CollegeBoard

2019

SAT Suite of Assessments Annual Report

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

Total Group

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.

CollegeBoard **SAT**

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

Total	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Total	2,220,087		1059	531	528	45%	68%	48%	30%
Took Essay¹	1,410,113	64%	1088	545	543	51%	71%	53%	26%

Race / Ethnicity

Race / Ethnicity	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	12,917	1%	912	461	451	18%	39%	21%	58%
Asian	228,527	10%	1223	586	637	75%	83%	80%	11%
Black/African American	271,178	12%	933	476	457	20%	46%	22%	53%
Hispanic/Latino	554,665	25%	978	495	483	29%	55%	31%	43%
Native Hawaiian/Other Pacific Islander	5,430	0%	964	487	478	27%	51%	29%	47%
White	947,842	43%	1114	562	553	57%	80%	59%	18%
Two or More Races	87,178	4%	1095	554	540	51%	76%	53%	22%
No Response	112,350	5%	959	472	487	28%	44%	34%	50%

Sex

Sex	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	1,156,766	52%	1053	534	519	43%	69%	45%	29%
Male	1,061,599	48%	1066	529	537	48%	66%	51%	31%
No Response	1,722	0%	802	409	393	5%	18%	6%	81%

First Language Learned

First Language Learned	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,400,229	63%	1074	543	530	48%	73%	50%	26%
English and Another Language	439,931	20%	1047	521	526	42%	63%	45%	34%
Another Language	269,381	12%	1057	515	543	44%	60%	50%	34%
No Response	110,546	5%	925	460	465	22%	39%	27%	57%

Highest Level of Parental Education

Highest Level of Parental Education	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	198,564	9%	926	464	462	19%	40%	23%	56%
High School Diploma	608,174	27%	989	500	490	31%	58%	33%	40%
Associate Degree	159,521	7%	1027	519	508	38%	67%	41%	30%
Bachelor's Degree	620,711	28%	1121	561	560	59%	81%	61%	17%
Graduate Degree	461,235	21%	1194	596	598	71%	87%	73%	11%
No Response	171,882	8%	902	450	452	18%	34%	22%	61%

SAT Fee Waiver²

SAT Fee Waiver²	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Used at any point	427,442	19%	987	499	488	29%	57%	32%	41%
Did not use	1,792,645	81%	1076	539	537	49%	70%	52%	27%

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		
1400–1600	154,485	7%
1200–1390	431,780	19%
1000–1190	736,067	33%
800–990	655,005	30%
600–790	237,303	11%
400–590	5,447	
Mean	1059	
SD	210	

ERW			Math	
700–800	146,956	7%	213,487	10%
600–690	491,451	22%	379,248	17%
500–590	714,170	32%	732,269	33%
400–490	651,079	29%	592,617	27%
300–390	208,096	9%	286,203	13%
200–290	8,335		16,263	
Mean	531		528	
SD	104		117	

Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	171,657	193,524
30–34	491,289	555,016
25–29	775,288	691,591
20–24	569,522	582,439
15–19	193,670	184,575
10–14	18,661	12,942
Mean	27	27
SD	5	5

Test Scores

	Reading	Writing and Language	Math
35–40	168,174	172,930	213,487
30–34.5	533,431	498,915	379,248
25–29.5	739,789	663,459	732,269
20–24.5	604,105	634,781	592,617
15–19.5	163,611	235,701	286,203
10–14.5	10,977	14,301	16,263
Mean	27	26	26
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	247,896	266,421	317,308	228,142	264,498	316,651	320,558
10–12	785,852	638,008	671,368	543,428	534,486	587,067	531,775
7–9	737,732	868,699	777,046	689,391	905,750	673,145	833,503
4–6	343,915	431,099	414,785	633,432	450,453	450,001	457,416
1–3	104,692	15,860	39,580	125,694	64,900	193,223	76,835
Mean	9	9	9	8	9	9	9
SD	3	3	3	3	3	3	3

Essay[1]

	8	7	6	5	4	3	2	Mean	SD
Reading	10,914	48,492	364,978	310,837	419,191	142,329	113,372	5	1
Analysis	1,894	13,275	91,921	190,031	396,280	267,839	448,873	3	1
Writing	22,369	77,062	559,954	284,175	335,409	72,706	58,438	5	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	2,220,087	1,156,766	1,061,599	12,917	228,527	271,178	554,665	5,430	947,842	87,178
Total Score										
1400–1600	7%	6%	8%	1%	25%	1%	2%	2%	8%	8%
1200–1390	19%	19%	20%	6%	32%	7%	11%	9%	26%	22%
1000–1190	33%	35%	32%	22%	27%	25%	31%	30%	39%	36%
800–990	30%	31%	28%	41%	13%	45%	40%	40%	22%	27%
600–790	11%	10%	12%	29%	3%	22%	16%	19%	5%	6%
400–590	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%
Section Scores - ERW										
700–800	7%	6%	7%	1%	17%	1%	2%	2%	9%	9%
600–690	22%	22%	22%	8%	32%	9%	13%	11%	30%	27%
500–590	32%	33%	31%	23%	30%	27%	31%	30%	36%	35%
400–490	29%	30%	29%	42%	17%	44%	39%	41%	21%	25%
300–390	9%	8%	11%	25%	4%	18%	14%	15%	4%	5%
200–290	0%	0%	0%	1%	0%	1%	0%	0%	0%	0%
Section (Test) Scores - Math[1]										
700–800 (35–40)	10%	7%	12%	2%	37%	2%	3%	3%	10%	10%
600–690 (30–34.5)	17%	16%	19%	6%	26%	6%	10%	9%	23%	19%
500–590 (25–29.5)	33%	34%	32%	24%	24%	25%	31%	30%	39%	36%
400–490 (20–24.5)	27%	29%	24%	37%	10%	39%	36%	34%	21%	25%
300–390 (15–19.5)	13%	13%	13%	30%	3%	26%	19%	22%	6%	9%
200–290 (10–14.5)	1%	1%	1%	2%	0%	2%	1%	1%	0%	0%
Test Scores - Reading										
35–40	8%	7%	8%	1%	16%	2%	3%	2%	10%	10%
30–34	24%	24%	24%	10%	32%	11%	16%	13%	32%	29%
25–29	33%	35%	32%	27%	31%	31%	34%	32%	35%	35%
20–24	27%	28%	27%	43%	17%	41%	36%	38%	19%	22%
15–19	7%	6%	8%	18%	3%	14%	11%	13%	3%	4%
10–14	0%	0%	1%	1%	0%	1%	1%	1%	0%	0%
Test Scores - Writing and Language										
35–40	8%	8%	8%	1%	20%	2%	3%	3%	10%	10%
30–34	22%	23%	22%	8%	33%	10%	14%	12%	30%	26%
25–29	30%	31%	29%	23%	26%	25%	29%	29%	34%	32%
20–24	29%	29%	29%	41%	16%	42%	38%	39%	22%	25%
15–19	11%	9%	12%	26%	4%	19%	16%	17%	5%	6%
10–14	1%	0%	1%	2%	0%	1%	1%	1%	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	Mean Score Math
Agriculture, Agriculture Operations, and Related Sciences	24,913	1%	977	496	481
Architecture and Related Services	28,988	2%	1047	520	527
Area, Ethnic, Cultural, and Gender Studies	2,629	0%	1040	536	504
Biological and Biomedical Sciences	155,834	8%	1139	572	566
Business, Management, Marketing, and Related Support Services	221,523	12%	1072	534	537
Communication, Journalism, and Related Programs	36,332	2%	1069	550	519
Computer and Information Sciences and Support Services	79,736	4%	1156	571	585
Construction Trades, General	2,500	0%	919	459	460
Education	71,882	4%	1022	519	503
Engineering	194,127	11%	1139	559	581
Engineering Technologies/Technicians	33,595	2%	1041	512	528
English Language and Literature/Letters	16,233	1%	1119	585	533
Family and Consumer Sciences/Human Sciences	6,469	0%	953	484	469
Foreign Languages and Literatures, General	9,936	1%	1102	566	536
Health Professions and Related Clinical Sciences	331,026	18%	1048	529	518
History, General	12,611	1%	1090	563	527
Legal Studies, General	35,788	2%	1104	564	540
Liberal Arts and Sciences, General Studies and Humanities	8,611	0%	1140	584	556
Library Science/Librarianship	283	0%	1105	577	527
Mathematics and Statistics	16,508	1%	1242	597	646
Mechanic and Repair Technologies/Technicians	6,592	0%	916	458	458
Military Technologies	7,448	0%	984	498	486
Multi/Interdisciplinary Studies	2,979	0%	1155	581	574
Natural Resources and Conservation	10,147	1%	1104	562	543
Parks, Recreation and Leisure Studies	13,039	1%	960	482	478
Personal And Culinary Services, General	6,668	0%	929	474	456
Philosophy and Religious Studies	3,381	0%	1120	572	548
Physical Sciences	26,318	1%	1203	597	606
Precision Production	319	0%	932	466	466
Psychology, General	75,626	4%	1064	546	518
Public Administration and Social Service Professions	7,852	0%	1001	513	488
Security and Protective Services	68,177	4%	975	495	479
Social Sciences	33,356	2%	1164	594	570
Theology and Religious Vocations	1,991	0%	1096	561	535
Transportation and Materials Moving	1,105	0%	1019	511	508
Visual and Performing Arts, General	130,642	7%	1045	536	510
Other	26,888	1%	963	488	476
Undecided	126,939	7%	1069	538	532

Degree-Level Goal	Test Takers	Percent	Total	Mean Score ERW	Mean Score Math
Certificate Program	19,344	1%	900	453	447
Associate Degree	33,016	2%	883	449	434
Bachelor's Degree	448,403	28%	1039	524	515
Master's Degree	504,128	31%	1118	560	558
Doctoral or Related Degree	355,990	22%	1157	580	578
Other	11,817	1%	903	452	452
Undecided	229,819	14%	1054	530	524

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	4,256,634	964	487	478
PSAT/NMSQT	3,835,275	969	489	479
PSAT 10	496,294	927	467	459

Sex

	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	2,170,805	51%	973	497	476
Male	2,065,437	49%	957	477	480
No Response	20,392	0%	794	398	397

Grade Level

	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	2,278,505	54%	932	470	462	40%	63%	42%	35%
11th Grade	1,747,071	41%	1013	512	501	43%	69%	45%	30%
Other/No Response	231,058	5%	923	465	458				

Race/Ethnicity

Total	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	40,060	1%	837	419	418
Asian	335,570	8%	1115	548	567
Black/African American	444,343	10%	857	433	424
Hispanic/Latino	1,148,762	27%	890	449	441
Native Hawaiian/Other Pacific Islander	11,670	0%	883	444	438
White	1,749,034	41%	1032	524	508
Two or More Races	174,979	4%	1010	513	496
No Response	352,216	8%	861	432	429

10th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	25,221	1%	821	411	410	16%	38%	18%	60%
Asian	164,766	7%	1080	532	549	70%	82%	74%	13%
Black/African American	242,704	11%	836	421	415	19%	43%	21%	55%
Hispanic/Latino	620,104	27%	865	436	429	25%	50%	27%	48%
Native Hawaiian/Other Pacific Islander	6,493	0%	864	434	430	24%	49%	26%	49%
White	878,379	39%	999	508	491	54%	79%	56%	19%
Two or More Races	92,009	4%	976	496	480	48%	73%	50%	25%
No Response	248,829	11%	852	427	425	24%	45%	26%	52%

11th Grade	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	12,470	1%	871	438	433	17%	40%	18%	58%
Asian	151,155	9%	1158	569	590	70%	83%	74%	13%
Black/African American	177,583	10%	889	451	438	19%	46%	20%	53%
Hispanic/Latino	472,020	27%	926	469	457	26%	54%	27%	45%
Native Hawaiian/Other Pacific Islander	4,405	0%	917	462	454	23%	51%	25%	47%
White	784,940	45%	1074	545	529	56%	82%	57%	17%
Two or More Races	72,894	4%	1060	538	521	52%	78%	53%	20%
No Response	71,604	4%	893	449	444	23%	43%	25%	55%

[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	1,310,270	58%	958	486	472	45%	70%	47%	28%
English and Another Language	451,833	20%	911	457	454	34%	57%	37%	41%
Another Language	172,365	8%	903	447	456	33%	53%	37%	43%
No Response	344,037	15%	874	439	435	29%	50%	31%	47%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,154,692	66%	1037	527	511	48%	75%	50%	24%
English and Another Language	367,922	21%	979	492	487	36%	60%	37%	38%
Another Language	162,386	9%	972	482	490	36%	56%	39%	40%
No Response	62,071	4%	867	436	431	19%	39%	21%	59%

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	189,801	8%	824	411	413	17%	38%	19%	59%
High School Diploma	536,808	24%	885	447	439	29%	56%	31%	42%
Associate Degree	126,464	6%	926	469	457	37%	66%	40%	31%
Bachelor's Degree	540,052	24%	1010	512	498	58%	81%	60%	17%
Graduate Degree	358,620	16%	1065	539	526	67%	85%	69%	13%
No Response	526,760	23%	848	426	422	22%	45%	25%	53%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	161,074	9%	868	435	433	16%	39%	17%	59%
High School Diploma	462,222	26%	938	474	464	27%	57%	29%	41%
Associate Degree	118,707	7%	982	498	484	36%	68%	38%	31%
Bachelor's Degree	524,117	30%	1072	543	529	56%	82%	57%	17%
Graduate Degree	378,222	22%	1142	578	564	68%	88%	69%	11%
No Response	102,729	6%	837	420	417	13%	33%	15%	66%

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)	134,579	6%	1122	567	554	79%	89%	80%	10%
A (93–96)	418,175	18%	1057	536	522	69%	86%	70%	12%
A- (90–92)	362,233	16%	986	499	487	54%	79%	56%	19%
B (80–89)	717,409	31%	885	446	438	27%	57%	30%	40%
C (70–79)	238,492	10%	786	393	393	8%	28%	9%	70%
D, E, or F (below 70)	35,427	2%	744	372	372	4%	17%	5%	81%
No Response	372,190	16%	870	437	433	28%	49%	30%	48%

11th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	141,392	8%	1211	610	600	82%	93%	83%	6%
A (93–96)	372,063	21%	1135	573	561	69%	88%	70%	11%
A- (90–92)	332,835	19%	1060	537	524	54%	82%	56%	17%
B (80–89)	631,794	36%	946	479	467	27%	60%	29%	38%
C (70–79)	171,820	10%	828	416	411	8%	30%	9%	69%
D, E, or F (below 70)	15,841	1%	771	387	384	4%	17%	5%	82%
No Response	81,326	5%	875	440	434	20%	40%	22%	58%

[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	1,747,071	906,324	836,808	12,470	151,155	177,583	472,020	4,405	784,940	72,894
Total Score										
1400–1520	4%	3%	5%	0%	17%	1%	1%	2%	4%	5%
1200–1390	16%	15%	16%	4%	28%	5%	7%	5%	22%	20%
1000–1190	32%	34%	30%	19%	31%	21%	26%	23%	40%	37%
800–990	31%	33%	29%	39%	18%	40%	41%	42%	26%	29%
600–790	16%	13%	18%	36%	5%	31%	25%	26%	7%	9%
320–590	1%	1%	1%	2%	0%	2%	1%	1%	0%	0%
Section Scores - ERW										
700–760	5%	5%	4%	1%	14%	1%	1%	1%	6%	6%
600–690	20%	20%	19%	6%	30%	8%	10%	8%	27%	25%
500–590	32%	35%	30%	21%	30%	24%	28%	27%	38%	36%
400–490	26%	27%	26%	34%	17%	35%	34%	36%	21%	23%
300–390	16%	13%	19%	37%	8%	30%	25%	26%	8%	10%
160–290	1%	1%	1%	2%	0%	3%	2%	2%	0%	1%
Section (Test) Scores - Math[1]										
700–760 (35–38)	6%	5%	8%	1%	26%	1%	2%	2%	7%	8%
600–690 (30–34.5)	13%	12%	14%	3%	23%	4%	6%	5%	18%	15%
500–590 (25–29.5)	29%	30%	28%	17%	28%	18%	23%	21%	37%	33%
400–490 (20–24.5)	35%	38%	32%	43%	18%	44%	44%	45%	31%	33%
300–390 (15–19.5)	15%	14%	15%	31%	5%	29%	23%	24%	7%	9%
160–290 (8–14.5)	2%	1%	2%	5%	0%	4%	3%	3%	1%	1%
Test Scores - Reading										
35–38	6%	6%	6%	1%	15%	1%	2%	2%	8%	8%
30–34	20%	21%	20%	7%	29%	9%	11%	9%	27%	25%
25–29	35%	37%	33%	26%	33%	29%	32%	30%	40%	38%
20–24	24%	24%	24%	34%	16%	33%	32%	34%	18%	20%
15–19	14%	12%	16%	31%	6%	26%	22%	23%	7%	8%
8–14	1%	1%	1%	2%	0%	2%	1%	1%	0%	0%
Test Scores - Writing and Language										
35–38	6%	7%	6%	1%	18%	1%	2%	2%	8%	8%
30–34	21%	22%	19%	7%	30%	9%	11%	9%	28%	26%
25–29	30%	32%	28%	21%	27%	23%	27%	27%	34%	33%
20–24	24%	24%	24%	31%	16%	32%	32%	34%	20%	22%
15–19	16%	13%	19%	34%	8%	29%	24%	24%	9%	11%
8–14	3%	2%	4%	7%	1%	6%	4%	4%	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: 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	2,278,505	1,149,890	1,119,431	25,221	164,766	242,704	620,104	6,493	878,379	92,009
Total Score										
1400–1520	1%	1%	1%	0%	6%	0%	0%	0%	1%	2%
1200–1390	8%	8%	9%	1%	23%	2%	3%	3%	12%	11%
1000–1190	26%	29%	24%	11%	36%	14%	18%	17%	37%	32%
800–990	37%	39%	35%	39%	26%	39%	41%	41%	36%	38%
600–790	26%	22%	29%	46%	8%	42%	36%	37%	13%	17%
320–590	1%	1%	2%	3%	0%	3%	2%	2%	0%	1%
Section Scores - ERW										
700–760	1%	2%	1%	0%	5%	0%	0%	0%	2%	2%
600–690	11%	12%	10%	2%	24%	4%	5%	5%	17%	16%
500–590	28%	31%	25%	14%	35%	17%	21%	20%	37%	33%
400–490	31%	33%	30%	34%	23%	34%	35%	36%	29%	31%
300–390	26%	21%	31%	46%	11%	41%	36%	37%	14%	17%
160–290	2%	1%	2%	3%	1%	4%	3%	2%	1%	1%
Section (Test) Scores - Math[1]										
700–760 (35–38)	2%	2%	3%	0%	13%	0%	0%	1%	2%	3%
600–690 (30–34.5)	7%	6%	8%	1%	20%	2%	3%	3%	10%	9%
500–590 (25–29.5)	23%	24%	23%	10%	33%	12%	16%	15%	33%	28%
400–490 (20–24.5)	41%	44%	39%	43%	26%	44%	45%	45%	41%	42%
300–390 (15–19.5)	23%	22%	24%	40%	7%	38%	32%	33%	13%	17%
160–290 (8–14.5)	3%	2%	3%	5%	1%	5%	4%	4%	1%	2%
Test Scores - Reading										
35–38	2%	2%	2%	0%	7%	0%	1%	1%	3%	3%
30–34	12%	13%	12%	3%	24%	4%	6%	6%	18%	17%
25–29	31%	34%	29%	19%	38%	21%	25%	25%	40%	36%
20–24	30%	30%	30%	36%	21%	35%	35%	36%	26%	28%
15–19	22%	19%	26%	39%	10%	35%	31%	31%	12%	15%
8–14	2%	1%	2%	2%	0%	3%	2%	2%	0%	1%
Test Scores - Writing and Language										
35–38	2%	2%	2%	0%	7%	0%	1%	1%	3%	3%
30–34	13%	14%	11%	3%	26%	5%	6%	6%	19%	17%
25–29	27%	30%	24%	14%	32%	18%	21%	21%	35%	31%
20–24	29%	30%	28%	31%	22%	32%	33%	33%	27%	28%
15–19	25%	21%	29%	43%	12%	38%	33%	34%	15%	18%
8–14	5%	3%	6%	9%	2%	8%	6%	6%	2%	3%

[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	Percent	11th Grade Test Takers	Percent
Agriculture, Agriculture Operations, and Related Sciences	22,630	1%	22,447	1%
Architecture and Related Services	29,941	2%	28,385	2%
Area, Ethnic, Cultural, and Gender Studies	2,865	0%	2,703	0%
Biological and Biomedical Sciences	113,484	7%	130,327	8%
Business, Management, Marketing, and Related Support Services	130,156	8%	174,741	11%
Communication, Journalism, and Related Programs	23,718	2%	29,929	2%
Computer and Information Sciences and Support Services	56,628	4%	64,589	4%
Construction Trades, General	22	0%	1,071	0%
Education	41,069	3%	55,254	4%
Engineering	150,715	10%	159,232	10%
Engineering Technologies/Technicians	34,545	2%	27,850	2%
English Language and Literature/Letters	11,870	1%	12,761	1%
Family and Consumer Sciences/Human Sciences	5,443	0%	5,225	0%
Foreign Languages and Literatures, General	7,389	0%	8,284	1%
Health Professions and Related Clinical Sciences	276,516	18%	276,777	18%
History, General	8,183	1%	9,444	1%
Legal Studies, General	31,127	2%	30,316	2%
Liberal Arts and Sciences, General Studies and Humanities	2,389	0%	5,030	0%
Library Science/Librarianship	7	0%	120	0%
Mathematics and Statistics	11,181	1%	13,347	1%
Mechanic and Repair Technologies/Technicians	82	0%	2,432	0%
Military Technologies	8,425	1%	6,344	0%
Multi/Interdisciplinary Studies	2,792	0%	2,764	0%
Natural Resources and Conservation	6,242	0%	8,469	1%
Parks, Recreation and Leisure Studies	8,830	1%	8,488	1%
Personal And Culinary Services, General	1,261	0%	2,798	0%
Philosophy and Religious Studies	2,732	0%	2,962	0%
Physical Sciences	18,257	1%	20,846	1%
Precision Production	3	0%	125	0%
Psychology, General	45,401	3%	58,774	4%
Public Administration and Social Service Professions	5,415	0%	6,781	0%
Security and Protective Services	71,899	5%	63,361	4%
Social Sciences	20,674	1%	28,120	2%
Theology and Religious Vocations	971	0%	1,472	0%
Transportation and Materials Moving	39	0%	529	0%
Visual and Performing Arts, General	129,723	8%	118,211	8%
Other	30,748	2%	23,173	1%
Undecided	219,020	14%	149,171	10%

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 Score		
	Number		Total	ERW	Math
Total	1,773,153		848	427	421
Fall	1,272,483		835	419	415
Spring	585,756		875	441	434

Sex

	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	872,070	49%	860	437	422
Male	889,171	50%	838	416	421
No Response	11,912	1%	764	385	378

Grade Level

	Test Takers		Mean Score			Met Benchmarks[1]			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	690,084	39%	815	409	406	35%	55%	38%	41%
9th Grade	1,040,124	59%	874	440	434	41%	60%	44%	37%
Other / No Response	42,945	2%	755	381	374				

Race/Ethnicity

Total

	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	21,338	1%	780	391	389
Asian	91,171	5%	981	484	497
Black/African American	203,394	11%	768	388	380
Hispanic/Latino	485,906	27%	798	400	398
Native Hawaiian/Other Pacific Islander	4,470	0%	796	401	396
White	584,737	33%	917	463	454
Two or More Races	58,215	3%	889	450	439
No Response	323,922	18%	810	407	403

	Test Takers		Mean Score			Met Benchmarks[1]			
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	7,975	1%	769	385	384	23%	45%	27%	51%
Asian	32,906	5%	944	467	477	65%	77%	69%	18%
Black/African American	81,457	12%	745	376	369	17%	38%	20%	59%
Hispanic/Latino	187,867	27%	769	384	385	23%	44%	28%	52%
Native Hawaiian/Other Pacific Islander	1,822	0%	773	389	384	25%	45%	29%	52%
White	210,965	31%	877	442	435	50%	72%	53%	25%
Two or More Races	20,332	3%	851	430	421	42%	66%	46%	30%
No Response	146,760	21%	793	398	395	30%	50%	34%	46%

	Test Takers		Mean Score			Met Benchmarks[1]			
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	12,722	1%	790	396	394	21%	40%	25%	56%
Asian	56,383	5%	1006	496	510	69%	80%	74%	15%
Black/African American	116,022	11%	787	398	389	20%	41%	24%	56%
Hispanic/Latino	286,730	28%	820	412	408	28%	48%	32%	48%
Native Hawaiian/Other Pacific Islander	2,548	0%	816	410	406	28%	47%	31%	50%
White	363,430	35%	942	477	466	57%	76%	60%	21%
Two or More Races	36,327	3%	915	463	452	49%	70%	53%	26%
No Response	165,962	16%	830	417	413	32%	49%	36%	47%

[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	212,913	31%	844	426	418	42%	64%	45%	33%
English and Another Language	84,886	12%	806	403	404	32%	52%	36%	44%
Another Language	39,225	6%	789	390	399	29%	45%	34%	49%
No Response	353,060	51%	803	403	399	32%	52%	35%	44%

9th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	461,459	44%	900	455	445	47%	67%	50%	30%
English and Another Language	167,449	16%	855	428	427	36%	54%	40%	42%
Another Language	75,823	7%	841	416	425	33%	49%	39%	45%
No Response	335,393	32%	854	430	424	37%	55%	40%	41%

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)	24,990	4%	960	484	476	68%	81%	71%	17%
A (93–96)	71,890	10%	915	461	454	61%	79%	64%	18%
A- (90–92)	55,907	8%	857	430	427	47%	70%	52%	26%
B (80–89)	117,482	17%	785	393	392	25%	50%	30%	45%
C (70–79)	37,963	6%	706	353	352	8%	25%	11%	72%
D, E, or F (below 70)	6,365	1%	668	335	333	4%	16%	6%	82%
No Response	375,486	54%	803	404	400	32%	52%	35%	44%

9th Grade	Test Takers		Mean Score				Met Benchmarks[1]		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	42,195	4%	1018	514	504	72%	81%	74%	17%
A (93–96)	142,750	14%	987	498	489	68%	82%	70%	15%
A- (90–92)	122,476	12%	929	468	461	56%	75%	60%	21%
B (80–89)	257,560	25%	843	423	420	32%	56%	37%	39%
C (70–79)	90,022	9%	751	378	373	11%	30%	14%	67%
D, E, or F (below 70)	16,423	2%	705	357	348	5%	19%	8%	79%
No Response	368,698	35%	854	430	424	37%	55%	40%	41%

[1] Based on grade-level benchmarks.

CollegeBoard PSAT 8/9

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

Data reflect students who took the PSAT 8/9 during the 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	1,040,124	512,415	524,623	12,722	56,383	116,022	286,730	2,548	363,430	36,327
Total Score										
1400–1440	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1200–1390	4%	4%	4%	1%	15%	1%	1%	2%	6%	5%
1000–1190	22%	24%	20%	8%	37%	9%	13%	13%	33%	27%
800–990	38%	40%	36%	37%	32%	34%	38%	37%	41%	41%
600–790	32%	29%	34%	48%	13%	49%	42%	43%	18%	24%
240–590	4%	3%	5%	6%	1%	8%	6%	6%	1%	2%
Section Scores - ERW										
700–720	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
600–690	6%	7%	6%	1%	17%	2%	3%	3%	10%	9%
500–590	23%	25%	20%	10%	35%	11%	15%	15%	33%	28%
400–490	34%	36%	32%	34%	30%	32%	34%	34%	36%	36%
300–390	33%	29%	37%	50%	17%	48%	43%	43%	20%	24%
120–290	4%	2%	5%	5%	1%	6%	5%	5%	1%	2%
Section (Test) Scores - Math[1]										
700–720 (35–36)	1%	0%	1%	0%	4%	0%	0%	0%	1%	1%
600–690 (30–34.5)	4%	3%	4%	1%	16%	1%	1%	2%	5%	5%
500–590 (25–29.5)	22%	22%	21%	10%	38%	9%	14%	13%	31%	26%
400–490 (20–24.5)	40%	42%	38%	38%	30%	36%	40%	38%	44%	42%
300–390 (15–19.5)	28%	28%	28%	41%	11%	42%	36%	39%	17%	22%
120–290 (6–14.5)	7%	5%	8%	10%	2%	12%	9%	9%	3%	4%
Test Scores - Reading										
35–36	0%	0%	0%	0%	2%	0%	0%	0%	1%	1%
30–34	9%	10%	8%	2%	21%	3%	4%	4%	14%	12%
25–29	24%	26%	21%	13%	34%	14%	17%	16%	33%	29%
20–24	34%	35%	32%	35%	27%	34%	35%	34%	34%	35%
15–19	31%	27%	34%	46%	15%	45%	40%	42%	18%	22%
6–14	2%	2%	3%	4%	1%	4%	3%	3%	1%	1%
Test Scores - Writing and Language										
35–36	1%	1%	1%	0%	3%	0%	0%	0%	1%	1%
30–34	6%	7%	5%	1%	14%	2%	2%	2%	9%	8%
25–29	24%	27%	21%	12%	36%	12%	16%	16%	34%	29%
20–24	32%	34%	30%	31%	28%	30%	33%	33%	34%	34%
15–19	32%	28%	35%	46%	17%	45%	41%	40%	20%	24%
6–14	6%	4%	8%	10%	2%	10%	8%	9%	2%	3%

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

CollegeBoard PSAT 8/9

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

Data reflect students who took the PSAT 8/9 during the 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	690,084	340,634	345,311	7,975	32,906	81,457	187,867	1,822	210,965	20,332

Total Score

1400–1440	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1200–1390	2%	1%	2%	0%	9%	0%	0%	1%	2%	2%
1000–1190	13%	14%	13%	6%	30%	5%	7%	9%	21%	17%
800–990	36%	38%	34%	32%	37%	26%	32%	29%	45%	42%
600–790	43%	42%	45%	53%	21%	59%	53%	52%	29%	36%
240–590	6%	5%	7%	8%	2%	10%	8%	9%	2%	3%

Section Scores - ERW

700–720	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
600–690	3%	3%	2%	1%	10%	1%	1%	1%	4%	4%
500–590	15%	17%	13%	8%	30%	7%	8%	11%	23%	20%
400–490	33%	36%	30%	31%	34%	26%	29%	28%	40%	38%
300–390	43%	40%	47%	53%	24%	58%	53%	53%	30%	35%
120–290	6%	4%	7%	8%	2%	8%	8%	8%	2%	3%

Section (Test) Scores - Math[1]

700–720 (35–36)	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
600–690 (30–34.5)	2%	1%	2%	1%	10%	0%	0%	1%	2%	2%
500–590 (25–29.5)	13%	13%	14%	7%	31%	5%	7%	9%	21%	16%
400–490 (20–24.5)	38%	39%	37%	35%	36%	29%	35%	33%	46%	43%
300–390 (15–19.5)	38%	39%	37%	46%	18%	51%	46%	44%	26%	33%
120–290 (6–14.5)	9%	8%	10%	11%	3%	15%	11%	13%	4%	6%

Test Scores - Reading

35–36	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
30–34	5%	5%	4%	2%	14%	1%	2%	3%	7%	7%
25–29	17%	19%	15%	11%	30%	8%	11%	12%	25%	22%
20–24	33%	35%	32%	33%	32%	29%	31%	29%	38%	37%
15–19	40%	37%	43%	49%	22%	55%	50%	49%	27%	31%
6–14	4%	3%	5%	5%	2%	6%	6%	7%	1%	2%

Test Scores - Writing and Language

35–36	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
30–34	3%	3%	2%	1%	9%	1%	1%	1%	4%	4%
25–29	16%	18%	14%	9%	30%	7%	9%	12%	25%	20%
20–24	31%	34%	28%	29%	33%	25%	28%	26%	37%	36%
15–19	41%	38%	44%	50%	24%	54%	50%	49%	30%	35%
6–14	9%	6%	11%	11%	3%	13%	12%	11%	4%	5%

[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 | | Reading | Writing and Language | Math | Analysis in History/ Social Studies | Analysis in Science |
		ERW	Math					
75th	1210	610	600	31	31	30	30	31
50th	1050	530	520	27	26	26	27	27
25th	900	450	440	23	22	22	23	23

PSAT/NMSQT and PSAT 10 - Grade 11

| Percentile | Total | Section | | Reading | Writing and Language | Math | Analysis in History/ Social Studies | Analysis in Science |
		ERW	Math					
75th	1160	590	570	30	30	28.5	30	29
50th	1010	510	490	26	26	24.5	25	25
25th	860	430	420	22	21	21	22	21

PSAT/NMSQT and PSAT 10 - Grade 10

| Percentile | Total | Section | | Reading | Writing and Language | Math | Analysis in History/ Social Studies | Analysis in Science |
		ERW	Math					
75th	1060	540	520	27	27	26	27	27
50th	920	470	450	24	23	22.5	23	23
25th	780	390	390	20	18	19.5	20	20

PSAT 8/9 - Grade 9

| Percentile | Total | Section | | Reading | Writing and Language | Math | Analysis in History/ Social Studies | Analysis in Science |
		ERW	Math					
75th	1000	510	500	26	25	25	25	26
50th	860	430	430	22	21	21.5	21	22
25th	740	370	370	19	18	18.5	18	18

PSAT 8/9 - Grade 8

| Percentile | Total | Section | | Reading | Writing and Language | Math | Analysis in History/ Social Studies | Analysis in Science |
		ERW	Math					
75th	920	470	460	24	23	23	23	23
50th	800	400	400	20	19	20	20	20
25th	700	350	350	18	17	17.5	17	18