

2024

SAT Suite of Assessments Annual Report

SAT

PSAT/NMSQT

PSAT'10

PSAT⁸/9

Total Group

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About This Report

This report presents data on students in the class of 2024 who took the SAT® during high school, as well as takers of PSAT-related assessments—the PSAT/NMSQT®, PSAT™ 10, and PSAT™ 8/9—during the 2023-24 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.

This report is compiled by the College Board as a summary of the SAT program results, inclusive of all test takers. In some states, the SAT is offered as an accountability assessment to all students in 11th grade.* Because this report is focused on the total SAT test taking activity of the graduating Class of 2024, it is not comparable with or a substitute for data that is provided by state agencies regarding their state testing programs.

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.

SAT School Day

In the United States, students may take the SAT on a weekday in their school when it is provided by their state, district, or school through the SAT School Day program. SAT School Day is administered on test dates in the fall and spring. Students testing in the most recent school year as part of a state testing program are only included in the cohort-level data presented here if they are a member of the graduating class of 2024.

Median Family Income Estimates

To generate high-level estimates of participation in the SAT Suite of Assessments by income band, we estimate family income by linking students to the median family income in the census tract in which they live, according to American Community Survey (ACS) data. Each census tract's income estimate is a three-year rolling average of the most recent available ACS data. Median family income estimates are available for the total group and for U.S. states only.

Caveat on Using the Data

Relationships between test scores and other background or contextual factors are complex and interdependent. Caution is warranted when using scores to compare or evaluate teachers, schools, districts, or states, because of differences in participation and test taker populations.

Statistical Definitions

Mean score: The mean score is the arithmetic average of a defined set of test scores. Mean score statistics are reported here if there are ten or more students in a group or subgroup. Due to rounding, the mean section scores (ERW and Math) may not add up to the Total score.

Scaled score: A scaled score is the result of adjusting a raw score (the number of questions answered correctly) in ways that ensure that results across different test forms are comparable. The scores shown here and reported to educators, students, and institutions are scaled scores.

Standard deviation (SD): The standard deviation is a measure of the variability of a set of scores. If test scores cluster tightly around the mean score, as they do when the group tested is relatively homogeneous, the standard deviation is smaller than it would be with a more diverse group and a more widely dispersed distribution of scores.

College and Career Readiness Benchmarks

Each assessment in the SAT Suite has an associated set of metrics called the College and Career Readiness Benchmarks.

- The SAT Math benchmark is the section score associated with a 75% chance of earning at least a C in first-semester, credit-bearing, college-level courses in algebra, statistics, precalculus, or calculus.
- The SAT Evidence-Based Reading and Writing (ERW) benchmark is associated with a 75% chance of earning at least a C in first-semester, credit-bearing, college-level courses in history, literature, social science, or writing.

The grade-level benchmark scores for PSAT-related assessments are based on expected student growth toward the SAT benchmarks at each grade. While SAT benchmarks indicate likelihood of success in college, grade-level benchmarks indicate whether a student is on track for college and career readiness for their grade. The benchmarks are set to reflect typical annual growth from year to year from 8th through 12th grades.

Assessment/ Grade level	ERW Section Score	Math Section Score
SAT	480	530
Grade 11	460	510
Grade 10	430	480
Grade 9	410	450
Grade 8	390	430

The current SAT Suite benchmark outcomes should not be compared against results from the old SAT or PSAT/NMSQT, as the score scale and benchmark definitions have changed.

Benchmark statistics are reported if there are ten or more students in a group or subgroup.

About the College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of over 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success—including the SAT® and the Advanced Placement Program® (AP®). The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.

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SAT Participation and Performance

Data reflect SAT test activity for students who graduated high school in 2024. If a student took the SAT more than once, the most recent score is summarized.

Total	Te	st Takers		Mean Sco	re		Met Ben	chmarks	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	Non
Total	1,973,891		1024	519	505	39%	62%	41%	36%
Took Essay¹	250,976	13%	974	495	478	30%	54%	32%	44%
Race / Ethnicity	Te	st Takers		Mean Sco	re		Met Ben	chmarks	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	14,792	1%	881	449	432	14%	35%	15%	63%
Asian	200,385	10%	1228	599	629	74%	85%	79%	11%
Black/African American	228,688	12%	907	467	440	18%	43%	19%	56%
Hispanic/Latino	483,640	25%	939	481	458	23%	49%	25%	49%
Native Hawaiian/Other Pacific Islander	3,498	0%	926	475	452	21%	47%	23%	52%
White	725,962	37%	1083	551	532	51%	76%	52%	22%
Two or More Races	70,800	4%	1090	556	534	50%	75%	51%	23%
No Response	246,126	12%	949	477	471	27%	44%	30%	54%
Gender	To	st Takers		Mean Sco	ro.		Met Ren	chmarks	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	990,760	50%	1018	522	496	37%	64%	38%	35%
Male	971,405	49%	1029	516	514	42%	60%	44%	37%
Another/ No Response	11,726	1%	1067	556	511	46%	71%	47%	28%
First Language Learned									
i iist Language Learned		st Takers	Tatal	Mean Sco		Dath		chmarks	Nam
English Only	Number	Percent	Total 1050	536	Math	Both	ERW 70%	Math 45%	None 29%
English Only English and Another Language	1,029,787 325,634	52% 16%	1064	534	514 530	44% 45%	70% 66%	48%	32%
Another Language	216,476	11%	1060	522	537	45%	62%	50%	34%
No Response	401,994	20%	905	461	444	20%	40%	21%	58%
Highest Level of Parental Education	Te	st Takers		Mean Sco	re		Met Ben	chmarks	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	115,871	6%	903	457	446	18%	39%	21%	59%
High School Diploma	375,167	19%	961	491	470	26%	54%	28%	44%
Associate Degree	83,708	4%	1001	512	488	33%	64%	35%	34%
Bachelor's Degree	479,404	24%	1108	560	548	55%	80%	57%	18%
Graduate Degree	401,330	20%	1186	597	589	68%	86%	70%	12%

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. College Board discontinued the optional SAT Essay after June 2021, but it remains available in states where it is required as part of the use of the SAT as an accountability assessment.



SAT Participation and Performance

Data reflect SAT test activity for students who graduated high school in 2024. If a student took the SAT more than once, the most recent score is summarized.

SAT Fee Waiver ²	Те	st Takers		Mean Sco	re		Met Ber	nchmarks	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Used at any point	138,765	16%	1022	522	499	37%	67%	39%	31%
Did not use	741,455	84%	1186	593	592	68%	88%	71%	10%

Test-Taking History ³	Te	st Takers		Mean Sco	re		Met Ben	chmarks	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
School Day	1,346,008	68%	958	489	469	28%	52%	29%	47%
School Day Only	1,093,671	55%	915	468	446	20%	44%	21%	54%
School Day and Weekend	252,337	13%	1146	581	565	62%	85%	64%	14%
Weekend Only	627,883	32%	1165	583	583	64%	84%	67%	13%

School Location ⁴	Те	st Takers		Mean Sco	re		Met Ben	chmarks	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
City	571,910	29%	982	501	481	32%	54%	34%	45%
Suburb	785,168	40%	1027	523	505	40%	64%	42%	35%
Town/Rural	393,225	20%	991	506	485	33%	59%	35%	39%
Unknown	223,588	11%	1177	576	601	65%	80%	71%	14%

Median Family Income⁵	Tes	st Takers	I	Mean Scor	е		Met Ben	chmarks	
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Lowest Quintile (\$0 - \$55,667)	200,048	10%	887	455	431	15%	38%	16%	61%
2nd Lowest Quintile (\$55,668 - \$71,991)	220,469	11%	939	482	457	23%	50%	24%	49%
Middle Quintile (\$71,992 - \$89,465)	251,737	13%	981	502	479	31%	58%	32%	40%
2nd Highest Quintile (\$89,466 - \$117,609)	331,570	17%	1038	530	509	41%	68%	43%	30%
Highest Quintile (>=\$117,610)	497,142	25%	1152	582	570	63%	84%	64%	15%
Unknown	472,925	24%	999	499	500	35%	53%	39%	44%

² Reflects students who used a fee waiver for an SAT or Subject Test registration for a Weekend administration compared to weekend test takers who did not. Students who take the SAT on a School Day are generally eligible to receive fee waivers or reductions through their schools; for more, visit www.sat.org/register.

³ All students who took the SAT on a School Day as part of a State, District or School testing initiative at any point are classified under the 'School Day' breakout, including students who took a test on a weekend in addition to their School Day test. Students who tested exclusively on a nationally offered SAT administration date are classified as 'Weekend Only'.

⁴ Schools are categorized according to the National Center for Education Statistics' locale classification definitions.

 $^{^{\}mbox{\scriptsize 5}}$ "Median family income" refers to the median family income of students' home census tracts.



SAT Participation and Performance: Score Distributions

Data reflect SAT test activity for students who graduated high school in 2024. If a student took the SAT more than once, the most recent score is summarized. Cross-test scores, test scores, and subscores metrics only summarize students whose most recent SAT was the paper and pencil version; these scores are not calculated for the digital SAT.

Total and Section Scores

	Total Score	•		ERW	Math
1400–1600	142,239	7%	700–800	149,505 8%	175,440 9%
1200–1390	329,072	17%	600–690	380,723	285,564 14%
1000–1190	547,126	28%	500-590	567,587	535,151 27%
800–990	601,348	30%	400–490	576,436 29%	545,889 28%
600–790	338,320	17%	300–390	279,797	399,913 20%
400–590	15,786		200–290	19,843	31,934
Mean	1024		Mean	519	505
SD	229		SD	114	125

Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	141,985	129,332
30–34	313,847	372,889
25–29	540,868	480,332
20–24	501,445	513,954
15–19	229,072	232,741
10–14	24,762	22,731
Mean	26	27
SD	6	8

Test Scores

	Reading	Writing and Language	Math
35–40	136,226	148,468	125,632
30–34.5	346,378	330,543	238,335
25–29.5	543,085	470,228	485,106
20–24.5	500,760	503,881	501,190
15–19.5	209,643	268,652	375,360
10–14.5	15,887	30,207	26,356
Mean	26	26	25
SD	6	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	238,283	182,699	241,009	158,611	163,198	210,237	175,632
10–12	513,379	420,926	453,886	342,282	324,230	427,117	307,776
7–9	545,657	736,838	627,749	567,972	681,769	438,059	651,349
4–6	246,020	380,453	382,439	535,432	490,831	327,302	520,718
1–3	208,640	31,063	46,896	147,682	91,951	349,264	96,504
Mean	9	9	9	8	8	8	8
SD	4	3	3	3	3	4	3

Essay¹

	8	7	6	5	4	3	2	Mean	SD
Reading	565	4,513	37,210	50,255	100,427	30,140	27,866	4	1
Analysis	100	1,110	8,431	21,326	50,526	50,183	119,300	3	1
Writing	1,554	7,248	68,722	49,844	79,578	22,803	21,227	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 SAT test activity for students who graduated high school in 2024. If a student took the SAT more than once, the most recent score is summarized. Cross-test scores, test scores, and subscores metrics only summarize students whose most recent SAT was the paper and pencil version; these scores are not calculated for the digital SAT.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	More Races
est Takers	1,973,891	990,760	971,405	14,792	200,385	228,688	483,640	3,498	725,962	70,800
otal Score										
1400–1600	7%	6%	9%	1%	27%	1%	2%	2%	7%	10%
1200–1390	17%	16%	17%	4%	31%	7%	9%	7%	23%	23%
1000–1190	28%	29%	26%	19%	25%	21%	25%	24%	36%	32%
300–990	30%	33%	28%	42%	13%	41%	39%	40%	26%	26%
600–790	17%	16%	18%	33%	3%	29%	24%	26%	8%	9%
100–590	1%	1%	1%	1%	0%	2%	1%	1%	0%	0%
Section Scores	- ERW									
700–800	8%	7%	8%	1%	23%	2%	3%	2%	9%	12%
600–690	19%	19%	19%	6%	32%	9%	12%	11%	26%	26%
500–590	29%	30%	27%	21%	26%	25%	27%	26%	35%	32%
100–490	29%	30%	29%	42%	15%	40%	37%	40%	23%	23%
300–390	14%	12%	16%	28%	4%	23%	20%	20%	7%	7%
200–290	1%	1%	1%	2%	0%	2%	1%	1%	0%	0%
,		13% 28%	16% 26%	4% 19%	26% 23%	6% 20%	8% 24%	7% 23%	20% 36%	
600–690 (30–34.5)	14%	13%	16%	4%	26%	6%	8%	7%	20%	19%
500–590 (25–29.5)		28%	26%			20%	24%	23%	36%	32%
100–490 (20–24.5)		30%	25%	37%	11%	36%	35%	34%	25%	25%
300–390 (15–19.5)		21%	20%	36%	4%	34%	28%	31%	11%	13%
200–290 (10–14.5)	2%	1%	2%	3%	0%	3%	2%	3%	1%	1%
est Scores - Ro	ading									
35–40	8%	7%	8%	1%	23%	2%	3%	2%	10%	13%
	8% 20%	7% 20%	8% 20%	1% 7%	23% 31%	2% 10%	3% 13%	2% 13%	10% 27%	
30–34										28%
30–34 25–29	20%	20%	20%	7%	31%	10%	13%	13%	27%	28% 32%
30–34 25–29 20–24	20% 31%	20% 33%	20% 29%	7% 25%	31% 27%	10% 28%	13% 31%	13% 29%	27% 35%	28% 32% 21%
30–34 25–29 20–24 15–19	20% 31% 29%	20% 33% 29%	20% 29% 28%	7% 25% 42%	31% 27% 14%	10% 28% 40%	13% 31% 36%	13% 29% 38%	27% 35% 21%	28% 32% 21% 6%
30–34 25–29 20–24 15–19 10–14	20% 31% 29% 12% 1%	20% 33% 29% 10% 1%	20% 29% 28% 14% 1%	7% 25% 42% 24%	31% 27% 14% 4%	10% 28% 40% 19%	13% 31% 36% 16%	13% 29% 38% 18%	27% 35% 21% 6%	28% 32% 21% 6%
30–34 25–29 20–24 15–19 10–14 Test Scores - W	20% 31% 29% 12% 1%	20% 33% 29% 10% 1%	20% 29% 28% 14% 1%	7% 25% 42% 24%	31% 27% 14% 4%	10% 28% 40% 19%	13% 31% 36% 16%	13% 29% 38% 18%	27% 35% 21% 6%	28% 32% 21% 6% 0%
30–34 25–29 20–24 15–19 10–14 Test Scores - W	20% 31% 29% 12% 1% riting and	20% 33% 29% 10% 1% Language	20% 29% 28% 14% 1%	7% 25% 42% 24% 2%	31% 27% 14% 4% 0%	10% 28% 40% 19% 2%	13% 31% 36% 16% 1%	13% 29% 38% 18% 2%	27% 35% 21% 6% 0%	28% 32% 21% 6% 0%
30–34 25–29 20–24 15–19 10–14 Test Scores - W 35–40 30–34	20% 31% 29% 12% 1% riting and	20% 33% 29% 10% 1% Language	20% 29% 28% 14% 1%	7% 25% 42% 24% 2%	31% 27% 14% 4% 0%	10% 28% 40% 19% 2%	13% 31% 36% 16% 1%	13% 29% 38% 18% 2%	27% 35% 21% 6% 0%	28% 32% 21% 6% 0% 14% 26%
30–34 25–29 20–24 15–19 10–14 Test Scores - W 35–40 30–34 25–29	20% 31% 29% 12% 1% riting and 8% 19%	20% 33% 29% 10% 1% Language 8% 20%	20% 29% 28% 14% 1%	7% 25% 42% 24% 2%	31% 27% 14% 4% 0% 29% 30%	10% 28% 40% 19% 2%	13% 31% 36% 16% 1%	13% 29% 38% 18% 2%	27% 35% 21% 6% 0% 11% 26%	28% 32% 21% 6% 0% 14% 26% 29%
35–40 30–34 25–29 20–24 15–19 10–14 Fest Scores - W 35–40 30–34 25–29 20–24 15–19	20% 31% 29% 12% 1% riting and 8% 19% 27%	20% 33% 29% 10% 1% Language 8% 20% 28%	20% 29% 28% 14% 1% 8% 18% 25%	7% 25% 42% 24% 2% 1% 6% 20%	31% 27% 14% 4% 0% 29% 30% 23%	10% 28% 40% 19% 2% 2% 9% 23%	13% 31% 36% 16% 1% 3% 12% 26%	13% 29% 38% 18% 2% 3% 12% 25%	27% 35% 21% 6% 0% 11% 26% 32%	13% 28% 32% 21% 6% 0% 14% 26% 22% 8%

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 SAT test activity for students who graduated high school in 2024. If a student took the SAT more than once, the most recent score is summarized. Students can select up to five majors of interest; a student selecting multiple majors is counted in each corresponding category below.

				Mean Score	
Intended College Major	Test Takers	Percent	Total	ERW	Math
Agriculture, Agriculture Operations, and Related Sciences	38,498	2%	976	499	476
Architecture and Related Services	45,769	2%	1071	540	530
Area, Ethnic, Cultural, and Gender Studies	7,879	0%	1050	546	504
Biological and Biomedical Sciences	183,538	9%	1145	581	563
Business, Management, Marketing, and Related Support Services	257,089	13%	1065	538	527
Communication, Journalism, and Related Programs	42,783	2%	1073	557	515
Computer and Information Sciences and Support Services	124,726	6%	1190	590	600
Construction Trades, General	7,265	0%	932	473	460
Education	65,645	3%	1029	529	500
Engineering	188,805	10%	1177	583	594
Engineering Technologies/Technicians	41,255	2%	1128	558	571
English Language and Literature/Letters	23,303	1%	1148	604	544
Family and Consumer Sciences/Human Sciences	8,266	0%	1000	514	486
Foreign Languages and Literatures, General	17,199	1%	1136	588	548
Health Professions and Related Clinical Sciences	228,116	12%	1045	534	511
History, General	20,930	1%	1138	592	546
Legal Studies, General	48,625	2%	1132	584	549
Liberal Arts and Sciences, General Studies and Humanities	14,213	1%	1171	606	565
Library Science/Librarianship	1,263	0%	1162	617	545
Mathematics and Statistics	33,466	2%	1280	625	656
Mechanic and Repair Technologies/Technicians	13,589	1%	955	484	471
Military Technologies	9,107	0%	1053	535	517
Multi/Interdisciplinary Studies	14,974	1%	1182	596	587
Natural Resources and Conservation	17,683	1%	1149	593	556
Parks, Recreation and Leisure Studies	13,950	1%	1000	509	491
Personal and Culinary Services, General	14,559	1%	947	490	458
Philosophy and Religious Studies	9,840	0%	1178	608	570
Physical Sciences	43,916	2%	1211	608	603
Psychology, General	113,701	6%	1087	562	525
Public Administration and Social Service Professions	11,331	1%	1056	547	509
Security and Protective Services	57,211	3%	1000	515	484
Social Sciences	55,355	3%	1157	595	562
Theology and Religious Vocations	3,126	0%	1114	576	537
Visual and Performing Arts, General	120,123	6%	1061	550	512
Other	36,212	2%	989	506	484
Undecided	203,037	10%	998	508	490

Degree-Level Goal

Certificate Program	20,421	2%	897	456	441
Associate Degree	25,936	2%	860	441	419
Bachelor's Degree	293,155	27%	1052	535	517
Master's Degree	322,383	29%	1138	573	565
Doctoral or Related Degree	222,344	20%	1172	591	580
Other	13,739	1%	885	443	442
Undecided	196,611	18%	1051	533	519



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

Total	Test Taker	s	Mean Score		
1000	Number	Total	ERW	Math	
Total	3,652,232	930	470	460	
PSAT/NMSQT	3,246,478	933	470	462	
PSAT 10	489,522	902	462	440	

Gender	Te	st Takers	Mean Score				
	Number	Percent	Total	ERW	Math		
Female	1,836,620	50%	933	475	458		
Male	1,802,223	49%	926	465	462		
Another/ No Response	13,389	0%	1080	560	520		

Grade Level	Te	Test Takers			Mean Score			Met Benchmarks¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None	
10th Grade	1,925,016	53%	901	456	445	33%	58%	35%	40%	
11th Grade	1,510,525	41%	976	493	483	36%	61%	38%	37%	
Other/No Response	216,691	6%	871	438	433					

Race/Ethnicity	Te	st Takers	Mean Score			
Total	Number	Percent	Total	ERW	Math	
American Indian/Alaska Native	15,913	0%	828	415	413	
Asian	281,431	8%	1108	548	560	
Black/African American	447,092	12%	821	413	407	
Hispanic/Latino	1,022,017	28%	852	428	424	
Native Hawaiian/Other Pacific Islander	6,125	0%	843	423	421	
White	1,386,525	38%	994	507	487	
Two or More Races	162,405	4%	972	495	477	
No Response	330,724	9%	888	446	442	

	Test Takers		Mean Score			Met Benchmarks ¹			
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	9,182	0%	799	401	398	15%	36%	16%	62%
Asian	135,902	7%	1074	533	541	68%	82%	72%	14%
Black/African American	245,409	13%	803	404	398	14%	38%	15%	61%
Hispanic/Latino	542,396	28%	830	417	413	19%	44%	21%	54%
Native Hawaiian/Other Pacific Islander	3,188	0%	817	410	407	17%	41%	19%	57%
White	693,277	36%	964	493	472	44%	73%	46%	25%
Two or More Races	84,262	4%	939	479	460	38%	67%	40%	32%
No Response	211,400	11%	868	436	432	28%	51%	31%	46%

	Tes	t Takers		Mean Scor	re		Met Be	nchmarks	ı
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	6,096	0%	878	440	438	20%	43%	22%	55%
Asian	132,239	9%	1149	567	582	69%	82%	72%	14%
Black/African American	171,295	11%	853	430	422	14%	38%	15%	61%
Hispanic/Latino	414,701	27%	885	445	440	19%	44%	21%	55%
Native Hawaiian/Other Pacific Islander	2,642	0%	881	441	440	20%	43%	21%	56%
White	626,218	41%	1033	526	507	46%	74%	48%	25%
Two or More Races	68,886	5%	1021	520	501	43%	70%	44%	29%
No Response	88,448	6%	952	479	474	33%	55%	35%	43%

¹ Based on grade-level benchmarks.



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

First Language Learned	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	973,212	51%	898	456	441	31%	59%	32%	39%
English and Another Language	303,275	16%	868	435	433	25%	48%	28%	49%
Another Language	149,437	8%	840	413	427	23%	41%	26%	55%
No Response	499,092	26%	946	480	466	44%	67%	46%	31%
·	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	891.357	59%	987	501	486	37%	64%	39%	35%
English and Another Language	258,902	17%	951	476	475	32%	53%	33%	46%
Another Language	131,896	9%	920	454	467	28%	46%	32%	50%
No Response	228,370	15%	991	502	489	40%	65%	42%	33%
Highest Level of Parental Educ	ation Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	117,245	6%	780	389	392	12%	32%	14%	66%
High School Diploma	311,741	16%	862	436	426	23%	52%	25%	46%
Associate Degree	58,593	3%	902	458	444	30%	62%	32%	36%
Bachelor's Degree	345,162	18%	983	500	483	49%	76%	51%	22%
Graduate Degree	272,490	14%	1024	521	504	58%	79%	59%	20%
No Response	819,785	43%	858	433	425	25%	50%	27%	48%
	Те	st Takers		Mean Sco	re	Met Benchmarl			1
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	99,536	7%	821	407	413	11%	29%	13%	69%
High School Diploma	290,564	19%	903	456	448	21%	48%	23%	50%
Associate Degree	60,959	4%	949	481	468	28%	58%	30%	40%
Bachelor's Degree	375,678	25%	1034	525	509	46%	74%	48%	24%
Graduate Degree	311,927	21%	1103	559	544	60%	81%	62%	17%
No Response	371,861	25%	913	459	453	25%	49%	27%	49%
High School Grade Point Avera	age Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
10th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	143,873	7%	1074	546	527	70%	84%	71%	15%
A (93–96)	288,942	15%	1018	517	501	58%	81%	60%	17%
A- (90–92)	209,607	11%	947	479	468	41%	71%	44%	26%
B (80–89)	402,248	21%	839	422	417	16%	46%	18%	52%
C (70–79)	121,104	6%	747	376	371	4%	25%	5%	74%
D, E, or F (below 70)	18,959	1%	691	351	340	2%	17%	3%	83%
No Response	740,204	38%	873	442	431	28%	53%	30%	45%
	Те	st Takers		Mean Sco	re		Met Be	enchmarks	1
11th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	163,539	11%	1163	589	573	74%	88%	75%	10%
A (93–96)	310,819	21%	1091	553	538	59%	82%	61%	16%
A- (90–92)	237,196	16%	1014	513	500	42%	72%	44%	26%
B (80-89)	388,559	26%	895	450	444	17%	46%	19%	52%
C (70-79)	101,380	7%	781	391	390	4%	21%	4%	78%
D, E, or F (below 70)	11,754	1%	716	359	357	2%	13%	2%	87%
No Response	297,221	20%	906	458	448	24%	49%	25%	49%

¹ Based on grade-level benchmarks.



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

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	1,510,525	767,267	735,429	6,096	132,239	171,295	414,701	2,642	626,218	68,886
Total Score										
1400–1520	3%	2%	4%	0%	16%	0%	1%	1%	3%	4%
1200-1390	13%	11%	14%	5%	27%	3%	5%	4%	17%	16%
1000–1190	29%	31%	28%	22%	31%	17%	21%	21%	38%	33%
800–990	34%	37%	32%	39%	20%	39%	40%	40%	33%	32%
600–790	17%	16%	18%	27%	5%	33%	28%	28%	8%	12%
320–590	3%	2%	4%	6%	1%	6%	5%	5%	1%	2%
700–760 600–690	4% 17%	4% 17%	5% 18%	1% 8%	13% 32%	1% 7%	1% 9%	1% 8%	5% 23%	6% 22%
600–690	17%	17%	18%	8%	32%	7%	9%	8%	23%	22%
500–590	28%	29%	26%	22%	29%	19%	22%	22%	34%	31%
400–490	28%	30%	27%	33%	17%	33%	33%	33%	27%	26%
300–390	20%	18%	21%	30%	8%	35%	30%	31%	11%	14%
160–290	3%	2%	4%	6%	1%	6%	5%	5%	1%	2%
Section Scores	- Math									
700–760 (35–38)	5%	3%	6%	1%	22%	1%	1%	1%	4%	6%
600-690 (30-34.5)	9%	7%	10%	4%	21%	2%	4%	4%	11%	11%
500-590 (25-29.5)	28%	28%	28%	21%	32%	15%	20%	19%	37%	31%
400–490 (20–24.5)	40%	44%	36%	44%	20%	46%	47%	46%	39%	39%
300–390 (15–19.5)	16%	15%	16%	25%	4%	31%	25%	26%	8%	11%
160–290 (8–14.5)	3%	2%	3%	5%	0%	5%	4%	4%	1%	2%



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

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	1,925,016	960,980	958,850	9,182	135,902	245,409	542,396	3,188	693,277	84,262
Total Score										
1400–1520	1%	1%	1%	0%	7%	0%	0%	0%	1%	1%
1200-1390	7%	6%	8%	2%	22%	1%	2%	3%	9%	9%
1000–1190	23%	24%	22%	11%	35%	11%	14%	13%	32%	26%
800–990	39%	41%	36%	36%	27%	37%	40%	38%	41%	41%
600–790	25%	24%	26%	41%	8%	41%	36%	36%	14%	20%
320-590	5%	4%	7%	10%	1%	9%	8%	10%	2%	3%
700–760 600–690	2% 10%	2% 10%	2% 10%	0% 3%	6% 25%	0% 3%	0% 5%	1% 4%	2% 15%	3% 13%
500–590	24%	25%	22%	13%	33%	14%	17%	15%	31%	27%
400–490	33%	34%	31%	32%	23%	33%	34%	33%	34%	34%
300–390	27%	25%	28%	42%	11%	41%	37%	38%	16%	21%
160–290	5%	4%	6%	9%	1%	8%	8%	9%	2%	3%
Section Scores	- Math									
700–760 (35–38)	2%	1%	2%	0%	10%	0%	0%	1%	1%	2%
600-690 (30-34.5)	5%	4%	6%	1%	19%	1%	2%	2%	7%	6%
500-590 (25-29.5)	21%	20%	21%	10%	35%	9%	13%	11%	29%	24%
400–490 (20–24.5)	43%	46%	39%	39%	28%	41%	44%	43%	46%	45%
300–390 (15–19.5)	25%	25%	25%	41%	7%	41%	35%	35%	15%	20%
160–290 (8–14.5)	4%	3%	6%	8%	1%	8%	6%	8%	2%	3%



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 2023-24 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized. Students can select up to five majors of interest; a student selecting multiple majors is counted in each corresponding category below.

	10th C	Grade	11th Grade			
Intended College Major	Test Takers	Percent	Test Takers	Percent		
Agriculture, Agriculture Operations, and Related Sciences	99,070	5%	68,008	5%		
Architecture and Related Services	74,309	4%	59,032	4%		
Area, Ethnic, Cultural, and Gender Studies	8,551	0%	7,185	0%		
Biological and Biomedical Sciences	164,246	9%	174,542	12%		
Business, Management, Marketing, and Related Support Services	289,615	15%	279,163	18%		
Communication, Journalism, and Related Programs	36,686	2%	40,222	3%		
Computer and Information Sciences and Support Services	97,557	5%	100,378	7%		
Construction Trades, General	20,201	1%	16,315	1%		
Education	136,785	7%	105,429	7%		
Engineering	250,747	13%	223,926	15%		
Engineering Technologies/Technicians	76,249	4%	60,573	4%		
English Language and Literature/Letters	39,196	2%	31,522	2%		
Family and Consumer Sciences/Human Sciences	21,584	1%	15,464	1%		
Foreign Languages and Literatures, General	39,282	2%	27,436	2%		
Health Professions and Related Clinical Sciences	294,527	15%	265,006	18%		
History, General	47,017	2%	34,570	2%		
Legal Studies, General	32,853	2%	39,622	3%		
Liberal Arts and Sciences, General Studies and Humanities	5,527	0%	8,761	1%		
Library Science/Librarianship	1,116	0%	1,188	0%		
Mathematics and Statistics	35,855	2%	33,223	2%		
Mechanic and Repair Technologies/Technicians	47,319	2%	35,592	2%		
Military Technologies	10,854	1%	8,757	1%		
Multi/Interdisciplinary Studies	66,864	3%	52,094	3%		
Natural Resources and Conservation	30,669	2%	26,043	2%		
Parks, Recreation and Leisure Studies	63,064	3%	43,426	3%		
Personal and Culinary Services, General	72,636	4%	46,897	3%		
Philosophy and Religious Studies	10,417	1%	10,072	1%		
Physical Sciences	96,122	5%	73,422	5%		
Psychology, General	95,331	5%	105,420	7%		
Public Administration and Social Service Professions	15,845	1%	14,620	1%		
Security and Protective Services	121,668	6%	97,145	6%		
Social Sciences	106,541	6%	91,254	6%		
Theology and Religious Vocations	5,115	0%	4,233	0%		
Visual and Performing Arts, General	261,652	14%	191,047	13%		
Other	20,238	1%	20,749	1%		
Undecided	54,409	3%	107,795	7%		



PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2023-24 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	1,378,564	819	412	407	
Fall	921,687	796	396	400	
Spring	548,162	852	435	417	

Gender	Tes		Mean Score		
	Number	Percent	Total	ERW	Math
Female	676,648	49%	824	418	407
Male	700,178	51%	814	406	408
Another/ No Response	1,738	0%	895	460	435

Grade Level	e Level Test Takers Mean Score			Mean Score			Met Be	nchmarks¹	ı
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	545,147	40%	787	393	393	27%	50%	30%	47%
9th Grade	818,068	59%	841	424	417	31%	54%	33%	44%
Other / No Response	15,349	1%	790	399	391				

Race/Ethnicity

	res	st rakers	wean Score			
Total	Number	Percent	Total	ERW	Math	
American Indian/Alaska Native	5,862	0%	742	371	371	
Asian	61,358	4%	973	482	491	
Black/African American	173,202	13%	735	368	367	
Hispanic/Latino	356,494	26%	756	376	381	
Native Hawaiian/Other Pacific Islander	1,912	0%	741	367	373	
White	413,069	30%	888	452	436	
Two or More Races	46,191	3%	859	435	424	
No Response	320,476	23%	812	408	405	

	Tes	st Takers		Mean Sco	re		Met Be	nchmarks	1
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	2,381	0%	720	359	361	14%	36%	16%	62%
Asian	23,801	4%	937	464	473	60%	75%	65%	19%
Black/African American	74,292	14%	718	358	360	12%	33%	15%	64%
Hispanic/Latino	146,754	27%	732	361	370	16%	35%	19%	61%
Native Hawaiian/Other Pacific Islander	818	0%	710	348	363	13%	28%	15%	69%
White	142,134	26%	855	434	421	41%	70%	43%	27%
Two or More Races	17,295	3%	824	415	409	34%	59%	37%	37%
No Response	137,672	25%	783	390	393	28%	48%	32%	48%

	Tes	t Takers		Mean Scor	re		Met Be	nchmarks	I
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	3,391	0%	757	379	378	15%	37%	17%	61%
Asian	36,964	5%	997	493	504	63%	77%	68%	18%
Black/African American	97,656	12%	749	376	373	13%	33%	15%	65%
Hispanic/Latino	207,008	25%	774	386	388	17%	38%	20%	59%
Native Hawaiian/Other Pacific Islander	1,076	0%	764	382	382	14%	35%	17%	62%
White	267,028	33%	906	462	444	43%	70%	45%	28%
Two or More Races	28,443	3%	880	447	433	36%	63%	39%	35%
No Response	176,502	22%	837	422	415	31%	54%	33%	44%



PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2023-24 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

First Language Learned	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	213,116	39%	800	402	399	30%	54%	33%	43%
English and Another Language	87,603	16%	764	377	387	22%	41%	26%	55%
Another Language	36,224	7%	749	365	384	21%	36%	25%	59%
No Response	208,204	38%	789	396	392	28%	52%	31%	45%
	Te	st Takers		Mean Sco	re	Met Benchmark			1
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	335,411	41%	845	427	418	30%	56%	33%	42%
English and Another Language	109,409	13%	801	398	403	22%	42%	25%	55%
Another Language	48,940	6%	779	381	399	20%	36%	25%	59%
No Response	324,308	40%	860	436	424	35%	59%	38%	39%
High School Grade Point Average	Te	st Takers		Mean Sco	re		Met Be	enchmarks	1
8th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	26,898	5%	869	437	433	48%	63%	51%	34%
A (93–96)	44,807	8%	870	437	433	47%	69%	52%	27%
A- (90–92)	29,652	5%	817	407	409	33%	59%	38%	36%
B (80-89)	65,558	12%	733	362	371	13%	36%	16%	61%
C (70-79)	18,501	3%	659	325	334	3%	18%	4%	81%
D, E, or F (below 70)	3,261	1%	619	306	313	3%	14%	3%	86%
No Response	356,469	65%	785	393	392	27%	50%	30%	47%
	To	st Takers		Mean Sco	"		Mot Re	enchmarks	1
Oth Curada						5.4			
9th Grade	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	38,930	5%	963	488	475	58%	72%	60%	26%
A (93–96)	78,358	10%	942	477	465	53%	75%	56%	22%
A- (90–92)	54,695	7%	878	441	436	37%	64%	41%	31%
B (80–89)	111,195	14%	782	390	392	15%	40%	18%	57%
C (70–79)	33,767	4%	702	349	353	4%	21%	5%	78%
D, E, or F (below 70)	6,657	1%	657	331	326	3%	16%	3%	83%
No Response	494,458	60%	837	423	414	30%	54%	32%	44%

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 2023-24 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.

nice. Jean, and mee	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	818,068	400,708	416,561	3,391	36,964	97,656	207,008	1,076	267,028	28,443
Total Score										
1400–1440	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%
1200-1390	4%	4%	4%	1%	15%	1%	1%	1%	5%	5%
1000–1190	16%	16%	16%	7%	31%	6%	8%	6%	23%	19%
800–990	37%	40%	35%	31%	34%	28%	33%	33%	45%	42%
600–790	35%	35%	35%	48%	15%	52%	47%	47%	23%	29%
240–590	8%	6%	9%	13%	2%	13%	11%	13%	3%	4%
700–720 600–690 500–590 400–490	1% 6% 17% 34%	1% 6% 18% 35%	1% 6% 17% 32%	0% 2% 10% 29%	4% 16% 29% 30%	0% 2% 8% 27%	0% 2% 10% 29%	0% 2% 9% 29%	2% 9% 24% 40%	2% 8% 21% 36%
300–390 120–290	34% 8%	33% 6%	34% 10%	45% 14%	18% 3%	49% 14%	45% 13%	46% 13%	23% 3%	28% 5%
Section Scores	-							,	- 77	- 7,0
700–720 (35–36)	1%	0%	1%	0%	6%	0%	0%	0%	1%	1%
600-690 (30-34.5)	3%	2%	4%	1%	14%	1%	1%	1%	4%	4%
500-590 (25-29.5)	15%	14%	16%	7%	32%	6%	8%	5%	21%	17%
400–490 (20–24.5)	39%	42%	37%	32%	34%	30%	36%	37%	47%	45%
300–390 (15–19.5)	37%	37%	36%	51%	13%	54%	49%	48%	25%	30%
120–290 (6–14.5)	5%	4%	6%	9%	1%	10%	7%	9%	2%	3%



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

Data reflect students who took the PSAT 8/9 during the 2023-24 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	545,147	268,145	276,069	2,381	23,801	74,292	146,754	818	142,134	17,295
Total Score										
1400–1440	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1200-1390	2%	2%	2%	0%	9%	0%	0%	0%	2%	2%
1000–1190	10%	10%	10%	3%	26%	3%	4%	3%	15%	12%
800–990	33%	34%	32%	25%	39%	22%	26%	21%	46%	39%
600–790	45%	46%	44%	55%	22%	59%	56%	62%	32%	40%
240–590	10%	8%	12%	17%	2%	15%	14%	15%	4%	6%
700–720 600–690 500–590	0% 3% 12%	0% 3% 12%	0% 3% 11%	0% 1% 6%	2% 11% 25%	0% 1% 5%	0% 1% 6%	0% 0% 3%	1% 5% 18%	1% 4% 15%
500–590	12%	12%	11%	6%	25%	5%	6%	3%	18%	15%
400–490	30%	31%	28%	24%	34%	22%	23%	21%	41%	34%
300–390	43%	43%	43%	51%	25%	56%	53%	57%	31%	39%
120–290	12%	10%	14%	18%	3%	16%	16%	18%	4%	7%
Section Scores	- Math									
700–720 (35–36)	0%	0%	0%	0%	3%	0%	0%	0%	0%	0%
600–690 (30–34.5)		1%	2%	0%	9%	0%	0%	0%	2%	2%
500–590 (25–29.5)		8%	10%	3%	27%	3%	4%	3%	14%	11%
400–490 (20–24.5)	36%	37%	35%	27%	40%	25%	30%	27%	47%	42%
300–390 (15–19.5)	46%	48%	45%	58%	20%	62%	57%	61%	34%	40%
120-290 (6-14.5)	7%	6%	8%	12%	1%	11%	9%	9%	3%	4%



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 test activity for students who graduated high school in 2024. PSAT/NMSQT and PSAT 10 data reflect 10th or 11th grade students who took the PSAT/NMSQT and/or PSAT 10 during the 2023-24 school year. PSAT 8/9 data reflect 8th or 9th grade students who took the PSAT 8/9 during the 2023-24 school year. If a student took the respective assessment more than once, the most recent score is summarized. Cross-test scores, test scores, and subscores metrics only summarize students whose most recent SAT was the paper and pencil version; these scores are not calculated for the digital SAT.

SAT		Sec	ction					
Percentile	Total	ERW	Math	Reading	Writing and Language Math		Social Studies	Analysis in Science
75th	1190	600	590	32	32	31.5	32	32
50th	1010	510	500	27	26	25.5	27	27
25th	840	430	400	22	22	20.5	22	22

F	PSAT/NMSQT and PSAT	Section			
	Percentile	Total	ERW	Math	
	75th	1120	580	540	
	50th	970	490	470	
	25th	830	400	410	

PSAT/NMSQT and PSAT	Section			
Percentile	Total	ERW	Math	
75th	1030	530	500	
50th	890	450	440	
25th	770	380	390	

PSAT 8/9 - Grade 9		Section	
Percentile	Total	ERW	Math
75th	960	490	470
50th	830	410	410
25th	720	360	360

	Section	
Total	ERW	Math
890	450	440
780	380	390
680	330	350
	890 780	Total ERW 890 450 780 380