

2018

SAT Suite of Assessments Annual Report

SAT[®]

PSAT/NMSQT[®]

PSAT[®] 10

PSAT[®] 8/9

Total Group

DATA EMBARGO IN EFFECT. Information in this report is embargoed from dissemination to the media and general public until the College Board makes it publicly available on **October 25, 2018**. 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 2018 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—during the 2017-18 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

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

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.

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 Participation and Performance

Data reflect 2018 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	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Total	2,136,539		1068	536	531	47%	70%	49%	27%
Took Essay ¹	1,449,142	68%	1096	549	546	52%	74%	55%	24%

Race / Ethnicity	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	10,946	1%	949	480	469	24%	48%	26%	50%
Asian	217,971	10%	1223	588	635	75%	85%	81%	10%
Black/African American	263,318	12%	946	483	463	21%	50%	23%	49%
Hispanic/Latino	499,442	23%	990	501	489	31%	58%	33%	40%
Native Hawaiian/Other Pacific Islander	5,620	0%	986	498	489	31%	57%	33%	40%
White	930,825	44%	1123	566	557	59%	82%	61%	16%
Two or More Races	77,078	4%	1101	558	543	52%	78%	54%	20%
No Response	131,339	6%	954	472	481	26%	44%	31%	51%

Sex	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	1,117,329	52%	1061	539	522	44%	72%	46%	27%
Male	1,018,459	48%	1076	534	542	50%	69%	53%	28%
No Response	751	0%	779	406	374	3%	14%	4%	86%

First Language Learned	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,359,663	64%	1083	548	535	50%	75%	52%	23%
English and Another Language	414,790	19%	1056	526	530	44%	65%	47%	32%
Another Language	246,921	12%	1069	521	547	46%	63%	52%	31%
No Response	115,165	5%	930	463	467	22%	40%	26%	56%

Highest Level of Parental Education	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	172,575	8%	944	473	471	22%	45%	25%	51%
High School Diploma	576,612	27%	1005	507	497	33%	62%	36%	36%
Associate Degree	158,228	7%	1039	526	513	41%	71%	43%	27%
Bachelor's Degree	588,211	28%	1129	566	563	61%	83%	63%	15%
Graduate Degree	442,830	21%	1197	599	598	72%	88%	73%	10%
No Response	198,083	9%	911	454	457	18%	37%	22%	59%

SAT Fee Waiver	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Used at any point	444,166	21%	990	501	489	29%	58%	32%	39%
Did not use	1,692,373	79%	1088	545	543	52%	73%	54%	24%

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

Data reflect 2018 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	145,023	7%	700–800	140,614	7%	202,088	9%	
1200–1390	434,200	20%	600–690	495,747	23%	371,188	17%	
1000–1190	741,452	35%	500–590	719,988	34%	739,109	35%	
800–990	619,145	29%	400–490	601,691	28%	570,292	27%	
600–790	192,267	9%	300–390	170,178	8%	239,597	11%	
400–590	4,452		200–290	8,321		14,265		
Mean	1068		Mean	536		531		
SD	204		SD	102		114		

Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	169,074	176,566
30–34	480,102	544,967
25–29	776,662	712,888
20–24	523,040	539,949
15–19	171,801	151,247
10–14	15,860	10,922
Mean	27	27
SD	5	5

Test Scores

	Reading	Writing and Language	Math
35–40	166,212	179,972	202,088
30–34.5	529,164	492,038	371,188
25–29.5	736,809	673,047	739,109
20–24.5	545,064	582,616	570,292
15–19.5	148,837	193,338	239,597
10–14.5	10,453	15,528	14,265
Mean	27	27	27
SD	5	5	6

Subscores

	Words in Context	Command of Evidence	Expression of Ideas	Standard English Conventions	Heart of Algebra	Problem Solving and Data Analysis	Passport to Advanced Mathematics
13–15	265,793	260,617	292,470	236,683	243,679	264,388	295,904
10–12	743,040	613,277	677,917	526,286	579,403	615,871	532,757
7–9	738,790	881,828	756,439	712,416	857,227	706,138	776,736
4–6	298,596	365,870	363,448	568,896	401,967	387,193	467,167
1–3	90,320	14,947	46,265	92,258	54,263	162,949	63,975
Mean	9	9	9	8	9	9	9
SD	3	3	3	3	3	3	3

Essay¹

	8	7	6	5	4	3	2	Mean	SD
Reading	13,113	67,630	474,646	367,365	365,008	101,911	59,469	5	1
Analysis	4,000	24,300	133,096	241,905	375,012	274,995	395,834	4	1
Writing	15,237	69,416	518,216	346,890	345,526	95,279	58,578	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 2018 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 Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	2,136,539	1,117,329	1,018,459	10,946	217,971	263,318	499,442	5,620	930,825	77,078

Total Score

1400–1600	7%	6%	8%	1%	24%	1%	2%	2%	8%	8%
1200–1390	20%	19%	21%	8%	33%	7%	11%	11%	27%	23%
1000–1190	35%	36%	33%	28%	28%	27%	33%	33%	41%	37%
800–990	29%	31%	27%	42%	13%	45%	40%	40%	21%	26%
600–790	9%	8%	10%	20%	2%	19%	13%	14%	4%	5%
400–590	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Section Scores - ERW

700–800	7%	6%	7%	1%	16%	1%	2%	2%	9%	9%
600–690	23%	23%	23%	10%	34%	10%	14%	13%	31%	28%
500–590	34%	35%	32%	28%	31%	30%	33%	34%	37%	35%
400–490	28%	28%	28%	41%	16%	44%	38%	39%	20%	23%
300–390	8%	7%	9%	18%	3%	15%	12%	12%	3%	5%
200–290	0%	0%	1%	0%	0%	1%	0%	0%	0%	0%

Section (Test) Scores - Math¹

700–800 (35–40)	9%	7%	12%	2%	36%	1%	3%	3%	10%	10%
600–690 (30–34.5)	17%	16%	19%	8%	26%	7%	10%	10%	23%	19%
500–590 (25–29.5)	35%	36%	33%	29%	25%	27%	33%	34%	41%	37%
400–490 (20–24.5)	27%	29%	24%	37%	10%	40%	36%	36%	21%	25%
300–390 (15–19.5)	11%	12%	11%	23%	3%	23%	17%	17%	5%	8%
200–290 (10–14.5)	1%	1%	1%	2%	0%	1%	1%	1%	0%	0%

Test Scores - Reading

35–40	8%	7%	8%	2%	16%	2%	3%	3%	11%	11%
30–34	25%	25%	25%	13%	33%	12%	17%	15%	32%	30%
25–29	34%	36%	33%	31%	32%	33%	35%	35%	36%	35%
20–24	26%	26%	25%	38%	16%	40%	34%	36%	17%	20%
15–19	7%	6%	8%	15%	3%	13%	10%	10%	3%	4%
10–14	0%	0%	1%	1%	0%	1%	1%	1%	0%	0%

Test Scores - Writing and Language

35–40	8%	9%	8%	2%	21%	2%	3%	3%	11%	11%
30–34	23%	24%	22%	11%	33%	11%	14%	14%	30%	27%
25–29	32%	32%	31%	27%	27%	29%	31%	33%	35%	33%
20–24	27%	27%	28%	40%	15%	41%	37%	38%	20%	24%
15–19	9%	8%	10%	20%	4%	17%	13%	13%	4%	6%
10–14	1%	1%	1%	1%	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 2018 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.

Intended College Major	Test Takers	Percent	Total	Mean Score	
				ERW	Math
Agriculture, Agriculture Operations, and Related Sciences	21,353	1%	1000	507	493
Architecture and Related Services	25,197	1%	1062	527	535
Area, Ethnic, Cultural, and Gender Studies	2,053	0%	1060	547	513
Biological and Biomedical Sciences	135,986	8%	1152	579	573
Business, Management, Marketing, and Related Support Services	204,651	12%	1087	542	545
Communication, Journalism, and Related Programs	34,763	2%	1083	557	525
Computer and Information Sciences and Support Services	71,594	4%	1164	576	588
Construction Trades, General	1,727	0%	939	469	470
Education	67,842	4%	1037	527	510
Engineering	190,536	11%	1152	565	587
Engineering Technologies/Technicians	30,975	2%	1054	518	536
English Language and Literature/Letters	16,650	1%	1132	593	539
Family and Consumer Sciences/Human Sciences	5,099	0%	966	491	475
Foreign Languages and Literatures, General	8,820	0%	1116	574	542
Health Professions and Related Clinical Sciences	333,289	19%	1055	533	522
History, General	12,730	1%	1091	563	527
Legal Studies, General	35,086	2%	1100	562	538
Liberal Arts and Sciences, General Studies and Humanities	8,761	0%	1136	583	553
Library Science/Librarianship	249	0%	1111	581	530
Mathematics and Statistics	14,324	1%	1253	603	650
Mechanic and Repair Technologies/Technicians	4,910	0%	938	468	470
Military Technologies	8,259	0%	982	496	486
Multi/Interdisciplinary Studies	3,680	0%	1174	591	584
Natural Resources and Conservation	10,388	1%	1109	564	545
Parks, Recreation and Leisure Studies	14,531	1%	965	484	481
Personal And Culinary Services, General	7,235	0%	943	480	463
Philosophy and Religious Studies	3,319	0%	1118	572	545
Physical Sciences	26,394	1%	1205	599	606
Precision Production	281	0%	962	482	480
Psychology, General	74,271	4%	1066	548	519
Public Administration and Social Service Professions	7,917	0%	1008	517	491
Security and Protective Services	66,037	4%	978	497	482
Social Sciences	34,987	2%	1166	595	571
Theology and Religious Vocations	2,017	0%	1101	565	536
Transportation and Materials Moving	914	0%	1037	519	518
Visual and Performing Arts, General	126,299	7%	1051	539	512
Other	29,271	2%	966	489	477
Undecided	137,019	8%	1087	547	540

Degree-Level Goal

Certificate Program	15,409	1%	930	468	462
Associate Degree	25,451	2%	906	460	446
Bachelor's Degree	430,345	28%	1050	530	520
Master's Degree	508,325	33%	1125	564	561
Doctoral or Related Degree	362,898	23%	1163	584	579
Other	10,521	1%	923	462	461
Undecided	205,733	13%	1077	542	535

PSAT/NMSQT and PSAT 10 Participation and Performance

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2017-18 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	4,305,995	966	488	478	
PSAT/NMSQT	3,923,402	969	489	480	
PSAT 10	441,934	929	469	460	

Sex	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	2,193,217	51%	971	496	476
Male	2,085,892	48%	962	480	482
No Response	26,886	1%	814	408	406

Grade Level	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	2,240,289	52%	932	471	462	38%	63%	40%	35%
11th Grade	1,798,274	42%	1014	512	502	44%	68%	46%	30%
Other/No Response	267,432	6%	924	466	457				

Race/Ethnicity	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Total					
American Indian/Alaska Native	46,995	1%	829	415	414
Asian	340,226	8%	1103	541	562
Black/African American	465,108	11%	858	434	425
Hispanic/Latino	1,135,629	26%	892	449	443
Native Hawaiian/Other Pacific Islander	12,179	0%	882	444	438
White	1,827,218	42%	1031	524	507
Two or More Races	181,909	4%	1003	510	492
No Response	296,731	7%	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	29,613	1%	812	406	406	13%	34%	15%	64%
Asian	165,031	7%	1066	524	542	66%	80%	71%	15%
Black/African American	250,124	11%	837	422	415	17%	43%	19%	56%
Hispanic/Latino	611,432	27%	866	436	430	23%	49%	26%	49%
Native Hawaiian/Other Pacific Islander	6,604	0%	857	431	426	22%	47%	24%	51%
White	897,209	40%	997	507	490	53%	79%	55%	19%
Two or More Races	94,511	4%	968	493	475	45%	73%	46%	26%
No Response	185,765	8%	850	426	424	22%	44%	24%	54%

11th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	14,374	1%	866	433	433	16%	37%	18%	62%
Asian	153,236	9%	1148	562	586	69%	81%	74%	14%
Black/African American	188,521	10%	890	451	439	18%	45%	20%	54%
Hispanic/Latino	465,335	26%	928	468	460	26%	52%	28%	46%
Native Hawaiian/Other Pacific Islander	4,770	0%	921	465	456	25%	50%	26%	48%
White	831,624	46%	1074	545	528	56%	81%	58%	17%
Two or More Races	75,728	4%	1053	536	517	50%	77%	52%	22%
No Response	64,686	4%	900	452	448	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 2017-18 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	1,372,194	61%	956	485	471	43%	69%	45%	29%
English and Another Language	405,844	18%	912	457	455	33%	56%	35%	41%
Another Language	222,760	10%	896	442	454	30%	50%	35%	45%
No Response	239,491	11%	867	436	431	26%	48%	28%	50%

11th Grade	Test Takers		Mean Score				Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,225,010	68%	1036	526	510	48%	74%	50%	25%
English and Another Language	331,531	18%	981	492	489	36%	59%	38%	39%
Another Language	192,403	11%	967	476	491	34%	53%	39%	42%
No Response	49,330	3%	876	440	436	20%	39%	22%	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	205,829	9%	822	409	413	14%	36%	17%	61%
High School Diploma	591,215	26%	884	446	438	26%	55%	29%	43%
Associate Degree	130,607	6%	923	467	456	35%	65%	38%	32%
Bachelor's Degree	547,475	24%	1004	509	495	55%	80%	57%	18%
Graduate Degree	369,909	17%	1056	535	521	64%	84%	66%	14%
No Response	395,254	18%	851	427	423	22%	45%	24%	53%

11th Grade	Test Takers		Mean Score				Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	160,710	9%	871	434	437	15%	37%	18%	61%
High School Diploma	488,937	27%	940	475	466	28%	56%	30%	42%
Associate Degree	125,905	7%	983	498	485	36%	67%	38%	31%
Bachelor's Degree	534,509	30%	1071	542	529	56%	81%	58%	17%
Graduate Degree	386,690	22%	1139	576	563	68%	87%	69%	12%
No Response	101,523	6%	853	427	426	15%	34%	17%	64%

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)	124,781	6%	1122	567	554	78%	89%	79%	10%
A (93–96)	400,006	18%	1059	536	523	68%	86%	69%	12%
A- (90–92)	365,556	16%	990	501	489	53%	79%	55%	18%
B (80–89)	761,513	34%	888	448	440	26%	57%	29%	40%
C (70–79)	263,422	12%	796	399	397	8%	30%	10%	68%
D, E, or F (below 70)	37,440	2%	756	379	377	4%	19%	6%	80%
No Response	287,571	13%	867	436	431	26%	48%	28%	50%

11th Grade	Test Takers		Mean Score				Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	133,272	7%	1213	611	602	83%	93%	84%	6%
A (93–96)	366,247	20%	1140	576	565	71%	89%	72%	10%
A- (90–92)	341,896	19%	1065	539	526	56%	82%	58%	16%
B (80–89)	685,104	38%	948	479	468	28%	59%	30%	38%
C (70–79)	183,334	10%	836	420	416	8%	30%	10%	69%
D, E, or F (below 70)	15,498	1%	781	392	389	4%	18%	5%	81%
No Response	72,923	4%	894	449	445	23%	43%	25%	55%

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 2017-18 school year. If a student tested 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	1,798,274	933,192	863,319	14,374	153,236	188,521	465,335	4,770	831,624	75,728

Total Score

1400–1520	4%	3%	5%	0%	16%	0%	1%	1%	4%	5%
1200–1390	16%	15%	16%	3%	27%	4%	7%	6%	22%	19%
1000–1190	33%	34%	31%	17%	32%	20%	25%	24%	40%	36%
800–990	33%	34%	31%	40%	20%	43%	43%	42%	27%	30%
600–790	15%	13%	16%	37%	5%	30%	23%	25%	7%	9%
320–590	1%	0%	1%	1%	0%	1%	1%	1%	0%	0%

Section Scores - ERW

700–760	4%	5%	4%	1%	13%	1%	1%	1%	6%	6%
600–690	19%	20%	19%	5%	28%	7%	10%	9%	26%	24%
500–590	33%	34%	31%	19%	31%	24%	28%	27%	39%	36%
400–490	27%	28%	27%	35%	19%	37%	36%	36%	22%	24%
300–390	16%	13%	18%	38%	8%	30%	25%	26%	7%	10%
160–290	1%	1%	1%	2%	0%	2%	1%	1%	0%	0%

Section (Test) Scores - Math¹

700–760 (35–38)	5%	4%	7%	1%	22%	1%	1%	2%	5%	6%
600–690 (30–34.5)	14%	13%	15%	3%	25%	4%	6%	6%	19%	16%
500–590 (25–29.5)	30%	31%	29%	16%	29%	18%	24%	22%	38%	33%
400–490 (20–24.5)	37%	39%	34%	47%	19%	49%	47%	46%	31%	35%
300–390 (15–19.5)	13%	13%	14%	31%	5%	27%	20%	23%	7%	9%
160–290 (8–14.5)	1%	1%	1%	2%	0%	2%	1%	2%	0%	1%

Test Scores - Reading

35–38	5%	5%	5%	1%	12%	1%	2%	2%	7%	7%
30–34	20%	20%	20%	6%	28%	8%	11%	10%	27%	25%
25–29	32%	34%	30%	20%	31%	24%	28%	27%	37%	35%
20–24	29%	30%	28%	39%	21%	40%	38%	39%	22%	24%
15–19	13%	11%	15%	31%	7%	25%	20%	21%	6%	8%
8–14	1%	1%	1%	2%	0%	2%	1%	1%	0%	0%

Test Scores - Writing and Language

35–38	6%	6%	5%	1%	17%	1%	2%	2%	7%	7%
30–34	20%	21%	18%	6%	29%	8%	11%	10%	27%	24%
25–29	33%	34%	31%	21%	29%	25%	29%	29%	37%	36%
20–24	23%	22%	23%	30%	15%	31%	30%	29%	19%	21%
15–19	17%	15%	19%	38%	9%	30%	26%	27%	9%	11%
8–14	2%	1%	3%	6%	1%	4%	3%	3%	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 2017-18 school year. If a student tested 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	2,240,289	1,133,148	1,100,842	29,613	165,031	250,124	611,432	6,604	897,209	94,511

Total Score

1400–1520	1%	1%	1%	0%	6%	0%	0%	0%	1%	1%
1200–1390	8%	8%	8%	1%	21%	2%	3%	3%	12%	10%
1000–1190	26%	28%	25%	9%	36%	13%	17%	15%	37%	31%
800–990	39%	40%	37%	38%	27%	42%	43%	42%	37%	39%
600–790	25%	22%	28%	50%	10%	42%	35%	38%	12%	17%
320–590	1%	1%	1%	2%	0%	2%	1%	2%	0%	1%

Section Scores - ERW

700–760	1%	1%	1%	0%	5%	0%	0%	0%	2%	2%
600–690	11%	12%	10%	2%	22%	3%	5%	4%	17%	14%
500–590	28%	30%	26%	12%	35%	16%	20%	18%	38%	33%
400–490	33%	34%	32%	34%	25%	37%	37%	37%	31%	33%
300–390	25%	22%	29%	49%	13%	40%	36%	37%	13%	18%
160–290	2%	1%	2%	3%	1%	3%	2%	2%	0%	1%

Section (Test) Scores - Math¹

700–760 (35–38)	2%	1%	2%	0%	10%	0%	0%	1%	2%	2%
600–690 (30–34.5)	7%	6%	8%	1%	21%	1%	2%	3%	10%	9%
500–590 (25–29.5)	24%	24%	24%	9%	33%	11%	16%	14%	34%	28%
400–490 (20–24.5)	43%	46%	41%	44%	27%	47%	49%	47%	41%	44%
300–390 (15–19.5)	22%	21%	23%	42%	8%	36%	30%	33%	12%	17%
160–290 (8–14.5)	2%	1%	2%	4%	1%	3%	2%	3%	1%	1%

Test Scores - Reading

35–38	2%	2%	2%	0%	5%	0%	1%	1%	3%	3%
30–34	12%	13%	12%	3%	22%	4%	6%	5%	18%	16%
25–29	29%	31%	27%	15%	34%	18%	22%	21%	38%	34%
20–24	35%	36%	34%	41%	27%	42%	40%	40%	30%	33%
15–19	21%	18%	23%	39%	11%	33%	29%	31%	11%	14%
8–14	1%	1%	2%	3%	1%	3%	2%	2%	0%	1%

Test Scores - Writing and Language

35–38	2%	2%	2%	0%	6%	0%	0%	0%	3%	3%
30–34	12%	13%	10%	2%	23%	4%	5%	5%	18%	15%
25–29	28%	31%	26%	13%	34%	18%	22%	20%	37%	33%
20–24	29%	29%	29%	31%	22%	33%	32%	31%	26%	28%
15–19	25%	22%	29%	46%	13%	39%	35%	37%	15%	19%
8–14	4%	3%	5%	8%	1%	6%	5%	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

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2017-18 school year. If a student tested more than once, the most recent self-reported questionnaire response is summarized.

Intended College Major	10th Grade		11th Grade	
	Test Takers	Percent	Test Takers	Percent
Agriculture, Agriculture Operations, and Related Sciences	36,249	2%	25,814	2%
Architecture and Related Services	37,143	2%	27,950	2%
Area, Ethnic, Cultural, and Gender Studies	4,376	0%	3,093	0%
Biological and Biomedical Sciences	166,825	9%	145,406	9%
Business, Management, Marketing, and Related Support Services	180,417	10%	188,771	11%
Communication, Journalism, and Related Programs	35,907	2%	34,272	2%
Computer and Information Sciences and Support Services	65,639	4%	64,654	4%
Construction Trades, General	20	0%	335	0%
Education	57,711	3%	60,956	4%
Engineering	200,410	11%	184,974	11%
Engineering Technologies/Technicians	43,213	2%	30,254	2%
English Language and Literature/Letters	16,315	1%	15,227	1%
Family and Consumer Sciences/Human Sciences	11,405	1%	7,449	0%
Foreign Languages and Literatures, General	10,363	1%	9,425	1%
Health Professions and Related Clinical Sciences	275,636	15%	290,343	17%
History, General	8,725	0%	10,354	1%
Legal Studies, General	33,367	2%	31,120	2%
Liberal Arts and Sciences, General Studies and Humanities	2,807	0%	5,465	0%
Library Science/Librarianship	7	0%	101	0%
Mathematics and Statistics	11,720	1%	12,759	1%
Mechanic and Repair Technologies/Technicians	53	0%	890	0%
Military Technologies	10,328	1%	7,237	0%
Multi/Interdisciplinary Studies	2,114	0%	2,467	0%
Natural Resources and Conservation	6,123	0%	8,378	1%
Parks, Recreation and Leisure Studies	14,174	1%	11,168	1%
Personal And Culinary Services, General	1,635	0%	2,534	0%
Philosophy and Religious Studies	3,017	0%	3,188	0%
Physical Sciences	20,979	1%	22,526	1%
Precision Production	0		29	0%
Psychology, General	48,215	3%	57,884	3%
Public Administration and Social Service Professions	6,539	0%	7,308	0%
Security and Protective Services	76,538	4%	65,817	4%
Social Sciences	22,691	1%	29,684	2%
Theology and Religious Vocations	1,281	0%	1,765	0%
Transportation and Materials Moving	22	0%	289	0%
Visual and Performing Arts, General	154,925	9%	127,916	8%
Other	35,911	2%	28,263	2%
Undecided	178,821	10%	135,080	8%

PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2017-18 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	1,569,590	846	425	420	
Fall	1,215,114	833	419	414	
Spring	405,679	880	442	438	

Sex	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	771,697	49%	855	434	421
Male	786,185	50%	838	417	421
No Response	11,708	1%	757	380	377

Grade Level	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	599,765	38%	812	408	404	34%	55%	38%	40%
9th Grade	930,334	59%	871	438	433	39%	59%	42%	37%
Other / No Response	39,491	3%	770	390	381				

Total	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	18,989	1%	765	382	382
Asian	86,410	6%	974	479	494
Black/African American	202,303	13%	766	384	381
Hispanic/Latino	469,289	30%	794	397	397
Native Hawaiian/Other Pacific Islander	3,933	0%	784	394	390
White	547,317	35%	912	462	449
Two or More Races	59,479	4%	878	445	433
No Response	181,870	12%	810	406	403

8th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	7,316	1%	751	375	376	18%	38%	23%	56%
Asian	32,391	5%	937	464	473	64%	78%	69%	17%
Black/African American	76,430	13%	750	376	374	18%	39%	22%	57%
Hispanic/Latino	192,722	32%	767	382	384	22%	43%	28%	52%
Native Hawaiian/Other Pacific Islander	1,617	0%	762	382	379	21%	43%	24%	54%
White	179,859	30%	873	443	430	49%	73%	53%	23%
Two or More Races	20,071	3%	844	428	416	41%	66%	45%	30%
No Response	89,359	15%	795	399	396	30%	51%	35%	45%

9th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	11,120	1%	776	388	388	17%	36%	21%	60%
Asian	52,440	6%	999	490	509	67%	79%	74%	15%
Black/African American	120,270	13%	778	391	388	17%	37%	21%	60%
Hispanic/Latino	268,420	29%	814	407	407	25%	46%	30%	50%
Native Hawaiian/Other Pacific Islander	2,241	0%	803	404	398	23%	44%	27%	52%
White	357,520	38%	934	473	460	54%	76%	57%	21%
Two or More Races	38,050	4%	899	456	443	44%	67%	47%	29%
No Response	80,273	9%	835	418	416	31%	51%	35%	46%

¹Based on grade-level benchmarks.

PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2017-18 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	298,371	50%	835	422	413	39%	63%	43%	33%
English and Another Language	114,892	19%	794	396	399	29%	49%	34%	46%
Another Language	51,034	9%	783	386	396	27%	44%	34%	49%
No Response	135,468	23%	787	395	393	28%	48%	33%	47%

9th Grade	Test Takers		Mean Score				Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	539,413	58%	888	449	439	43%	65%	46%	32%
English and Another Language	173,166	19%	842	420	422	31%	51%	36%	45%
Another Language	77,690	8%	830	408	422	30%	45%	36%	48%
No Response	140,065	15%	862	433	429	38%	57%	41%	40%

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)	25,502	4%	966	487	478	70%	82%	72%	16%
A (93–96)	84,370	14%	919	465	454	63%	82%	66%	15%
A- (90–92)	67,141	11%	860	433	426	48%	72%	53%	23%
B (80–89)	155,890	26%	782	392	390	24%	50%	30%	44%
C (70–79)	60,437	10%	713	355	358	8%	26%	12%	70%
D, E, or F (below 70)	10,534	2%	679	338	341	4%	16%	7%	80%
No Response	195,891	33%	792	398	394	29%	50%	34%	46%

9th Grade	Test Takers		Mean Score				Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	36,894	4%	1026	517	510	73%	82%	74%	16%
A (93–96)	139,251	15%	995	502	493	69%	85%	72%	13%
A- (90–92)	125,310	13%	936	472	464	57%	79%	60%	17%
B (80–89)	284,153	31%	840	422	418	29%	55%	34%	40%
C (70–79)	123,485	13%	755	378	377	10%	30%	14%	67%
D, E, or F (below 70)	24,554	3%	713	357	356	6%	19%	8%	79%
No Response	196,687	21%	849	426	422	35%	53%	38%	43%

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 2017-18 school year. If a student took the PSAT 8/9 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	930,334	458,650	469,613	11,120	52,440	120,270	268,420	2,241	357,520	38,050

Total Score

1400–1440	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1200–1390	4%	4%	4%	1%	15%	1%	1%	1%	6%	5%
1000–1190	20%	21%	19%	7%	35%	7%	11%	10%	30%	24%
800–990	39%	42%	37%	33%	36%	33%	39%	36%	44%	42%
600–790	33%	31%	35%	53%	13%	53%	44%	46%	20%	27%
240–590	3%	3%	4%	6%	1%	7%	5%	6%	1%	2%

Section Scores - ERW

700–720	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
600–690	6%	6%	5%	1%	14%	1%	2%	2%	9%	7%
500–590	22%	24%	20%	9%	34%	9%	14%	13%	32%	26%
400–490	35%	37%	34%	31%	33%	31%	35%	34%	38%	37%
300–390	33%	30%	37%	53%	17%	52%	44%	45%	20%	27%
120–290	3%	2%	4%	6%	1%	6%	5%	5%	1%	2%

Section (Test) Scores - Math¹

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%	1%	5%	5%
500–590 (25–29.5)	19%	19%	19%	7%	35%	7%	12%	10%	27%	21%
400–490 (20–24.5)	41%	43%	39%	36%	33%	35%	41%	38%	44%	43%
300–390 (15–19.5)	31%	31%	32%	48%	12%	48%	40%	42%	20%	27%
120–290 (6–14.5)	5%	4%	5%	9%	1%	9%	6%	8%	2%	3%

Test Scores - Reading

35–36	0%	0%	0%	0%	1%	0%	0%	0%	1%	1%
30–34	7%	8%	7%	2%	16%	2%	3%	3%	11%	9%
25–29	25%	26%	23%	12%	35%	12%	16%	15%	34%	29%
20–24	35%	36%	34%	34%	31%	33%	36%	37%	36%	36%
15–19	31%	28%	33%	49%	16%	49%	41%	41%	17%	24%
6–14	2%	2%	3%	4%	1%	4%	3%	4%	1%	1%

Test Scores - Writing and Language

35–36	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
30–34	6%	7%	6%	1%	15%	1%	3%	2%	10%	8%
25–29	23%	26%	21%	10%	35%	11%	15%	14%	33%	27%
20–24	33%	35%	31%	29%	31%	31%	33%	33%	35%	35%
15–19	31%	28%	35%	48%	17%	46%	41%	42%	20%	26%
6–14	6%	4%	8%	11%	2%	11%	8%	9%	2%	4%

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 2017-18 school year. If a student took the PSAT 8/9 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	599,765	297,547	300,734	7,316	32,391	76,430	192,722	1,617	179,859	20,071

Total Score

1400–1440	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1200–1390	1%	1%	2%	0%	8%	0%	0%	0%	2%	2%
1000–1190	12%	12%	11%	3%	28%	4%	5%	5%	19%	15%
800–990	37%	39%	35%	29%	41%	27%	32%	29%	47%	42%
600–790	45%	44%	46%	59%	21%	60%	55%	58%	30%	38%
240–590	5%	4%	6%	8%	2%	8%	7%	7%	2%	3%

Section Scores - ERW

700–720	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
600–690	3%	3%	2%	0%	9%	1%	1%	1%	4%	3%
500–590	14%	16%	13%	6%	29%	6%	7%	7%	23%	18%
400–490	33%	36%	31%	28%	37%	27%	29%	29%	41%	38%
300–390	44%	42%	47%	59%	24%	58%	55%	56%	29%	37%
120–290	6%	4%	7%	8%	2%	8%	8%	7%	2%	3%

Section (Test) Scores - Math¹

700–720 (35–36)	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
600–690 (30–34.5)	2%	1%	2%	0%	9%	0%	0%	0%	2%	2%
500–590 (25–29.5)	11%	10%	11%	4%	28%	4%	6%	6%	17%	14%
400–490 (20–24.5)	39%	41%	38%	33%	40%	31%	36%	33%	47%	43%
300–390 (15–19.5)	41%	41%	41%	53%	19%	54%	49%	52%	30%	36%
120–290 (6–14.5)	7%	6%	7%	10%	2%	11%	9%	10%	3%	5%

Test Scores - Reading

35–36	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
30–34	3%	4%	3%	1%	10%	1%	1%	1%	6%	5%
25–29	17%	18%	16%	8%	31%	8%	10%	9%	27%	22%
20–24	35%	36%	34%	33%	35%	30%	32%	35%	40%	39%
15–19	41%	39%	42%	53%	22%	55%	51%	51%	25%	32%
6–14	4%	3%	4%	5%	1%	5%	5%	5%	1%	2%

Test Scores - Writing and Language

35–36	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
30–34	3%	3%	3%	1%	9%	1%	1%	1%	5%	4%
25–29	15%	17%	14%	6%	29%	7%	9%	9%	24%	19%
20–24	32%	35%	29%	26%	35%	27%	29%	27%	38%	36%
15–19	41%	38%	43%	53%	23%	52%	49%	49%	29%	35%
6–14	9%	7%	12%	14%	3%	13%	12%	13%	4%	6%

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 2018 high school graduates who took the new 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 2017-18 school year. PSAT 8/9 data reflect 8th or 9th grade students who took the PSAT 8/9 during the 2017-18 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	31	31
50th	1060	530	520	27	27	26	27	27
25th	920	460	450	23	23	22.5	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	1150	590	570	30	30	28.5	29	29
50th	1010	510	490	26	26	24.5	26	25
25th	860	430	430	22	21	21.5	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	910	460	450	23	23	22.5	23	23
25th	790	390	400	20	19	20	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	990	500	490	26	25	24.5	25	25
50th	860	430	430	22	21	21.5	21	22
25th	740	370	380	19	17	19	18	19

PSAT 8/9 - Grade 8

Percentile	Total	Section		Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
		ERW	Math					
75th	910	460	450	24	23	22.5	23	23
50th	790	400	400	20	20	20	20	20
25th	700	350	360	18	16	18	17	18