

2017

# **SAT** Suite of Assessments Annual Report

SAT

**PSAT/NMSQT** 

PSAT 10

PSAT<sup>8</sup>/9

# **Massachusetts**

**DATA EMBARGO IN EFFECT.** Information in this report is embargoed from dissemination to the media and general public until the College Board makes it publically available on **September 26, 2017**. Prior to that time, you may use the data and other information in this report for internal purposes. If you have questions, please contact the College Board communications department at **communications@collegeboard.org**.

#### **About This Report**

This report presents data on students in the class of 2017 who took the new SAT® during high school, as well as takers of PSAT-related assessments—the PSAT/NMSQT®, PSAT™ 10, and PSAT™ 8/9—across the 2016-17 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 test in the SAT Suite:

SAT sections: 200–800

PSAT/NMSQT and PSAT 10 sections: 160–760

PSAT 8/9 sections: 120–720

### **Recent Changes to 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**

The College Board strongly discourages using scores to compare or evaluate teachers, schools, districts, or states, because of differences in participation and test taker populations. Relationships between test scores and other background or contextual factors are complex and interdependent.

#### **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.

**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.

College and Career Readiness Benchmarks

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 new 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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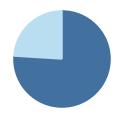
# **SAT Suite Participation Summary**

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.

**165,620** test takers completed the SAT or a PSAT-related assessment (PSAT/NMSQT, PSAT 10, or PSAT 8/9) in the 2016-17 school year.

#### **Class of 2017**

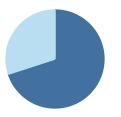
SAT Takers <sup>1</sup>	56,024
High School Graduates <sup>2</sup>	73,335
SAT Participation Rate	76%



76% of graduates in the class of 2017 took the SAT during high school

#### **Class of 2018**

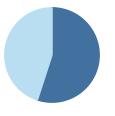
PSAT/NMSQT Takers <sup>3</sup>	55,663
11th-Grade Enrollment <sup>2</sup>	79,478
Participation Rate	70%



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

#### **Class of 2019**

PSAT/NMSQT or PSAT 10 Takers <sup>3</sup>	44,998
10th-Grade Enrollment <sup>2</sup>	81,500
Participation Rate	55%



55% of 10th graders took the PSAT/NMSQT or PSAT 10 in 2016-17

# Class of 2020

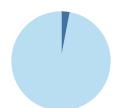
PSAT 8/9 Takers³	9,145
9th-Grade Enrollment <sup>2</sup>	85,153
Participation Rate	11%



11% of 9th graders took the PSAT 8/9 in 2016-17

#### **Class of 2021**

PSAT 8/9 Takers <sup>3</sup>	2,734
8th-Grade Enrollment <sup>2</sup>	79,165
Participation Rate	3%



3% of 8th graders took the PSAT 8/9 in 2016-17

<sup>&</sup>lt;sup>1</sup> Reflects 2017 high school graduates who took the new SAT during high school.

<sup>&</sup>lt;sup>2</sup> Knocking at the College Door, WICHE, December 2016.

<sup>&</sup>lt;sup>3</sup> PSAT-related assessment data reflect students who tested during the 2016-17 school year.



# **SAT Participation and Performance**

Data reflect 2017 high school graduates who took the new SAT during high school. If a student took the SAT more than once, the most recent score and self-reported SAT questionnaire responses are summarized.

Total	Te	st Takers		Mean Score			Met Benchmarks			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
Total	56,024		1107	555	551	57%	78%	59%	20%	
Took Essay <sup>1</sup>	40,168	72%	1141	573	568	64%	84%	66%	14%	
Race / Ethnicity	Te	st Takers		Mean Scor	re		Met Ben	chmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
American Indian/Alaska Native	117	0%	982	494	488	30%	56%	32%	42%	
Asian	4,113	7%	1188	570	617	71%	80%	78%	13%	
Black/African American	4,574	8%	962	483	479	27%	50%	29%	47%	
Hispanic/Latino	7,254	13%	986	495	491	31%	54%	34%	43%	
Native Hawaiian/Other Pacific Islander	21	0%	1122	559	563	57%	76%	57%	24%	
White	36,628	65%	1142	576	567	65%	87%	67%	12%	
Two or More Races	1,458	3%	1158	584	574	65%	85%	67%	14%	
No Response	1,859	3%	1017	513	504	37%	64%	39%	34%	
Sex	Te	st Takers		Mean Scor	re			chmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
Female	29,617	53%	1093	554	539	53%	78%	55%	20%	
Male	26,407	47%	1122	557	565	61%	78%	64%	19%	
First Language Learned	Test Takers		Mean Score		Met Benchmarks					
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
English Only	42,826	76%	1124	567	558	61%	83%	63%	15%	
English and Another Language	7,989	14%	1049	522	527	44%	64%	47%	33%	
Another Language	4,698	8%	1047	509	539	44%	58%	50%	36%	
No Response	511	1%	1076	537	539	50%	68%	53%	29%	
Highest Level of Parental Education	Te	st Takers		Mean Score			Met Benchmarks			
	Number	Doroont			Moth	Both	ERW	Math	None	
	MULLIDEL	Percent	Total	ERW	Math	DOUT				
No High School Diploma	2,788	5%	956	471	485	26%	44%	31%	51%	
No High School Diploma High School Diploma									51% 30%	
	2,788	5%	956	471	485	26%	44%	31%		
High School Diploma	2,788 13,829	5% 25%	956 1029	471 517	485 513	26% 40%	44% 67%	31% 43%	30%	
High School Diploma Associate Degree	2,788 13,829 4,496	5% 25% 8%	956 1029 1056	471 517 531	485 513 525	26% 40% 46%	44% 67% 74%	31% 43% 49%	30% 23%	
High School Diploma Associate Degree Bachelor's Degree	2,788 13,829 4,496 18,177	5% 25% 8% 32%	956 1029 1056 1139	471 517 531 572	485 513 525 567	26% 40% 46% 65%	44% 67% 74% 86%	31% 43% 49% 67%	30% 23% 12%	
High School Diploma Associate Degree Bachelor's Degree Graduate Degree No Response	2,788 13,829 4,496 18,177 14,459 2,275	5% 25% 8% 32% 26% 4%	956 1029 1056 1139 1211 939	471 517 531 572 609 467	485 513 525 567 603 472	26% 40% 46% 65% 77%	44% 67% 74% 86% 92% 43%	31% 43% 49% 67% 78% 28%	30% 23% 12% 7%	
High School Diploma Associate Degree Bachelor's Degree Graduate Degree	2,788 13,829 4,496 18,177 14,459 2,275	5% 25% 8% 32% 26%	956 1029 1056 1139 1211 939	471 517 531 572 609 467 <b>Mean Scor</b>	485 513 525 567 603 472	26% 40% 46% 65% 77%	44% 67% 74% 86% 92% 43%	31% 43% 49% 67% 78%	30% 23% 12% 7%	
High School Diploma Associate Degree Bachelor's Degree Graduate Degree No Response	2,788 13,829 4,496 18,177 14,459 2,275	5% 25% 8% 32% 26% 4% st Takers	956 1029 1056 1139 1211 939	471 517 531 572 609 467	485 513 525 567 603 472	26% 40% 46% 65% 77% 24%	44% 67% 74% 86% 92% 43% Met Ben	31% 43% 49% 67% 78% 28%	30% 23% 12% 7% 53%	

<sup>&</sup>lt;sup>1</sup> Reflects test takers who completed the SAT Essay at any point, not necessarily on the most recent test administration date.



# **SAT Participation and Performance Continued**

Data reflect 2017 high school graduates who took the new SAT during high school. If a student took the SAT more than once, the most recent score and self-reported SAT questionnaire responses are summarized.

High School Grade Point Average	Test Takers		Mean Score			Met Benchmarks			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	1,695	3%	1275	635	640	86%	93%	88%	5%
A (93–96)	7,671	14%	1244	621	623	82%	93%	84%	6%
A- (90–92)	10,811	19%	1191	596	595	77%	91%	79%	7%
B (80–89)	26,782	48%	1065	536	529	49%	76%	52%	21%
C (70–79)	5,622	10%	946	475	470	21%	48%	24%	48%
D, E, or F (below 70)	225	0%	897	454	443	12%	37%	16%	60%
No Response	3,218	6%	1052	529	523	45%	66%	48%	31%

High School Rank	Test Takers		Mean Score			Met Benchmarks			
3	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Highest Tenth	5,397	10%	1279	635	644	89%	95%	89%	4%
Second Tenth	4,880	9%	1166	582	584	74%	89%	76%	9%
Second Fifth	3,836	7%	1104	553	551	60%	85%	63%	13%
Final Three-Fifths	4,367	8%	1007	507	500	35%	65%	38%	32%
No Response	37,544	67%	1086	546	540	52%	75%	55%	22%

Took the PSAT/NMSQT <sup>1</sup>	Test Takers		Mean Score			Met Benchmarks			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
As a Junior and Sophomore or Younger	29,082	52%	1131	567	564	62%	82%	64%	16%
As a Junior	18,010	32%	1104	554	549	56%	79%	58%	19%
As a Sophomore or Younger	3,936	7%	1070	538	532	51%	74%	54%	24%
Never Took PSAT/NMSQT	4,996	9%	1005	503	502	34%	60%	38%	37%

<sup>&</sup>lt;sup>1</sup> Derived from College Board records of student test-taking history. Previously, these data were based on self-reported information collected during registration.



# **SAT Participation and Performance: Score Distributions**

Data reflect 2017 high school graduates who took the new 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	3,953	7%	700–800	4,492	5,095
1200-1390	14,634	26%	600–690	15,604 28%	13,280 24%
1000–1190	21,328	38%	500-590	20,417 36%	21,353 38%
800–990	13,157	23%	400–490	12,361 22%	12,480 22%
600–790	2,867	5%	300-390	3,003 5%	3,639 6%
400–590	85		200–290	147	177
Mean	1107		Mean	555	551
SD	191		SD	98	104

#### **Cross-Test Scores**

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	Analysis in History/Social Studies	Analysis in Science
35–40	5,837	5,935
30–34.5	15,938	16,777
25–29.5	20,339	19,668
20–24.5	10,781	11,053
15–19.5	2,815	2,388
10–14.5	314	203
Mean	28	28
SD	5	5

	Reading	Writing and Language	Math
35–40	5,856	4,902	5,095
30–34.5	15,754	16,263	13,280
25–29.5	20,393	18,938	21,353
20–24.5	11,323	11,686	12,480
15–19.5	2,508	3,952	3,639
10–14.5	190	283	177
Mean	28	28	28
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	7,716	7,097	8,483	7,634	7,058	7,873	8,442
10–12	24,021	18,951	20,318	15,643	18,948	20,516	16,016
7–9	16,531	22,642	19,145	19,010	22,370	17,565	21,578
4–6	6,085	6,962	7,240	11,677	6,760	7,944	8,945
1–3	1,671	372	838	2,060	888	2,126	1,043
Mean	10	9	10	9	9	9	9
SD	3	3	3	3	3	3	3

#### Essay<sup>1</sup>

	8	7	6	5	4	3	2	Mean	SD
Reading	1,037	4,429	15,307	10,633	6,697	1,527	538	5	1
Analysis	507	2,183	6,883	9,380	9,459	6,064	5,692	4	1
Writing	949	3,816	15,357	10,199	7,345	1,795	707	5	1

<sup>1</sup> 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: Intended College Major and Degree-Level Goal

Data reflect 2017 high school graduates who took the new SAT during high school. If a student took the SAT more than once, the most recent score and self-reported SAT questionnaire responses are summarized.

				Mean Score	
Intended College Major	Test Takers	Percent	Total	ERW	Math
Agriculture, Agriculture Operations, and Related Sciences	385	1%	1056	536	520
Architecture and Related Services	589	1%	1093	541	552
Area, Ethnic, Cultural, and Gender Studies	60	0%	1143	590	553
Biological and Biomedical Sciences	3,779	8%	1170	587	583
Business, Management, Marketing, and Related Support Servic	6,947	14%	1109	552	558
Communication, Journalism, and Related Programs	1,133	2%	1111	572	539
Computer and Information Sciences and Support Services	1,842	4%	1184	586	598
Military Technologies	180	0%	1048	525	524
Construction Trades, General	34	0%	1008	499	508
Education	2,208	4%	1064	539	525
Engineering	4,646	9%	1176	575	601
Engineering Technologies/Technicians	692	1%	1101	540	562
English Language and Literature/Letters	595	1%	1152	603	549
Family and Consumer Sciences/Human Sciences	108	0%	1006	513	494
Foreign Languages and Literatures, General	245	0%	1199	616	583
Health Professions and Related Clinical Sciences	8,189	16%	1079	543	536
History, General	462	1%	1138	589	549
Legal Studies, General	863	2%	1114	568	546
Liberal Arts and Sciences, General Studies and Humanities	400	1%	1168	599	569
Library Science/Librarianship	6	0%			
Mathematics and Statistics	479	1%	1273	613	660
Mechanic and Repair Technologies/Technicians	70	0%	1009	502	508
Multi/Interdisciplinary Studies	109	0%	1203	604	599
Natural Resources and Conservation	349	1%	1149	585	564
Parks, Recreation and Leisure Studies	398	1%	1018	505	513
Personal And Culinary Services, General	144	0%	978	488	489
Philosophy and Religious Studies	80	0%	1144	587	557
Physical Sciences	761	2%	1225	606	619
Precision Production	2	0%			
Psychology, General	2,330	5%	1081	552	528
Public Administration and Social Service Professions	187	0%	1061	543	517
Security and Protective Services	2,083	4%	1013	510	503
Social Sciences	1,150	2%	1198	610	588
Theology and Religious Vocations	31	0%	1064	549	514
Transportation and Materials Moving	20	0%	1060	533	528
Visual and Performing Arts, General	3,142	6%	1099	564	535
Other	772	2%	1011	508	503
Undecided	4,855	10%	1151	578	574
Dogwood Lovel Cool					
Degree-Level Goal	175	0%	978	485	493
Certificate Program Associate Degrae	324	1%	941	474	467
Associate Degree					
Bachelor's Degree	12,675	28%	1066	537	530
Master's Degree	16,586	36%	1139	571	567
Doctoral or Related Degree	8,533	19%	1183	593	589
Other	205	0%	958	479 570	479
Undecided	7,016	15%	1133	570	564



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

Of the 56,024 students from Massachusetts who took the SAT, 44,120 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 1,844 institutions received score reports from Massachusetts students.

Institution	State	Туре	Number of Students	% of Score Senders <sup>1</sup>
University of Massachusetts Amherst	MA	Public College	18,009	40.8%
University of Massachusetts Lowell	MA	Public College	8,096	18.3%
Northeastern University	MA	Private College	7,843	17.8%
University of New Hampshire	NH	Public College	6,552	14.9%
Boston University	MA	Private College	6,538	14.8%
University of Massachusetts Dartmouth	MA	Public College	6,381	14.5%
University of Massachusetts Boston	MA	Public College	6,146	13.9%
Salem State University	MA	Public College	5,292	12.0%
University of Rhode Island	RI	Public College	5,126	11.6%
Bridgewater State University	MA	Public College	5,089	11.5%
Framingham State University	MA	Public College	4,668	10.6%
University of Connecticut	CT	Public College	4,260	9.7%
Westfield State University	MA	Public College	3,948	8.9%
Boston College	MA	Private College	3,661	8.3%
University of Vermont	VT	Public College	3,613	8.2%
Suffolk University	MA	Private College	3,506	7.9%
Worcester State University	MA	Public College	3,455	7.8%
Fitchburg State University	MA	Public College	3,285	7.4%
University of Maine	ME	Public College	3,227	7.3%
Quinnipiac University	CT	Private College	3,016	6.8%
Worcester Polytechnic Institute	MA	Private College	2,923	6.6%
Merrimack College	MA	Private College	2,783	6.3%
Wentworth Institute of Technology	MA	Private College	2,679	6.1%
Roger Williams University	RI	Private College	2,536	5.7%
	MA	Private College	2,521	5.7%
Curry College	MA		<u> </u>	
Bentley University	NY	Private College	2,409	5.5%
Syracuse University		Private College	2,289	5.2%
Providence College	RI	Private College	2,196	5.0%
Stonehill College	MA	Private College	2,172	4.9%
Tufts University	MA	Private College	2,169	4.9%
MCPHS University	MA	Private College	1,974	4.5%
Bryant University	RI	Private College	1,957	4.4%
Harvard College	MA	Private College	1,900	4.3%
Endicott College	MA	Private College	1,797	4.1%
New York University	NY	Private College	1,773	4.0%
Fordham University	NY	Private College	1,773	4.0%
Brown University	RI	Private College	1,744	4.0%
Assumption College	MA	Private College	1,640	3.7%
Western New England University	MA	Private College	1,639	3.7%
Emmanuel College	MA	Private College	1,547	3.5%
Cornell University	NY	Private College	1,531	3.5%
Brandeis University	MA	Private College	1,506	3.4%
Keene State College	NH	Public College	1,481	3.4%
Saint Anselm College	NH	Private College	1,450	3.3%
NCAA Eligibility Center	IN	Public College	1,385	3.1%

<sup>&</sup>lt;sup>1</sup> 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 2016-17 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

Number         Total         ERW           Total         104,530         1008         505           PSAT/NMSQT         102,989         1008         505           PSAT 10         1,616         903         497	otal	Test Takers	•	Mean Score		
PSAT/NMSQT 102,989 1008 505		Number	Total	ERW	Math	
	Total	104,530	1008	505	503	
DCAT 10 1.616 003 407	PSAT/NMSQT	102,989	1008	505	503	
PSAT 10 1,010 993 497	PSAT 10	1,616	993	497	496	

Sex	Test Takers Mean Score						
	Number	Percent	Total	ERW	Math		
Female	53,351	52%	1012	512	500		
Male	50,079	48%	1007	499	508		

Grade Level	Te		Mean Score			Met Benchmarks¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	44,998	43%	978	490	488	51%	71%	55%	25%
11th Grade	55,667	53%	1036	519	518	51%	71%	54%	26%
Other/No Response	3,865	4%	946	473	473				

Race/Ethnicity	Test Takers				
Total	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	360	0%	882	436	445
Asian	8,813	8%	1120	540	580
Black/African American	7,977	8%	875	434	440
Hispanic/Latino	16,500	16%	877	436	441
Native Hawaiian/Other Pacific Islander	81	0%	916	451	465
White	61,573	59%	1053	532	521
Two or More Races	3,600	3%	1025	516	509
No Response	5,626	5%	910	453	457

	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	192	0%	868	426	441	30%	45%	35%	49%
Asian	3,903	9%	1088	525	563	70%	79%	78%	13%
Black/African American	3,202	7%	857	426	431	25%	47%	29%	50%
Hispanic/Latino	7,374	16%	857	426	431	25%	45%	29%	52%
Native Hawaiian/Other Pacific Islander	35	0%	856	422	434	26%	43%	31%	51%
White	25,795	57%	1020	516	504	61%	83%	64%	15%
Two or More Races	1,601	4%	991	499	492	52%	73%	55%	24%
No Response	2,896	6%	890	442	448	33%	51%	36%	45%

	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	153	0%	904	452	452	22%	46%	25%	51%
Asian	4,696	8%	1148	553	595	69%	78%	76%	15%
Black/African American	4,419	8%	892	443	449	23%	42%	25%	55%
Hispanic/Latino	8,606	15%	897	446	451	24%	42%	26%	55%
Native Hawaiian/Other Pacific Islander	45	0%	963	473	489	33%	58%	44%	31%
White	33,886	61%	1080	545	535	60%	82%	62%	16%
Two or More Races	1,872	3%	1059	534	526	53%	76%	55%	22%
No Response	1,990	4%	951	475	476	35%	53%	38%	44%

<sup>&</sup>lt;sup>1</sup> 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 2016-17 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

	Te	st Takers	Mean Score			Met Benchmarks <sup>1</sup>				
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
English Only	30,538	68%	1000	505	495	56%	78%	59%	20%	
English and Another Language	7,489	17%	951	471	480	44%	62%	48%	33%	
Another Language	4,031	9%	916	442	473	36%	50%	44%	43%	
No Response	2,940	7%	899	448	451	35%	53%	39%	44%	
	Te	st Takers		Mean Scor	re		Met Be	enchmarks		
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
English Only	40,098	72%	1060	534	526	56%	78%	58%	20%	
English and Another Language	9,199	17%	990	491	500	41%	58%	44%	39%	
Another Language	5,391	10%	963	466	497	36%	48%	42%	46%	
No Response	979	2%	900	449	451	29%	43%	31%	54%	
Highest Level of Parental Educ	ation									
	Tes	st Takers		Mean Sco	_			enchmarks		
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
No High School Diploma	2,646	6%	833	410	423	21%	39%	25%	56%	
High School Diploma	10,580	24%	911	454	457	36%	59%	41%	36%	
Associate Degree	2,245	5%	945	473	472	44%	69%	48%	27%	
Bachelor's Degree	12,590	28%	1026	516	509	63%	83%	66%	14%	
Graduate Degree	10,483	23%	1087	548	539	73%	89%	75%	9%	
No Response	6,454	14%	885	441	444	32%	52%	35%	44%	
	Test Takers		Mean Score			Met Benchmarks				
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
No High School Diploma	3,248	6%	863	423	440	18%	33%	22%	62%	
High School Diploma	13,253	24%	946	471	475	32%	55%	36%	41%	
Associate Degree	3,719	7%	996	500	496	42%	68%	46%	28%	
Bachelor's Degree	16,745	30%	1077	541	536	61%	82%	63%	16%	
Graduate Degree	15,481	28%	1154	580	574	73%	89%	75%	10%	
No Response	3,221	6%	856	423	433	18%	34%	21%	63%	
High School Grade Point Avera										
	age									
riigii concor craac i cint Avore	age Te:	st Takers		Mean Sco	re		Met Be	enchmarks		
10th Grade	Tes Number	st Takers Percent	Total	Mean Scor	<b>re</b> Math	Both	Met Be	enchmarks Math	None	
	Tes		Total 1159		_	Both 83%				
10th Grade	Te: Number	Percent		ERW	Math		ERW	Math	10%	
<b>10th Grade</b> A+ (97–100)	Number 1,288	Percent 3%	1159	ERW 584	Math 576	83%	ERW 88%	Math 85%	10% 7%	
<b>10th Grade</b> A+ (97–100) A (93–96)	Number 1,288 8,090	Percent 3% 18%	1159 1114	ERW 584 561	Math 576 553	83% 80%	ERW 88% 91%	Math 85% 82%	10% 7% 10%	
<b>10th Grade</b> A+ (97–100) A (93–96) A- (90–92)	Number 1,288 8,090 9,627	Percent 3% 18% 21%	1159 1114 1045	584 561 526	Math 576 553 520	83% 80% 69%	ERW 88% 91% 88%	Math 85% 82% 72%	10% 7% 10% 30%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89)	Number 1,288 8,090 9,627 17,603	Percent 3% 18% 21% 39%	1159 1114 1045 925	584 561 526 463	Math 576 553 520 462	83% 80% 69% 38%	ERW 88% 91% 88% 65%	Math 85% 82% 72% 43%	10% 7% 10% 30% 64%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79)	Number 1,288 8,090 9,627 17,603 4,017	Percent  3%  18%  21%  39%  9%	1159 1114 1045 925 807	584 561 526 463 399	Math 576 553 520 462 408	83% 80% 69% 38% 12%	ERW 88% 91% 88% 65% 32%	Math 85% 82% 72% 43% 16%	10% 7% 10% 30% 64% 78%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79) D, E, or F (below 70)	Number 1,288 8,090 9,627 17,603 4,017 446 3,927	Percent  3%  18%  21%  39%  9%  1%	1159 1114 1045 925 807 753	584 561 526 463 399 371	Math 576 553 520 462 408 383 455	83% 80% 69% 38% 12% 6%	ERW 88% 91% 88% 65% 32% 19% 54%	Math 85% 82% 72% 43% 16% 9%	None 10% 7% 10% 30% 64% 78% 43%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79) D, E, or F (below 70)	Number 1,288 8,090 9,627 17,603 4,017 446 3,927	Percent  3%  18%  21%  39%  9%  1%  9%	1159 1114 1045 925 807 753	584 561 526 463 399 371 452	Math 576 553 520 462 408 383 455	83% 80% 69% 38% 12% 6%	ERW 88% 91% 88% 65% 32% 19% 54%	Math 85% 82% 72% 43% 16% 9% 40%	10% 7% 10% 30% 64% 78% 43%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79) D, E, or F (below 70) No Response	Number  1,288 8,090 9,627 17,603 4,017 446 3,927  Test	Percent  3%  18%  21%  39%  9%  1%  9%  st Takers  Percent	1159 1114 1045 925 807 753 907	584 561 526 463 399 371 452 <b>Mean Scor</b>	Math 576 553 520 462 408 383 455	83% 80% 69% 38% 12% 6% 36%	ERW 88% 91% 88% 65% 32% 19% 54%  Met Be	Math 85% 82% 72% 43% 16% 9% 40% enchmarks Math	10% 7% 10% 30% 64% 78% 43%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79) D, E, or F (below 70) No Response  11th Grade A+ (97–100)	Number 1,288 8,090 9,627 17,603 4,017 446 3,927  Tes Number 1,712	Percent  3%  18%  21%  39%  9%  1%  9%  st Takers  Percent  3%	1159 1114 1045 925 807 753 907 Total 1219	584 561 526 463 399 371 452 <b>Mean Scot</b> ERW 611	Math 576 553 520 462 408 383 455 Te Math 608	83% 80% 69% 38% 12% 6% 36% Both	88% 91% 88% 65% 32% 19% 54%  Met Be ERW 90%	Math 85% 82% 72% 43% 16% 9% 40% enchmarks Math 85%	10% 7% 10% 30% 64% 78% 43% None	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79) D, E, or F (below 70) No Response  11th Grade A+ (97–100) A (93–96)	Number  1,288 8,090 9,627 17,603 4,017 446 3,927  Tes Number 1,712 8,275	Percent  3%  18%  21%  39%  9%  1%  9%  st Takers  Percent  3%  15%	1159 1114 1045 925 807 753 907 Total 1219 1188	584 561 526 463 399 371 452 <b>Mean Scot</b> ERW 611 595	Math 576 553 520 462 408 383 455 re Math 608 594	83% 80% 69% 38% 12% 6% 36% Both 84% 80%	88% 91% 88% 65% 32% 19% 54%  Met Be ERW 90%	Math 85% 82% 72% 43% 16% 9% 40%  Penchmarks Math 85% 82%	10% 7% 10% 30% 64% 78% 43% None 9%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79) D, E, or F (below 70) No Response  11th Grade A+ (97–100) A (93–96) A- (90–92)	Number 1,288 8,090 9,627 17,603 4,017 446 3,927  Tes Number 1,712 8,275 11,253	Percent  3%  18%  21%  39%  9%  1%  9%  st Takers  Percent  3%  15%  20%	1159 1114 1045 925 807 753 907 Total 1219 1188 1126	ERW 584 561 526 463 399 371 452  Mean Score ERW 611 595 564	Math 576 553 520 462 408 383 455  Te  Math 608 594 562	83% 80% 69% 38% 12% 6% 36% Both 84% 80% 73%	ERW 88% 91% 88% 65% 32% 19% 54%  Met Be ERW 90% 90% 88%	Math 85% 82% 72% 43% 16% 9% 40%  enchmarks Math 85% 82% 75%	10% 7% 10% 30% 64% 78% 43% None 9% 8% 10%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79) D, E, or F (below 70) No Response  11th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89)	Number 1,288 8,090 9,627 17,603 4,017 446 3,927  Tes Number 1,712 8,275 11,253 25,283	Percent  3%  18%  21%  39%  9%  1%  9%  st Takers  Percent  3%  15%  20%  45%	1159 1114 1045 925 807 753 907 Total 1219 1188 1126 990	ERW 584 561 526 463 399 371 452  Mean Score ERW 611 595 564 496	Math 576 553 520 462 408 383 455  Te  Math 608 594 562 494	83% 80% 69% 38% 12% 6% 36% Both 84% 80% 73% 41%	ERW 88% 91% 88% 65% 32% 19% 54%  Met Be ERW 90% 90% 88% 67%	Math 85% 82% 72% 43% 16% 9% 40% enchmarks Math 85% 82% 75% 44%	10% 7% 10% 30% 64% 78% 43% None 9% 8% 10% 30%	
10th Grade A+ (97–100) A (93–96) A- (90–92) B (80–89) C (70–79) D, E, or F (below 70) No Response  11th Grade A+ (97–100) A (93–96) A- (90–92)	Number 1,288 8,090 9,627 17,603 4,017 446 3,927  Tes Number 1,712 8,275 11,253	Percent  3%  18%  21%  39%  9%  1%  9%  st Takers  Percent  3%  15%  20%	1159 1114 1045 925 807 753 907 Total 1219 1188 1126	ERW 584 561 526 463 399 371 452  Mean Score ERW 611 595 564	Math 576 553 520 462 408 383 455  Te  Math 608 594 562	83% 80% 69% 38% 12% 6% 36% Both 84% 80% 73%	ERW 88% 91% 88% 65% 32% 19% 54%  Met Be ERW 90% 90% 88%	Math 85% 82% 72% 43% 16% 9% 40%  enchmarks Math 85% 82% 75%	10% 7% 10% 30% 64% 78% 43%	

<sup>&</sup>lt;sup>1</sup> Based on grade-level benchmarks.

# **PSAT 8/9 Participation and Performance**

Data reflect students who took the PSAT 8/9 during the 2016-17 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	3	Mean Score				
	Number	Total	ERW	Math			
Total	12,541	877	441	436			
Fall	11,894	876	441	435			
Spring	785	882	439	443			

Sex	Tes		Mean Score			
	Number	Percent	Total	ERW	Math	
Female	5,930	48%	884	451	433	
Male	6,334	52%	872	433	439	

Grade Level	Tes	Test Takers			Mean Score			Met Benchmarks¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None		
8th Grade	2,734	22%	853	432	420	41%	68%	45%	28%		
9th Grade	9,145	73%	889	447	443	45%	65%	50%	30%		
Other / No Response	662	5%	803	401	402						

Race/Ethnicity							
•	Tes	st Takers		Mean Score			
Total	Number	Percent	Total	ERW	Math		
American Indian/Alaska Native	85	1%	771	384	387		
Asian	687	5%	937	448	489		
Black/African American	1,215	10%	806	401	405		
Hispanic/Latino	2,335	19%	804	400	404		
Native Hawaiian/Other Pacific Islander	20	0%	867	433	434		
White	5,820	46%	931	474	457		
Two or More Races	521	4%	903	457	446		
No Response	1,858	15%	819	412	407		

	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	25	1%	760	379	381	12%	40%	20%	52%
Asian	102	4%	900	443	457	57%	74%	63%	21%
Black/African American	185	7%	834	417	417	34%	60%	41%	32%
Hispanic/Latino	291	11%	824	408	416	34%	55%	42%	37%
Native Hawaiian/Other Pacific Islander	4	0%							
White	1,214	44%	887	454	433	51%	78%	54%	19%
Two or More Races	97	4%	880	450	430	48%	82%	51%	15%
No Response	816	30%	810	411	399	27%	59%	31%	38%

	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	57	1%	776	387	389	21%	39%	28%	54%
Asian	543	6%	947	451	496	56%	66%	73%	16%
Black/African American	952	10%	804	400	405	22%	44%	27%	51%
Hispanic/Latino	1,918	21%	806	401	405	26%	44%	32%	50%
Native Hawaiian/Other Pacific Islander	16	0%	869	431	438	38%	50%	44%	44%
White	4,474	49%	945	480	465	58%	80%	62%	17%
Two or More Races	404	4%	914	461	453	50%	73%	56%	22%
No Response	781	9%	836	418	418	31%	52%	37%	42%

# **PSAT 8/9 Participation and Performance**

Data reflect students who took the PSAT 8/9 during the 2016-17 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	<sub>3</sub> 1
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,542	56%	875	446	429	47%	74%	51%	22%
English and Another Language	350	13%	847	423	424	41%	65%	47%	29%
Another Language	101	4%	842	410	431	43%	58%	48%	37%
No Response	741	27%	810	412	399	28%	60%	30%	38%
	Te	st Takers		Mean Sco	re		Met Be	enchmarks	i
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	5,658	62%	922	467	455	53%	74%	57%	22%
English and Another Language	1,564	17%	858	427	431	37%	57%	44%	37%
Another Language	759	8%	845	406	439	32%	46%	48%	38%
No Response	1,164	13%	799	399	400	23%	41%	28%	54%
High School Grade Point Average	Te	st Takers		Mean Sco	re		Met Benchma		i
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	85	3%	1048	541	508	86%	93%	87%	6%
A (93–96)	387	14%	959	494	464	72%	91%	75%	6%
A- (90–92)	365	13%	911	465	446	60%	87%	63%	10%
B (80-89)	793	29%	831	417	414	34%	67%	39%	27%
C (70-79)	237	9%	765	380	385	17%	40%	23%	54%
D, E, or F (below 70)	72	3%	716	354	362	7%	26%	10%	71%
No Response	795	29%	813	413	400	29%	60%	31%	37%
	Te	st Takers		Mean Sco	re		Met Be	enchmarks	<b>.</b>
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	198	2%	1022	514	508	72%	78%	75%	19%
A (93–96)	1,340	15%	1017	514	503	77%	89%	80%	8%
A- (90–92)	1,661	18%	963	487	476	66%	85%	70%	11%
B (80–89)	3,318	36%	866	436	431	37%	64%	44%	30%
C (70–79)	903	10%	766	378	387	13%	31%	20%	61%
D, E, or F (below 70)	160	2%	717	355	362	9%	23%	12%	74%
D, L, OIT (DEIOW TO)	100	<b>2</b> /0	7.17	333	302	3 /0	20 /0	12 /0	1 7 /0

1,565

17%

823

410

413

29%

47%

35%

47%

No Response

<sup>&</sup>lt;sup>1</sup> Based on grade-level benchmarks.