1%	1%	0%	1%	1%	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.

				Mean Score	
Intended College Major	Test Takers	Percent	Total	ERW	Math
Agriculture, Agriculture Operations, and Related Sciences	368	1%	1027	521	506
Architecture and Related Services	674	1%	1095	542	553
Area, Ethnic, Cultural, and Gender Studies	83	0%	1134	585	549
Biological and Biomedical Sciences	4,760	9%	1189	594	595
Business, Management, Marketing, and Related Support Services	7,433	14%	1122	555	567
Communication, Journalism, and Related Programs	1,158	2%	1108	566	542
Computer and Information Sciences and Support Services	2,242	4%	1208	595	613
Construction Trades, General	65	0%	966	481	485
Education	2,173	4%	1060	536	524
Engineering	4,753	9%	1193	582	611
Engineering Technologies/Technicians	747	1%	1100	536	564
English Language and Literature/Letters	535	1%	1171	610	561
Family and Consumer Sciences/Human Sciences	132	0%	1026	519	507
Foreign Languages and Literatures, General	283	1%	1196	610	586
Health Professions and Related Clinical Sciences	8,023	16%	1089	546	543
History, General	505	1%	1164	601	563
Legal Studies, General	957	2%	1147	580	567
Liberal Arts and Sciences, General Studies and Humanities	441	1%	1178	601	577
Library Science/Librarianship	6	0%			
Mathematics and Statistics	637	1%	1300	623	677
Mechanic and Repair Technologies/Technicians	70	0%	985	483	502
Military Technologies	151	0%	1080	538	541
Multi/Interdisciplinary Studies	76	0%	1271	638	633
Natural Resources and Conservation	354	1%	1183	600	582
Parks, Recreation and Leisure Studies	357	1%	1024	511	514
Personal And Culinary Services, General	113	0%	1007	504	503
Philosophy and Religious Studies	88	0%	1163	588	575
Physical Sciences	808	2%	1260	622	638
Precision Production	5	0%			
Psychology, General	2,279	4%	1100	561	539
Public Administration and Social Service Professions	210	0%	1089	550	538
Security and Protective Services	2,058	4%	1020	514	506
Social Sciences	1,156	2%	1232	625	607
Theology and Religious Vocations	23	0%	1104	561	543
Transportation and Materials Moving	10	0%	1104	546	558
Visual and Performing Arts, General	3,250	6%	1108	564	545
Other	557	1%	1023	512	511
Undecided	4,168	8%	1163	580	583
Degree-Level Goal					
Certificate Program	214	0%	974	484	489
Associate Degree	356	1%	925	466	459
Bachelor's Degree	13,469	28%	1074	538	536
Master's Degree	17,362	36%	1158	578	580
Doctoral or Related Degree	9,360	19%	1214	605	609
Other	232	0%	961	478	483
Undecided	7,609	16%	1142	571	571



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

Of the 59,671 students from Massachusetts who took the SAT, 46,517 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 2,208 institutions received score reports from Massachusetts students.

Institution	State	Туре	Number of Students	% of Score Senders ¹
University of Massachusetts Amherst	MA	Public College	19,792	42.5%
Northeastern University	MA	Private College	9,118	19.6%
University of Massachusetts Lowell	MA	Public College	9,035	19.4%
University of Massachusetts Boston	MA	Public College	8,473	18.2%
Boston University	MA	Private College	8,117	17.4%
University of New Hampshire	NH	Public College	6,793	14.6%
University of Massachusetts Dartmouth	MA	Public College	6,195	13.3%
University of Rhode Island	RI	Public College	5,864	12.6%
Bridgewater State University	MA	Public College	5,633	12.1%
Boston College	MA	Private College	5,508	11.8%
University of Connecticut	CT	Public College	4,719	10.1%
Framingham State University	MA	Public College	4,385	9.4%
Salem State University	MA	Public College	4,379	9.4%
Westfield State University	MA	Public College	3,925	8.4%
Suffolk University	MA	Private College	3,860	8.3%
University of Vermont	VT	Public College	3,754	8.1%
Merrimack College	MA	Private College	3,571	7.7%
University of Maine	ME	Public College	3,211	6.9%
Wentworth Institute of Technology	MA	Private College	3,210	6.9%
Worcester State University	MA	Public College	3,196	6.9%
Worcester Polytechnic Institute	MA	Private College	3,029	6.5%
Tufts University	MA	Private College	2,959	6.4%
Bentley University	MA	Private College	2,788	6.0%
New York University	NY	Private College	2,783	6.0%
Syracuse University	NY	Private College	2,633	5.7%
Quinnipiac University	CT	Private College	2,626	5.6%
Providence College	RI	Private College	2,620	5.6%
Fitchburg State University	MA	Public College	2,446	5.3%
Stonehill College	MA	Private College	2,407	5.2%
<u> </u>	PA	Public College	2,340	5.0%
Penn State University Park				4.9%
Bryant University	RI RI	Private College	2,296	
Brown University		Private College Private College	2,272	4.9%
Harvard College	MA		2,267	4.9%
Fordham University	NY	Private College	2,195	4.7%
Endicott College	MA	Private College	2,097	4.5%
Cornell University	NY	Private College	2,024	4.4%
Curry College	MA	Private College	2,019	4.3%
Roger Williams University	RI	Private College	1,992	4.3%
Brandeis University	MA	Private College	1,972	4.2%
Emmanuel College	MA	Private College	1,875	4.0%
University of Michigan	MI	Public College	1,765	3.8%
Assumption College	MA	Private College	1,738	3.7%
MCPHS University	MA	Private College	1,709	3.7%
Fairfield University	CT	Private College	1,552	3.3%
NCAA Eligibility Center	IN	Public College	1,546	3.3%

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

Total	Test Takers		Mean Scor	е
	Number	Total	ERW	Math
Total	100,444	1007	506	502
PSAT/NMSQT	99,059	1007	505	502
PSAT 10	1,460	1018	509	509

Sex	Te	st Takers		Mean Scor	·e
	Number	Percent	Total	ERW	Math
Female	51,830	52%	1014	515	499
Male	48,027	48%	1002	496	506
No Response	587	1%	808	401	407

Grade Level	Te	st Takers		Mean Scor	е		Met Bei	nchmarks¹	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	44,357	44%	973	489	484	51%	70%	53%	27%
11th Grade	54,668	54%	1039	521	518	51%	72%	53%	26%
Other/No Response	1,419	1%	882	441	441				

Race/Ethnicity	Te	st Takers		Mean Scor	е
Total	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	628	1%	849	422	427
Asian	8,595	9%	1141	554	588
Black/African American	7,355	7%	887	443	445
Hispanic/Latino	16,444	16%	887	443	444
Native Hawaiian/Other Pacific Islander	107	0%	927	461	465
White	53,807	54%	1062	537	525
Two or More Races	3,529	4%	1058	534	524
No Response	9,979	10%	876	438	438

	Te	st Takers		Mean Scor	е		Met Be	nchmarks	1
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	387	1%	844	419	425	24%	46%	27%	51%
Asian	3,698	8%	1108	539	569	75%	84%	80%	11%
Black/African American	2,961	7%	868	433	435	28%	50%	31%	47%
Hispanic/Latino	7,375	17%	859	428	431	27%	46%	30%	50%
Native Hawaiian/Other Pacific Islander	55	0%	930	467	464	40%	64%	44%	33%
White	21,825	49%	1029	521	508	63%	84%	65%	14%
Two or More Races	1,482	3%	1035	523	512	62%	80%	65%	17%
No Response	6,574	15%	878	440	439	32%	51%	34%	47%

	Tes	t Takers		Mean Scor	re		Met Be	nchmarks	I
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	237	0%	855	425	430	16%	37%	19%	60%
Asian	4,824	9%	1168	566	602	73%	82%	78%	12%
Black/African American	4,200	8%	905	452	453	24%	47%	26%	51%
Hispanic/Latino	8,799	16%	913	457	456	27%	49%	29%	49%
Native Hawaiian/Other Pacific Islander	49	0%	931	462	470	35%	55%	39%	41%
White	31,430	57%	1086	549	538	60%	84%	62%	15%
Two or More Races	2,012	4%	1078	544	534	58%	79%	59%	20%
No Response	3,117	6%	879	439	440	24%	39%	25%	59%

¹ Based on grade-level benchmarks.



PSAT/NMSQT and **PSAT 10** Participation and Performance

First Language Learned	Te	st Takers		Mean Scor	re		Met Be	enchmarks	1
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	26,564	60%	1007	509	498	58%	79%	60%	19%
English and Another Language	8,399	19%	943	468	475	43%	61%	46%	36%
Another Language	3,045	7%	934	455	479	42%	55%	47%	39%
No Response	6,349	14%	888	445	443	34%	52%	37%	46%
	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	37,671	69%	1067	538	529	56%	79%	58%	19%
English and Another Language	10,171	19%	1001	497	504	42%	61%	45%	36%
Another Language	4,473	8%	985	480	505	40%	53%	46%	41%
No Response	2,353	4%	850	424	425	20%	34%	21%	64%
Highest Level of Parental Educa	ation To	ot Takara		Mean Sco			Mat Da	an a la ma a rika	1
_		st Takers	Total			Doth		enchmarks	
10th Grade	Number	Percent	Total	ERW 410	Math	Both	ERW	Math	None
No High School Diploma	2,191	5%	831	410	421	21%	39%	26%	56%
High School Diploma	8,882	20%	912	456	456	37%	60%	41%	36%
Associate Degree	2,028	5%	953	479	474	47%	72%	50%	24%
Bachelor's Degree	12,313	28%	1033	521	512	65%	85%	67%	13%
Graduate Degree	9,159	21%	1099	554	545	74%	89%	76%	9%
No Response	9,784	22%	870	436	435	30%	49%	33%	48%
	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	3,216	6%	876	432	444	20%	38%	24%	59%
High School Diploma	12,186	22%	951	476	476	32%	58%	35%	39%
Associate Degree	3,332	6%	990	497	493	40%	68%	42%	29%
Bachelor's Degree	17,053	31%	1076	541	535	59%	82%	61%	16%
Graduate Degree	15,469	28%	1158	583	575	73%	89%	74%	10%
No Response	3,412	6%	820	408	411	13%	29%	15%	69%
High School Grade Point Average	ne Ta	ot Takawa		Maan Caa			Mat Da		1
		st Takers	Total	Mean Sco	_	Dath		enchmarks	
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	1,733	4%	1138	572	566	79%	87%	80%	12%
A (93–96)	8,176	18%	1103	556	547	78%	89%	80%	9%
A- (90–92)	8,724	20%	1041	524	517	68%	87%	70%	11%
B (80–89)	14,030	32%	926	465	461	39%	66%	43%	30%
C (70–79)	3,144	7%	802	399	403	13%	32%	16%	65%
D, E, or F (below 70)	372	1%	748	373	375	9%	22%	12%	76%
No Response	8,178	18%	892	447	445	34%	52%	37%	45%
		st Takers		Mean Sco				enchmarks	
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	2,186	4%	1216	608	608	82%	90%	83%	9%
A (93–96)	9,324	17%	1183	593	590	78%	90%	80%	9%
A (OO OO)	11,726	21%	1116	560	556	69%	87%	71%	11%
A- (90–92)						400/			
B (80–89)	22,636	41%	990	497	493	40%	69%	43%	28%
	22,636 5,009	41% 9%	990 855	497 427	493 428	40% 13%	69% 36%	43% 15%	
B (80-89)									28% 62% 78%

¹ Based on grade-level benchmarks.



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

nts Female 58 28,123 4% 6 19% 6 36% 6 29%	26,396 6% 19% 33% 26%	237 0% 1% 18%	4,824 18% 29% 29%	1% 6%	8,799 1% 7%	49 2% 10%	31,430 4% 23%	2,012 7%
6 19% 6 36% 6 29%	19% 33%	1%	29%	6%				
6 19% 6 36% 6 29%	19% 33%	1%	29%	6%				
% 36% % 29%	33%				7%	10%	23%	/
% 36% % 29%	33%		29%					23%
	26%			23%	25%	29%	42%	35%
1 440/	_0,0	41%	18%	40%	37%	29%	25%	26%
6 11%	14%	35%	5%	28%	28%	29%	5%	8%
1%	1%	4%	0%	2%	3%	2%	0%	1%
1								
	5%	0%	14%	1%	1%	2%	6%	8%
								27%
	32%	21%	29%	25%	24%	27%	39%	33%
			18%					23%
		37%	9%					9%
		5%	1%					1%
% 14%	17%	2%	24%	5%	7%	10%	19%	17%
	10%	0%	29%	1%	2%	4%	7%	10%
								35%
								28%
								8% 1%
	70/	00/	400/	40/	20/	20/	00/	400/
								10%
								27%
								36%
								20%
								7% 0%
1 70	1 70	370	1 70	370	370	4 70	070	070
	24% % 11% % 1% - Math ¹ % 6%	6 6% 5% 21% 32% 21% 35% 32% 24% 24% 36% 11% 17% 36 10% 34% 32% 33% 28% 36% 21% 21% 38% 36% 21% 21% 36% 36% 21% 21% 36% 36% 21% 21% 36% 36% 21% 21% 36% 36% 21% 21% 36% 36% 21% 31% 36% 36% 21% 31% 36% 36% 21% 31% 36% 36% 36% 36% 36% 36% 36% 36% 36% 36	6 6% 5% 0% 6 23% 21% 3% 76 35% 32% 21% 76 24% 24% 35% 76 11% 17% 37% 76 10% 0% 77 29% 78 21% 34% 78 32% 18% 78 33% 28% 44% 78 11% 11% 30% 78 29% 6% 79 29% 6% 79 38% 36% 27% 79 21% 36% 70 14% 29%	6 6% 5% 0% 14% 6% 23% 21% 3% 30% 30% 35% 32% 21% 29% 6% 11% 17% 37% 9% 6 11% 27% 5% 11% 6 6% 10% 0% 29% 6% 34% 32% 18% 27% 32% 33% 28% 44% 16% 6 2% 2% 6% 0% 6 10% 0% 6 2% 6 6% 0% 6 6 2% 2% 5% 28% 6% 0% 6 23% 22% 5% 28% 6% 38% 36% 27% 32% 6% 21% 21% 36% 16% 6% 10% 10% 14% 29% 7%	6 6% 5% 0% 14% 1% 6 23% 21% 3% 30% 8% 6 35% 32% 21% 29% 25% 6 24% 24% 35% 18% 34% 6 11% 17% 37% 9% 29% 6 1% 2% 5% 1% 4% 7 Math¹ 6 6% 10% 0% 29% 1% 7 34% 32% 18% 27% 23% 7 33% 28% 44% 16% 43% 7 11% 11% 30% 3% 24% 7 2% 6% 0% 4% 7 38% 36% 27% 32% 30% 7 38% 36% 27% 32% 30% 7 38% 36% 27% 32% 30% 7 38% 36% 27% 32% 30% 7 38% 36% 27% 32% 30% 7 38% 36% 27% 32% 30% 7 38% 36% 27% 32% 30% 7 38% 36% 27% 32% 30% 7 38% 36% 27% 32% 30% 7 31% 21% 21% 36% 16% 31% 7 10% 14% 29% 7% 26%	6 6% 5% 0% 14% 1% 1% 1% 6 6% 23% 21% 3% 30% 8% 10% 8% 10% 35% 32% 21% 29% 25% 24% 6 24% 35% 18% 34% 32% 29% 29% 29% 6 11% 2% 5% 1% 4% 3% 6 6% 10% 0% 29% 1% 2% 6 33% 28% 34% 32% 23% 23% 23% 33% 28% 44% 16% 43% 40% 6 2% 2% 6% 0% 4% 4% 3% 36% 27% 32% 30% 30% 30% 6 21% 21% 36% 16% 31% 30% 6 6% 10% 14% 29% 7% 26% 24% 6 30% 30% 30% 6 21% 21% 36% 16% 31% 30% 6 6% 10% 11% 30% 36% 27% 32% 30% 30% 30% 6 21% 21% 36% 16% 31% 30% 6 6% 10% 11% 30% 36% 27% 32% 30% 30% 30% 6 21% 21% 36% 16% 31% 30% 6 6% 10% 11% 10% 14% 29% 7% 26% 24%	6 6% 5% 0% 14% 1% 1% 2% 24% 23% 21% 3% 30% 8% 10% 8% 35% 32% 21% 29% 25% 24% 27% 36 11% 17% 37% 9% 29% 29% 29% 29% 29% 6 1% 2% 5% 1% 4% 5% 7% 10% 34% 32% 33% 28% 34% 32% 33% 29% 34% 32% 34% 32% 34% 32% 36% 36% 27% 32% 30% 30% 30% 31% 30% 24% 29% 29% 29% 29% 29% 29% 29% 29% 29% 29	6 6% 5% 0% 14% 1% 1% 2% 6% 6% 23% 21% 3% 30% 8% 10% 8% 27% 39% 6% 35% 32% 21% 29% 25% 24% 27% 39% 6% 11% 17% 37% 9% 29% 29% 29% 29% 6% 6 1% 2% 5% 11% 4% 3% 4% 0% 19% 19% 6 6% 10% 0% 29% 11% 2% 4% 7% 10% 19% 34% 32% 31% 21% 6 7% 7% 0% 16% 43% 40% 29% 29% 29% 29% 29% 6% 6 11% 11% 11% 30% 3% 24% 23% 22% 5% 6 28% 10% 11% 14% 27% 38% 36% 27% 32% 30% 30% 31% 42% 6 21% 21% 21% 36% 16% 31% 30% 24% 17% 6 26% 24% 24% 5% 6 24% 24% 5% 6 21% 21% 36% 16% 31% 30% 24% 17% 6 6% 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: Score Distributions by Subgroup - 10th Grade

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	44,357	23,085	21,017	387	3,698	2,961	7,375	55	21,825	1,482
Γotal Score										
1400–1520	2%	2%	2%	0%	10%	0%	0%	0%	1%	3%
1200–1390	12%	12%	12%	2%	25%	3%	4%	5%	15%	18%
1000–1190	32%	34%	30%	14%	34%	19%	18%	31%	42%	37%
800–990	33%	35%	32%	45%	23%	41%	37%	36%	33%	30%
600–790	19%	16%	22%	36%	7%	34%	38%	25%	8%	12%
320–590	2%	1%	2%	3%	0%	3%	3%	2%	0%	1%
Section Scores	- FRW									
700–760	2%	2%	2%	0%	7%	1%	0%	0%	2%	3%
600–690	15%	17%	14%	2%	26%	5%	5%	15%	20%	23%
500–590	32%	34%	29%	17%	34%	19%	19%	27%	40%	36%
400–490	28%	29%	28%	38%	22%	35%	32%	25%	27%	24%
300–390	21%	16%	25%	40%	11%	35%	39%	31%	10%	13%
160–290	2%	2%	3%	3%	1%	4%	4%	2%	0%	1%
700–760 (35–38) 600–690 (30–34.5)		3% 9%	5% 11%	1% 1%	19% 21%	0% 3%	1% 3%	0% 5%	3% 12%	5% 15%
, ,										
500-590 (25-29.5)	30%	32%	29%	16%	32%	18%	17%	33%	39%	34%
400-490 (20-24.5)	38%	40%	35%	46%	22%	45%	43%	40%	37%	34%
300–390 (15–19.5)	16%	15%	17%	30%	5%	29%	31%	18%	8%	10%
160–290 (8–14.5)	3%	2%	3%	6%	1%	5%	6%	4%	1%	1%
Test Scores - Re	eading									
35–38	3%	4%	3%	0%	9%	1%	1%	2%	4%	6%
30–34	16%	17%	15%	3%	26%	6%	7%	11%	21%	23%
25–29	35%	38%	33%	23%	36%	25%	24%	42%	43%	39%
20–24	26%	26%	26%	36%	20%	34%	32%	27%	23%	22%
15–19	17%	14%	21%	36%	9%	29%	33%	15%	8%	10%
8–14	2%	1%	2%	3%	1%	4%	4%	4%	0%	1%
Test Scores - W	riting and	Language	е							
35–38	3%	4%	3%	0%	9%	1%	1%	0%	4%	6%
30–34	16%	17%	14%	2%	24%	6%	6%	16%	21%	23%
25–29	30%	33%	28%	18%	33%	20%	20%	29%	38%	34%
20–24	26%	26%	26%	35%	20%	33%	29%	18%	25%	22%
15–19	20%	17%	24%	36%	11%	32%	36%	31%	11%	15%
8–14	5%	3%	6%	9%	2%	9%	10%	5%	1%	2%

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

the most recent score and sen-reported questionnaire response	10th G		11th G	rade
Intended College Major	Test Takers	Percent	Test Takers	Percent
Agriculture, Agriculture Operations, and Related Sciences	221	1%	355	1%
Architecture and Related Services	513	2%	734	2%
Area, Ethnic, Cultural, and Gender Studies	59	0%	69	0%
Biological and Biomedical Sciences	2,649	9%	4,309	9%
Business, Management, Marketing, and Related Support Services	3,162	11%	6,414	14%
Communication, Journalism, and Related Programs	506	2%	982	2%
Computer and Information Sciences and Support Services	1,093	4%	2,076	4%
Construction Trades, General	0		28	0%
Education	891	3%	1,804	4%
Engineering	2,604	9%	4,309	9%
Engineering Technologies/Technicians	606	2%	771	2%
English Language and Literature/Letters	294	1%	474	1%
Family and Consumer Sciences/Human Sciences	66	0%	112	0%
Foreign Languages and Literatures, General	135	0%	267	1%
Health Professions and Related Clinical Sciences	5,013	17%	7,249	15%
History, General	241	1%	413	1%
Legal Studies, General	725	2%	889	2%
Liberal Arts and Sciences, General Studies and Humanities	68	0%	290	1%
Library Science/Librarianship	0		3	0%
Mathematics and Statistics	293	1%	606	1%
Mechanic and Repair Technologies/Technicians	1	0%	26	0%
Military Technologies	113	0%	162	0%
Multi/Interdisciplinary Studies	73	0%	90	0%
Natural Resources and Conservation	120	0%	327	1%
Parks, Recreation and Leisure Studies	222	1%	303	1%
Personal And Culinary Services, General	19	0%	53	0%
Philosophy and Religious Studies	38	0%	70	0%
Physical Sciences	467	2%	618	1%
Precision Production	0		3	0%
Psychology, General	861	3%	1,994	4%
Public Administration and Social Service Professions	89	0%	188	0%
Security and Protective Services	1,487	5%	2,083	4%
Social Sciences	508	2%	1,053	2%
Theology and Religious Vocations	9	0%	12	0%
Transportation and Materials Moving	0		16	0%
Visual and Performing Arts, General	2,091	7%	3,136	7%
Other	391	1%	519	1%
Undecided	4,273	14%	4,441	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	Test Takers	•	Mean Sco	re
10141	Number	Total	ERW	Math
Total	14,209	868	435	433
Fall	12,855	864	433	431
Spring	1,388	899	451	449

Sex	Tes		Mean Score		
	Number	Percent	Total	ERW	Math
Female	6,592	46%	880	446	433
Male	7,435	52%	859	426	433
No Response	182	1%	793	396	398

Grade Level	Te	Test Takers Mean Score				Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	2,649	19%	863	435	429	47%	68%	52%	27%
9th Grade	11,283	79%	872	436	435	43%	59%	48%	35%
Other / No Response	277	2%	748	375	373				

Race/Ethnicity

	1 09	st lakers		Mean Scoi	e
Total	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	128	1%	795	394	401
Asian	570	4%	991	481	510
Black/African American	1,034	7%	816	405	412
Hispanic/Latino	2,153	15%	806	400	406
Native Hawaiian/Other Pacific Islander	17	0%	898	454	444
White	4,586	32%	949	479	469
Two or More Races	388	3%	922	465	457
No Response	5,333	38%	818	411	407

	Tes	st Takers		Mean Sco	re		Met Be	nchmarks¹	
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	30	1%	763	383	379	27%	33%	30%	63%
Asian	99	4%	948	461	487	65%	77%	74%	14%
Black/African American	273	10%	798	393	405	28%	48%	41%	39%
Hispanic/Latino	396	15%	804	397	407	32%	48%	40%	44%
Native Hawaiian/Other Pacific Islander	7	0%							
White	852	32%	903	461	442	56%	81%	59%	16%
Two or More Races	101	4%	883	445	438	54%	74%	54%	26%
No Response	891	34%	863	436	427	49%	69%	52%	28%

	Tes	Test Takers			Mean Score			Met Benchmarks ¹			
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None		
American Indian/Alaska Native	96	1%	808	399	410	30%	45%	35%	50%		
Asian	463	4%	1003	486	517	69%	78%	77%	14%		
Black/African American	722	6%	828	411	417	28%	48%	36%	44%		
Hispanic/Latino	1,697	15%	809	402	407	28%	44%	33%	51%		
Native Hawaiian/Other Pacific Islander	10	0%	891	453	438	40%	70%	40%	30%		
White	3,685	33%	961	484	476	63%	81%	67%	15%		
Two or More Races	279	2%	939	473	466	57%	72%	61%	24%		
No Response	4,331	38%	811	407	404	30%	47%	36%	47%		

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	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,213	46%	878	447	432	49%	73%	54%	23%
English and Another Language	444	17%	823	406	418	36%	55%	45%	37%
Another Language	150	6%	863	418	445	46%	58%	59%	29%
No Response	842	32%	863	436	427	49%	69%	52%	28%
	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	4,757	42%	931	469	462	56%	74%	60%	22%
English and Another Language	1,425	13%	868	429	439	38%	55%	45%	38%
Another Language	555	5%	862	418	443	38%	49%	46%	43%
No Response	4,546	40%	812	407	405	30%	47%	36%	47%
High School Grade Point Average	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	63	2%	993	509	484	73%	89%	75%	10%
A (93–96)	382	14%	972	497	475	77%	90%	78%	9%
A- (90–92)	315	12%	907	459	448	61%	83%	65%	13%
B (80-89)	632	24%	828	413	415	35%	61%	44%	30%
C (70–79)	242	9%	750	370	381	13%	34%	24%	55%
D, E, or F (below 70)	71	3%	682	336	347	4%	15%	13%	76%
No Response	944	36%	862	435	427	48%	69%	51%	28%
	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	326	3%	1018	513	505	70%	79%	73%	17%
A (93–96)	1,332	12%	1012	508	503	75%	86%	77%	11%
A- (90–92)	1,337	12%	956	479	477	64%	81%	69%	15%
B (80–89)	2,454	22%	864	431	433	38%	60%	45%	33%
C (70–79)	600	5%	754	373	381	11%	28%	17%	66%
D, E, or F (below 70)	95	1%	714	346	368	4%	13%	15%	77%
No Response	5,139	46%	825	414	411	33%	50%	39%	45%
110 1 Copolido	0,100	70 /0	020	דוד	711	JJ /0	30 /0	33 /0	75 /0

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.

Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	More Races
11,283	5,290	5,921	96	463	722	1,697	10	3,685	279
0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
3%	3%	3%	0%	16%	0%	1%	0%	5%	9%
23%	25%	21%	10%	36%	12%	12%	20%	37%	32%
40%	41%	38%	45%	34%	45%	38%	60%	42%	36%
29%	28%	30%	40%	13%	38%	40%	20%	14%	21%
5%	4%	7%	5%	1%	4%	8%	0%	1%	3%
FRW									
	0%	0%	0%	0%	0%	0%	0%	0%	0%
6%				13%	2%		0%	10%	14%
23%	26%		8%	35%	14%	14%	20%	36%	27%
35%	36%		40%				60%	37%	33%
									24%
									2%
3%	3%	4%	1%	16%	1%	2%	0%	5%	9%
		1%	0%	1%	0%	0%	0%	0%	1%
									30%
									36%
									20%
7%	6%	8%	8%	1%	6%	10%	0%	1%	4%
ading									
0%	0%	0%	0%	1%	0%	0%	0%	1%	1%
9%	10%	9%	1%	19%	3%	4%	10%	16%	15%
24%	26%	22%	17%	32%	18%	16%	20%	34%	30%
34%	35%	32%	34%	31%	39%	34%	50%	34%	30%
30%	26%	33%	39%	16%	37%	40%	20%	14%	20%
3%	3%	4%	9%	0%	3%	5%	0%	1%	3%
	3% 23% 40% 29% 5% ERW 0% 6% 23% 35% 32% 5% Ores - Ma 0% 24% 39% 25% 7% adding 0% 9% 24% 34% 30%	3% 3% 25% 40% 41% 29% 28% 5% 4% 6% 35% 36% 32% 28% 5% 3% 5% 3% 5% 36% 32% 28% 5% 3% 5% 3% 5% 36% 32% 28% 5% 3% 5% 3% 5% 3% 5% 3% 5% 3% 5% 3% 5% 3% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5% 5%	3% 3% 3% 3% 23% 25% 21% 40% 41% 38% 30% 5% 4% 7% ERW 0% 0% 0% 0% 6% 5% 23% 26% 20% 35% 36% 33% 35% 5% 5% 35% 5% 25% 25% 25% 7% 6% 8% adding 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	3% 3% 3% 0% 0% 23% 25% 21% 10% 40% 41% 38% 45% 29% 28% 30% 40% 5% 4% 7% 5% 5% 1% 23% 26% 20% 8% 35% 36% 33% 40% 32% 28% 35% 44% 5% 3% 6% 7% 5% 5% 1% 0% 6% 5% 11% 23% 26% 20% 8% 35% 36% 33% 40% 32% 28% 35% 44% 5% 3% 6% 7% 5% 5% 1% 0% 6% 5% 1% 0% 6% 5% 1% 6% 5% 3% 6% 7% 5% 5% 3% 6% 7% 5% 5% 3% 6% 7% 5% 5% 25% 25% 29% 7% 6% 8% 8% 5% 6% 5% 25% 25% 29% 7% 6% 8% 8% 5% 6% 5% 25% 25% 29% 7% 6% 8% 8% 5% 6% 5% 25% 25% 29% 7% 6% 8% 8% 5% 6% 5% 25% 25% 25% 29% 7% 6% 8% 8% 5% 5% 5% 25% 25% 29% 7% 6% 8% 8% 5% 5% 5% 25% 25% 29% 7% 6% 8% 8% 5% 5% 5% 25% 25% 25% 29% 7% 6% 8% 8% 5% 5% 5% 25% 25% 25% 29% 7% 6% 8% 8% 5% 5% 5% 25% 25% 25% 25% 25% 25% 25% 2	3% 3% 3% 0% 16% 23% 25% 21% 10% 36% 40% 41% 38% 45% 34% 29% 28% 30% 40% 13% 5% 4% 7% 5% 1% 1% 13% 23% 26% 20% 8% 35% 35% 36% 33% 40% 34% 32% 28% 35% 44% 18% 5% 3% 6% 7% 1% 16% 24% 24% 24% 14% 41% 39% 41% 38% 48% 28% 25% 25% 25% 29% 10% 7% 6% 8% 8% 1% adding 0% 0% 0% 0% 0% 0% 1% 9% 10% 9% 1% 19% 24% 26% 22% 17% 32% 34% 35% 36% 33% 39% 16% 30% 26% 33% 39% 16%	3% 3% 3% 0% 16% 0% 16% 0% 23% 25% 21% 10% 36% 12% 40% 41% 38% 45% 34% 45% 29% 28% 30% 40% 13% 38% 5% 4% 5% 1% 4% 5% 1% 4% 5% 1% 4% 5% 1% 4% 5% 1% 13% 2% 23% 26% 20% 8% 35% 14% 35% 36% 33% 40% 34% 38% 32% 28% 35% 44% 18% 42% 5% 3% 6% 7% 1% 16% 1% 24% 24% 24% 24% 14% 41% 14% 39% 41% 38% 48% 28% 47% 25% 25% 25% 29% 10% 31% 7% 6% 8% 8% 1% 6% 5% 10% 34% 31% 39% 30% 26% 33% 39% 16% 37% 18% 34% 35% 32% 28% 35% 44% 31% 39% 30% 26% 33% 39% 16% 37%	3% 3% 3% 0% 16% 0% 1% 23% 25% 21% 10% 36% 12% 12% 40% 41% 38% 45% 34% 45% 38% 40% 5% 4% 7% 5% 1% 4% 8% ERW 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 6% 6% 5% 19% 13% 38% 32% 32% 26% 28% 35% 44% 18% 42% 43% 5% 3% 6% 7% 1% 4% 8% ores - Math¹ 0% 0% 1% 0% 4% 0% 0% 0% 0% 0% 0% 33% 39% 44% 14% 14% 14% 14% 14% 39% 41% 38% 38% 32% 28% 35% 14% 11% 16% 1% 2% 24% 24% 24% 14% 41% 14% 14% 14% 39% 41% 38% 48% 28% 47% 40% 25% 25% 25% 29% 10% 31% 33% 7% 6% 8% 8% 1% 6% 10% 6% 6% 10% 6% 6% 6% 10% 9% 10% 9% 11% 19% 3% 4% 38% 32% 34% 31% 39% 34% 36% 35% 32% 34% 31% 39% 34% 36% 35% 32% 34% 31% 39% 34% 30% 26% 33% 39% 16% 37% 40%	3% 3% 3% 0% 16% 0% 1% 0% 1% 0% 23% 25% 21% 10% 36% 12% 12% 12% 20% 40% 41% 38% 45% 34% 45% 38% 60% 29% 28% 30% 40% 13% 38% 40% 20% 5% 4% 7% 5% 1% 4% 8% 0% ERW ***O***O***O***O***O***O***O***O***O*	3% 3% 3% 3% 0% 16% 0% 11% 0% 5% 23% 25% 21% 10% 36% 12% 12% 12% 20% 37% 40% 41% 38% 45% 34% 45% 38% 60% 42% 29% 28% 30% 40% 13% 38% 40% 20% 14% 5% 4% 7% 5% 11% 4% 8% 0% 11% ERW 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 10% 6% 6% 5% 11% 13% 2% 2% 0% 10% 35% 35% 36% 33% 40% 34% 48% 22% 43% 20% 16% 5% 3% 6% 7% 11% 44% 8% 0% 11% OVER OWNER O

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.

Two or

	2,649	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	More Races
1400–1440		1,210	1,374	30	99	273	396	7	852	101
1200-1390	0%	0%	0%	0%	0%	0%	0%		0%	0%
	2%	3%	3%	0%	11%	0%	1%		3%	9%
1000–1190	18%	19%	17%	7%	22%	8%	11%		23%	16%
800–990	45%	45%	45%	27%	48%	42%	37%		53%	44%
600–790	31%	30%	31%	67%	17%	44%	45%		20%	29%
240–590	3%	3%	4%	0%	1%	5%	6%		2%	3%
Section Scores - E	RW									
700–720	0%	0%	0%	0%	0%	0%	0%		0%	0%
600–690	5%	5%	4%	0%	11%	1%	2%		7%	7%
500–590	21%	23%	19%	10%	18%	9%	12%		28%	23%
400–490	38%	39%	37%	23%	45%	33%	31%		42%	39%
300–390	33%	31%	35%	63%	22%	52%	50%		21%	30%
120–290	4%	2%	5%	3%	3%	6%	6%		2%	2%
600–690 (30–34.5)	2%	2%	2%	0%	12%	1%	2%		2%	6%
700–720 (35–36)	0%	0%	0%	0%	2%	0%	0%		0%	2%
500–590 (25–29.5)	17%	16%	17%	0%	27%	8%	12%		20%	15%
400–490 (20–24.5)	48%	47%	49%	43%	47%	47%	40%		56%	45%
300–390 (15–19.5)	27%	29%	26%	43%	10%	36%	38%		21%	30%
120–290 (6–14.5)	5%	5%	5%	13%	1%	8%	8%		2%	3%
	ding 0%	0%	0%	0%	0%	0%	0%		0%	1%
			7%		11%	3%	4%			1 /0
35–36		8%		()%	1 1 7/0				11%	13%
35–36 30–34	7%	8% 25%		0% 10%					11% 28%	
35–36 30–34 25–29	7% 23%	25%	21%	10%	28%	10%	13%		28%	13% 18% 41%
Test Scores - Rea 35–36 30–34 25–29 20–24 15–19	7%									

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		Sec	ction		Writing and		Analysis in History/ Social	Analysis in
Percentile	Total	ERW	Math	Reading	Writing and Language	Math	Studies	Science
75th	1270	640	640	32	32	32	32	32
50th	1120	560	550	28	28	27.5	28	29
25th	970	480	480	25	24	24	25	25

PSAT/NMSQT and P	PSAT/NMSQT and PSAT 10 - Grade 11			Writing and			Analysis in History/ Social	
Percentile	Total	ERW	Math	Reading	Language	Math	Studies	Analysis in Science
75th	1190	600	590	30	30	29.5	30	30
50th	1040	530	510	26	26	25.5	26	26
25th	890	440	440	23	21	22	22	22

PSAT/NMSQT and PSAT 10 - Grade 10		Section					Analysis in History/	
Percentile	Total	ERW	Math	Reading	Writing and Language	Math	Social Studies	Analysis in Science
75th	1110	570	550	29	28	27.5	28	28
50th	970	490	480	25	24	24	25	24
25th	830	400	410	21	19	20.5	21	21

PSAT 8/9 - Grade 9		Sec	ction				Analysis in History/	
Percentile	Total	ERW	Math	Reading	Writing and Language	Math	Social Studies	Analysis in Science
75th	1000	510	500	26	25	25	25	26
50th	870	430	440	22	21	22	21	21
25th	740	360	370	19	18	18.5	18	18

PSAT 8/9 - Grade 8		Sec	tion				Analysis in History/		
Percentile	Total	ERW	Math	Reading	Writing and Language	Math	Social Studies	Analysis in Science	
75th	970	500	480	25	25	24	24	25	
50th	850	430	430	22	21	21.5	21	21	
25th	750	370	380	19	18	19	18	18	