

2023

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# SAT Suite of Assessments Annual Report

SAT<sup>®</sup>

PSAT/NMSQT<sup>®</sup>

PSAT<sup>®</sup> 10

PSAT<sup>®</sup> 8/9

## Colorado

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**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 **by the end of September**. 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](mailto:communications@collegeboard.org).

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## About This Report

This report presents data on students in the class of 2023 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 2022-23 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 2023, 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 2023.

## 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.

\*Colorado, Connecticut, Delaware, Illinois, Indiana, Michigan, New Hampshire, New Mexico, Rhode Island, and West Virginia.

## 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](http://www.collegeboard.org).

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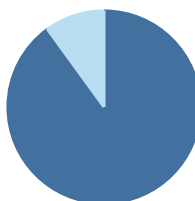
## SAT Suite Participation Summary

The SAT Suite of Assessments — the SAT (grades 12 and 11), PSAT/NMSQT and PSAT 10 (grades 11 and 10), and PSAT 8/9 (grades 9 and 8) — measures a student’s college and career readiness. Together, these assessments provide a comprehensive solution that systematically and progressively measures the knowledge, skills, and understandings essential for success in college and career.

**193,041** test takers completed the SAT or a PSAT-related assessment (PSAT/NMSQT, PSAT 10, or PSAT 8/9) in the 2022-23 school year.

### Class of 2023

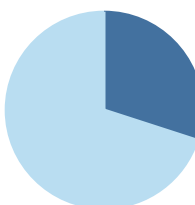
SAT Takers <sup>1</sup>	57,293
High School Graduates <sup>2</sup>	63,460
SAT Participation Rate	90%



90% of graduates in the class of 2023 took the SAT during high school

### Class of 2024

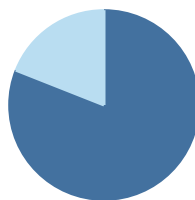
PSAT/NMSQT Takers <sup>3</sup>	21,581
11th-Grade Enrollment <sup>2</sup>	72,356
Participation Rate	30%



30% of 11th graders took the PSAT/NMSQT last fall

### Class of 2025

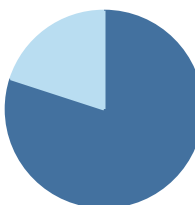
PSAT/NMSQT or PSAT 10 Taker..	60,410
10th-Grade Enrollment <sup>2</sup>	74,530
Participation Rate	81%



81% of 10th graders took the PSAT/NMSQT or PSAT 10 in 2022-23

### Class of 2026

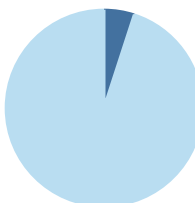
PSAT 8/9 Takers <sup>3</sup>	61,530
9th-Grade Enrollment <sup>2</sup>	76,531
Participation Rate	80%



80% of 9th graders took the PSAT 8/9 in 2022-23

### Class of 2027

PSAT 8/9 Takers <sup>3</sup>	3,583
8th-Grade Enrollment <sup>2</sup>	72,308
Participation Rate	5%



5% of 8th graders took the PSAT 8/9 in 2022-23

<sup>1</sup> Reflects 2023 high school graduates who took the current SAT during high school.

<sup>2</sup> Knocking at the College Door, WICHE, December 2020.

<sup>3</sup> PSAT-related assessment data reflect students who tested during the 2022-23 school year.

**SAT Participation and Performance**

Data reflect SAT test activity for students who graduated high school in 2023. 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	57,293		996	508	488	34%	59%	36%	39%
Took Essay <sup>1</sup>	1,201	2%	1183	604	578	68%	90%	69%	8%

Race / Ethnicity	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	510	1%	898	458	440	17%	38%	19%	60%
Asian	2,211	4%	1115	553	562	56%	73%	61%	22%
Black/African American	2,353	4%	894	458	436	16%	39%	17%	59%
Hispanic/Latino	19,202	34%	894	456	438	16%	37%	17%	61%
Native Hawaiian/Other Pacific Islander	138	0%	906	464	442	15%	41%	16%	59%
White	29,348	51%	1060	542	518	46%	73%	48%	25%
Two or More Races	2,499	4%	1052	538	514	44%	72%	45%	27%
No Response	1,032	2%	960	490	470	28%	52%	29%	47%

Gender	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	28,319	49%	994	513	481	32%	61%	33%	38%
Male	28,782	50%	996	503	493	36%	57%	39%	41%
Another/ No Response	192	0%	1144	600	544	58%	85%	60%	14%

First Language Learned	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	26,766	47%	1064	543	521	47%	73%	48%	25%
English and Another Language	4,685	8%	973	494	479	29%	51%	31%	46%
Another Language	3,151	5%	932	469	463	22%	41%	26%	56%
No Response	22,691	40%	928	475	453	22%	46%	24%	52%

Highest Level of Parental Education	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	2,341	4%	915	463	452	18%	41%	21%	55%
High School Diploma	6,786	12%	990	506	484	31%	62%	33%	35%
Associate Degree	1,458	3%	1027	525	503	39%	70%	41%	27%
Bachelor's Degree	11,446	20%	1122	571	551	60%	86%	62%	12%
Graduate Degree	8,906	16%	1180	600	581	70%	91%	72%	8%
No Response	26,356	46%	885	453	432	13%	36%	14%	62%

<sup>1</sup> Reflects the most recent essay of test takers who completed the SAT Essay at any point, not necessarily on the most recent test administration date. 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 2023. If a student took the SAT more than once, the most recent score is summarized.

SAT Fee Waiver <sup>2</sup>	Test Takers		Mean Score			Met Benchmarks			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Used at any point	854	9%	1056	537	519	41%	73%	43%	25%
Did not use	8,360	91%	1191	602	589	72%	92%	74%	7%

Test-Taking History <sup>3</sup>	Test Takers		Mean Score			Met Benchmarks			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
School Day	55,205	96%	990	505	485	33%	58%	35%	40%
School Day Only	48,079	84%	961	491	469	27%	53%	29%	45%
School Day and Weekend	7,126	12%	1185	598	587	71%	91%	73%	8%
Weekend Only	2,088	4%	1155	590	566	62%	87%	63%	12%

School Location <sup>4</sup>	Test Takers		Mean Score			Met Benchmarks			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
City	21,687	38%	977	498	479	31%	54%	33%	44%
Suburb	19,469	34%	1012	516	496	37%	62%	39%	36%
Town/Rural	14,939	26%	997	510	488	34%	61%	36%	37%
Unknown	1,198	2%	1039	537	502	42%	68%	43%	30%

Median Family Income <sup>5</sup>	Test Takers		Mean Score			Met Benchmarks			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Lowest Quintile (\$0-\$53,263)	2,860	5%	891	456	435	14%	37%	15%	62%
2nd Lowest Quintile (\$53,264-\$69,092)	5,168	9%	920	470	450	19%	44%	21%	54%
Middle Quintile (\$69,093-\$86,073)	7,698	13%	950	487	463	23%	52%	25%	46%
2nd Highest Quintile (\$86,074-\$113,340)	11,252	20%	1019	521	499	38%	66%	40%	33%
Highest Quintile (>=\$113,341)	18,310	32%	1100	559	541	54%	79%	56%	19%
Unknown	12,005	21%	901	461	440	18%	38%	20%	60%

<sup>2</sup> 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](http://www.sat.org/register).

<sup>3</sup> 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'.

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

<sup>5</sup> "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 2023. 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.

### Total and Section Scores

Total Score			ERW			Math		
1400–1600	1,981	3%	700–800	2,673	5%	2,330	4%	
1200–1390	8,051	14%	600–690	9,738	17%	6,709	12%	
1000–1190	16,952	30%	500–590	17,088	30%	16,870	29%	
800–990	20,023	35%	400–490	19,323	34%	17,563	31%	
600–790	10,074	18%	300–390	8,219	14%	13,330	23%	
400–590	212		200–290	252		491		
Mean	996		Mean	508		488		
SD	201		SD	104		108		

### Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	3,126	2,942
30–34	9,692	11,433
25–29	20,477	17,926
20–24	18,651	16,802
15–19	4,815	7,869
10–14	529	318
Mean	26	26
SD	5	5

### Test Scores

	Reading	Writing and Language	Math
35–40	3,159	3,254	2,330
30–34.5	10,669	9,801	6,708
25–29.5	19,515	15,725	16,869
20–24.5	17,793	17,363	17,562
15–19.5	5,909	10,354	13,330
10–14.5	245	793	491
Mean	26	25	24
SD	5	6	5

### Subscores

	Words in Context	Command of Evidence	Expression of Ideas	Standard English Conventions	Heart of Algebra	Problem Solving and Data Analysis	Passport to Advanced Mathematics
13–15	5,568	4,623	7,110	3,402	3,347	5,053	3,064
10–12	18,269	13,320	13,780	10,491	10,266	14,782	9,954
7–9	19,436	27,347	20,569	18,499	25,093	17,513	22,457
4–6	10,182	11,589	14,730	18,294	14,582	11,565	18,825
1–3	3,835	411	1,101	6,604	4,002	8,377	2,990
Mean	8	9	9	7	8	8	8
SD	3	3	3	3	3	3	3

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

	8	7	6	5	4	3	2	Mean	SD
Reading	20	76	436	331	267	47	24	5	1
Analysis	4	24	196	275	413	145	144	4	1
Writing	50	152	704	187	91	12	5	6	1

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

**SAT Participation and Performance: Score Distributions by Subgroup**

Data reflect SAT test activity for students who graduated high school in 2023. 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.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
<b>Test Takers</b>	57,293	28,319	28,782	510	2,211	2,353	19,202	138	29,348	2,499

**Total Score**

1400–1600	3%	3%	4%	0%	13%	1%	1%	1%	5%	6%
1200–1390	14%	14%	14%	5%	23%	5%	5%	7%	20%	18%
1000–1190	30%	30%	29%	20%	33%	21%	19%	21%	37%	33%
800–990	35%	37%	33%	45%	25%	41%	43%	41%	30%	31%
600–790	18%	16%	19%	29%	7%	32%	31%	30%	8%	11%
400–590	0%	0%	0%	0%	0%	1%	1%	0%	0%	0%

**Section Scores - ERW**

700–800	5%	5%	4%	0%	12%	1%	1%	4%	7%	9%
600–690	17%	18%	16%	7%	25%	8%	7%	5%	24%	20%
500–590	30%	31%	29%	23%	30%	23%	21%	22%	36%	35%
400–490	34%	34%	34%	46%	26%	42%	44%	45%	27%	28%
300–390	14%	13%	16%	23%	7%	25%	26%	24%	7%	8%
200–290	0%	0%	1%	1%	0%	1%	1%	0%	0%	0%

**Section (Test) Scores - Math<sup>1</sup>**

700–800 (35–40)	4%	3%	5%	0%	17%	1%	1%	1%	5%	6%
600–690 (30–34.5)	12%	10%	13%	4%	20%	4%	4%	6%	16%	16%
500–590 (25–29.5)	29%	30%	29%	21%	33%	21%	19%	20%	37%	33%
400–490 (20–24.5)	31%	33%	28%	37%	20%	34%	36%	37%	28%	27%
300–390 (15–19.5)	23%	23%	23%	36%	10%	39%	37%	35%	14%	17%
200–290 (10–14.5)	1%	1%	1%	1%	0%	2%	2%	2%	0%	1%

**Test Scores - Reading**

35–40	6%	5%	6%	1%	12%	1%	1%	4%	8%	10%
30–34	19%	19%	19%	8%	25%	9%	8%	7%	26%	23%
25–29	34%	35%	33%	30%	33%	27%	27%	31%	39%	36%
20–24	31%	31%	31%	45%	24%	43%	43%	38%	23%	24%
15–19	10%	9%	11%	16%	5%	19%	19%	20%	5%	6%
10–14	0%	0%	1%	1%	0%	1%	1%	1%	0%	0%

**Test Scores - Writing and Language**

35–40	6%	6%	5%	1%	13%	1%	1%	2%	8%	9%
30–34	17%	19%	16%	7%	26%	8%	7%	7%	24%	21%
25–29	27%	28%	26%	21%	28%	22%	20%	21%	32%	32%
20–24	30%	30%	31%	39%	23%	36%	38%	40%	25%	26%
15–19	18%	16%	20%	29%	9%	29%	30%	29%	10%	12%
10–14	1%	1%	2%	3%	0%	3%	3%	1%	1%	0%

<sup>1</sup> 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 2023. 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	506	2%	984	505	479
Architecture and Related Services	522	2%	1059	538	522
Area, Ethnic, Cultural, and Gender Studies	71	0%	1045	546	498
Biological and Biomedical Sciences	2,316	9%	1139	581	558
Business, Management, Marketing, and Related Support Services	3,088	12%	1050	533	518
Communication, Journalism, and Related Programs	355	1%	1091	570	521
Computer and Information Sciences and Support Services	1,215	5%	1165	583	583
Construction Trades, General	83	0%	954	487	467
Education	735	3%	1032	534	498
Engineering	2,775	10%	1175	583	592
Engineering Technologies/Technicians	308	1%	1105	552	553
English Language and Literature/Letters	233	1%	1121	596	525
Family and Consumer Sciences/Human Sciences	67	0%	975	503	471
Foreign Languages and Literatures, General	120	0%	1117	582	535
Health Professions and Related Clinical Sciences	3,073	11%	1035	529	507
History, General	104	0%	1125	590	535
Legal Studies, General	458	2%	1109	575	535
Liberal Arts and Sciences, General Studies and Humanities	110	0%	1137	598	539
Library Science/Librarianship	7	0%			
Mathematics and Statistics	188	1%	1261	617	644
Mechanic and Repair Technologies/Technicians	215	1%	943	473	470
Military Technologies	58	0%	1042	535	507
Multi/Interdisciplinary Studies	51	0%	1143	585	558
Natural Resources and Conservation	237	1%	1142	592	551
Parks, Recreation and Leisure Studies	107	0%	1026	518	508
Personal and Culinary Services, General	149	1%	949	494	456
Philosophy and Religious Studies	68	0%	1158	603	555
Physical Sciences	401	1%	1180	596	584
Psychology, General	1,242	5%	1073	557	516
Public Administration and Social Service Professions	93	0%	1062	554	508
Security and Protective Services	631	2%	996	510	486
Social Sciences	446	2%	1148	596	552
Theology and Religious Vocations	15	0%	1079	575	504
Visual and Performing Arts, General	1,521	6%	1063	552	511
Other	370	1%	982	503	479
Undecided	4,849	18%	986	502	484

**Degree-Level Goal**

Certificate Program	646	3%	914	466	448
Associate Degree	700	3%	892	458	434
Bachelor's Degree	5,890	28%	1058	539	519
Master's Degree	5,580	27%	1126	572	555
Doctoral or Related Degree	3,439	16%	1157	588	569
Other	188	1%	908	458	451
Undecided	4,497	21%	1029	526	503

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

Of the 57,293 students from Colorado who took the SAT, 25,340 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the institutions that received the most score reports. A total of 3,189 institutions received score reports from Colorado students.

Institution	State	Type	Number of Students	% of Score Senders <sup>1</sup>
Colorado State University	CO	Public College	6,180	24.4%
University of Colorado Boulder	CO	Public College	6,180	24.4%
University of Denver	CO	Private College	2,514	9.9%
Colorado School of Mines	CO	Public College	2,297	9.1%
University of Colorado Colorado Springs	CO	Public College	2,242	8.8%
Colorado Mesa University	CO	Public College	2,081	8.2%
University of Colorado Denver	CO	Public College	2,054	8.1%
Metropolitan State University of Denver	CO	Public College	1,948	7.7%
University of Northern Colorado	CO	Public College	1,892	7.5%
Arizona State University	AZ	Public College	1,543	6.1%
Colorado State University: Pueblo	CO	Public College	1,114	4.4%
Montana State University	MT	Public College	778	3.1%
Aims Community College	CO	Public College	756	3.0%
Pikes Peak State College	CO	Public College	740	2.9%
Colorado College	CO	Private College	730	2.9%
NCAA Eligibility Center	IN	Public College	707	2.8%
University of Wyoming	WY	Public College	674	2.7%
Front Range Community College	CO	Public College	669	2.6%
University of Oregon	OR	Public College	643	2.5%
Community College of Denver	CO	Public College	640	2.5%
University of Arizona	AZ	Public College	601	2.4%
Adams State University	CO	Public College	544	2.1%
United States Air Force Academy	CO	Public College	543	2.1%
Western Colorado University	CO	Public College	534	2.1%
Red Rocks Community College	CO	Public College	527	2.1%
University of Washington	WA	Public College	520	2.1%
Oregon State University	OR	Public College	511	2.0%
Boettcher Foundation Scholarship	CO	NO MAP	503	2.0%
University of Hawaii at Manoa	HI	Public College	488	1.9%
Arapahoe Community College	CO	Public College	479	1.9%
Regis University	CO	Private College	463	1.8%
Harvard College	MA	Private College	456	1.8%
Florida State University	FL	Public College	452	1.8%
Stanford University	CA	Private College	448	1.8%
University of Utah	UT	Public College	448	1.8%
Texas A&M University	TX	Public College	445	1.8%
University of California: Los Angeles	CA	Public College	439	1.7%
Univ of Michigan Ann Arbor	MI	Public College	438	1.7%
University of Florida	FL	Public College	432	1.7%
Colorado Mountain College	CO	Public College	430	1.7%
University of Southern California	CA	Private College	429	1.7%
Grand Canyon University	AZ	Private College	428	1.7%
Colorado Christian University	CO	Private College	422	1.7%
Fort Lewis College	CO	Public College	399	1.6%
Pueblo Community College	CO	Public College	397	1.6%

<sup>1</sup> Of students who designated that their SAT score reports be sent to institutions, the 'Percent of Score Senders' indicates the percent of those students who had their scores sent to each institution listed.

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

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2022-23 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	82,850		958	490	469
PSAT/NMSQT	33,331		1009	515	494
PSAT 10	56,652		930	475	455

Gender	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	40,320	49%	959	497	463
Male	41,648	50%	957	483	474
Another/ No Response	882	1%	987	516	471

Grade Level	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	60,410	73%	931	475	455	36%	64%	38%	33%
11th Grade	21,552	26%	1040	532	508	49%	74%	51%	24%
Other/No Response	888	1%	890	442	448				

Race/Ethnicity	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
<b>Total</b>					
American Indian/Alaska Native	752	1%	884	447	436
Asian	3,217	4%	1062	536	526
Black/African American	3,113	4%	871	442	429
Hispanic/Latino	25,189	30%	867	437	430
Native Hawaiian/Other Pacific Islander	214	0%	888	450	438
White	41,993	51%	1018	525	493
Two or More Races	3,633	4%	1003	516	486
No Response	4,739	6%	885	446	438

10th Grade	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	591	1%	869	439	430	21%	52%	23%	46%
Asian	2,100	3%	1026	520	506	59%	79%	62%	18%
Black/African American	2,445	4%	859	436	423	20%	50%	21%	49%
Hispanic/Latino	19,849	33%	853	430	423	18%	46%	20%	51%
Native Hawaiian/Other Pacific Islander	169	0%	869	442	427	22%	54%	24%	43%
White	29,306	49%	989	510	479	50%	79%	52%	19%
Two or More Races	2,618	4%	965	497	469	43%	72%	44%	26%
No Response	3,332	6%	855	431	424	21%	46%	23%	51%

11th Grade	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	156	1%	938	477	461	29%	56%	32%	42%
Asian	1,098	5%	1132	569	564	70%	84%	73%	13%
Black/African American	657	3%	919	469	451	23%	52%	25%	47%
Hispanic/Latino	5,129	24%	924	467	457	26%	51%	28%	47%
Native Hawaiian/Other Pacific Islander	45	0%	960	481	478	33%	60%	38%	36%
White	12,188	57%	1091	562	529	59%	86%	61%	13%
Two or More Races	983	5%	1103	569	534	60%	84%	62%	14%
No Response	1,296	6%	964	488	476	34%	57%	35%	41%

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

## PSAT/NMSQT and PSAT 10 Participation and Performance

Data reflect students who took the PSAT/NMSQT and/or PSAT 10 during the 2022-23 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 <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	16,610	27%	982	506	476	48%	77%	50%	21%
English and Another Language	3,240	5%	905	459	446	30%	56%	31%	42%
Another Language	2,085	3%	864	434	430	21%	49%	23%	48%
No Response	38,475	64%	914	466	448	33%	61%	35%	37%

11th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	12,880	60%	1080	556	524	57%	83%	58%	16%
English and Another Language	1,846	9%	1005	509	496	43%	65%	45%	33%
Another Language	1,208	6%	963	483	479	33%	56%	36%	41%
No Response	5,618	26%	974	495	479	36%	61%	38%	38%

## Highest Level of Parental Education

10th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	1,106	2%	875	441	434	23%	53%	26%	44%
High School Diploma	3,605	6%	952	490	462	41%	73%	43%	25%
Associate Degree	643	1%	987	513	474	49%	82%	51%	16%
Bachelor's Degree	6,130	10%	1064	552	512	69%	92%	70%	7%
Graduate Degree	5,244	9%	1102	572	531	75%	94%	76%	5%
No Response	43,682	72%	890	452	438	27%	57%	29%	41%

11th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	819	4%	882	441	442	18%	42%	20%	56%
High School Diploma	2,546	12%	979	499	480	35%	66%	37%	32%
Associate Degree	562	3%	1014	521	493	41%	76%	43%	22%
Bachelor's Degree	6,081	28%	1106	570	536	64%	89%	65%	10%
Graduate Degree	5,200	24%	1152	594	558	72%	92%	73%	7%
No Response	6,344	29%	930	471	460	27%	53%	29%	45%

## High School Grade Point Average

10th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	3,162	5%	1116	577	539	78%	93%	79%	7%
A (93–96)	6,785	11%	1057	547	510	67%	88%	68%	10%
A- (90–92)	4,453	7%	992	512	480	52%	81%	54%	17%
B (80–89)	7,663	13%	919	471	448	32%	68%	34%	30%
C (70–79)	3,103	5%	841	424	417	13%	44%	16%	53%
D, E, or F (below 70)	725	1%	795	395	399	6%	30%	9%	67%
No Response	34,516	57%	894	455	440	28%	57%	30%	41%

11th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	2,535	12%	1202	619	583	83%	95%	83%	4%
A (93–96)	4,848	22%	1138	585	552	71%	91%	72%	8%
A- (90–92)	3,231	15%	1062	546	516	55%	84%	57%	14%
B (80–89)	4,521	21%	984	503	481	35%	69%	38%	29%
C (70–79)	1,255	6%	895	452	443	18%	46%	20%	52%
D, E, or F (below 70)	175	1%	834	413	421	10%	29%	11%	70%
No Response	4,983	23%	940	477	463	29%	55%	30%	44%

<sup>1</sup> 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 2022-23 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
<b>Test Takers</b>	21,552	10,999	10,415	156	1,098	657	5,129	45	12,188	983

**Total Score**

1400–1520	3%	2%	4%	1%	9%	0%	1%	2%	3%	6%
1200–1390	20%	19%	21%	7%	31%	7%	8%	7%	25%	29%
1000–1190	36%	38%	34%	28%	36%	26%	24%	38%	43%	36%
800–990	29%	31%	27%	41%	19%	38%	40%	33%	24%	23%
600–790	12%	11%	13%	21%	5%	27%	26%	18%	5%	6%
320–590	0%	0%	1%	2%	0%	1%	1%	2%	0%	0%

**Section Scores - ERW**

700–760	5%	5%	5%	1%	10%	1%	2%	0%	7%	10%
600–690	27%	27%	26%	13%	35%	14%	12%	16%	33%	35%
500–590	32%	33%	30%	28%	32%	27%	25%	27%	36%	30%
400–490	22%	22%	22%	33%	17%	27%	31%	38%	19%	19%
300–390	13%	11%	15%	22%	6%	29%	29%	18%	6%	6%
160–290	1%	1%	1%	2%	1%	2%	2%	2%	0%	0%

**Section (Test) Scores - Math<sup>1</sup>**

700–760 (35–38)	4%	2%	6%	1%	14%	0%	1%	2%	4%	7%
600–690 (30–34.5)	13%	10%	16%	6%	23%	4%	5%	4%	16%	18%
500–590 (25–29.5)	38%	38%	37%	29%	39%	23%	25%	38%	44%	41%
400–490 (20–24.5)	34%	38%	31%	41%	19%	50%	47%	38%	29%	27%
300–390 (15–19.5)	11%	11%	10%	22%	5%	21%	22%	18%	5%	6%
160–290 (8–14.5)	1%	1%	1%	1%	0%	1%	1%	0%	0%	0%

**Test Scores - Reading**

35–38	8%	8%	9%	1%	13%	2%	3%	0%	11%	13%
30–34	26%	26%	25%	16%	33%	15%	12%	18%	31%	35%
25–29	33%	35%	31%	31%	31%	30%	27%	33%	37%	30%
20–24	23%	23%	23%	31%	18%	28%	35%	33%	17%	19%
15–19	10%	8%	11%	18%	5%	23%	21%	13%	4%	3%
8–14	1%	1%	1%	3%	0%	2%	1%	2%	0%	1%

**Test Scores - Writing and Language**

35–38	6%	7%	6%	3%	11%	1%	2%	2%	8%	12%
30–34	26%	27%	25%	13%	35%	13%	12%	16%	32%	32%
25–29	33%	34%	31%	30%	32%	28%	26%	36%	36%	32%
20–24	19%	19%	20%	27%	14%	24%	27%	24%	16%	15%
15–19	13%	11%	16%	22%	7%	27%	27%	18%	7%	8%
8–14	2%	2%	3%	4%	1%	6%	6%	4%	1%	0%

<sup>1</sup> 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 2022-23 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
<b>Test Takers</b>	60,410	28,929	30,794	591	2,100	2,445	19,849	169	29,306	2,618

**Total Score**

1400–1520	0%	0%	1%	0%	2%	0%	0%	0%	1%	1%
1200–1390	7%	7%	8%	3%	17%	2%	2%	3%	11%	10%
1000–1190	27%	28%	26%	16%	36%	17%	14%	17%	37%	31%
800–990	41%	43%	39%	48%	32%	43%	45%	45%	39%	39%
600–790	23%	22%	25%	33%	12%	36%	37%	34%	12%	18%
320–590	1%	1%	1%	1%	0%	2%	1%	1%	0%	0%

**Section Scores - ERW**

700–760	1%	1%	1%	1%	4%	0%	0%	1%	2%	2%
600–690	13%	13%	13%	5%	22%	5%	4%	4%	19%	18%
500–590	28%	30%	25%	21%	33%	20%	18%	24%	35%	31%
400–490	32%	34%	31%	37%	26%	37%	37%	36%	30%	31%
300–390	25%	21%	28%	35%	14%	35%	39%	34%	14%	18%
160–290	1%	1%	2%	1%	0%	3%	2%	2%	0%	1%

**Section (Test) Scores - Math<sup>1</sup>**

700–760 (35–38)	1%	0%	1%	0%	3%	0%	0%	0%	1%	1%
600–690 (30–34.5)	4%	3%	5%	1%	13%	1%	1%	2%	6%	7%
500–590 (25–29.5)	26%	25%	27%	16%	39%	15%	14%	15%	36%	29%
400–490 (20–24.5)	45%	47%	44%	54%	32%	47%	50%	49%	43%	44%
300–390 (15–19.5)	22%	24%	21%	27%	11%	33%	33%	33%	14%	18%
160–290 (8–14.5)	2%	2%	2%	2%	1%	4%	3%	1%	1%	1%

**Test Scores - Reading**

35–38	4%	3%	4%	2%	8%	1%	1%	2%	6%	5%
30–34	13%	13%	12%	5%	20%	6%	5%	4%	18%	17%
25–29	32%	34%	30%	26%	36%	25%	23%	31%	39%	36%
20–24	31%	32%	30%	37%	24%	36%	38%	33%	26%	28%
15–19	20%	17%	22%	29%	12%	29%	31%	28%	11%	14%
8–14	1%	1%	2%	1%	1%	3%	2%	2%	0%	1%

**Test Scores - Writing and Language**

35–38	1%	2%	1%	1%	4%	0%	0%	0%	2%	2%
30–34	13%	13%	12%	5%	22%	6%	5%	6%	18%	16%
25–29	27%	29%	25%	19%	33%	19%	18%	21%	34%	31%
20–24	30%	31%	29%	35%	24%	34%	34%	35%	28%	28%
15–19	26%	23%	29%	36%	15%	35%	39%	35%	16%	21%
8–14	3%	2%	4%	4%	1%	5%	5%	3%	1%	2%

<sup>1</sup> 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 2022-23 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		11th Grade	
	Test Takers	Percent	Test Takers	Percent
Agriculture, Agriculture Operations, and Related Sciences	382	2%	155	1%
Architecture and Related Services	348	2%	254	2%
Area, Ethnic, Cultural, and Gender Studies	32	0%	24	0%
Biological and Biomedical Sciences	1,272	8%	1,285	10%
Business, Management, Marketing, and Related Support Services	1,447	9%	1,514	12%
Communication, Journalism, and Related Programs	153	1%	179	1%
Computer and Information Sciences and Support Services	576	4%	581	5%
Construction Trades, General	22	0%	14	0%
Education	337	2%	249	2%
Engineering	1,878	12%	1,615	13%
Engineering Technologies/Technicians	277	2%	149	1%
English Language and Literature/Letters	115	1%	105	1%
Family and Consumer Sciences/Human Sciences	64	0%	26	0%
Foreign Languages and Literatures, General	68	0%	46	0%
Health Professions and Related Clinical Sciences	1,927	12%	1,331	11%
History, General	74	0%	63	0%
Legal Studies, General	334	2%	243	2%
Liberal Arts and Sciences, General Studies and Humanities	31	0%	37	0%
Library Science/Librarianship	2	0%	5	0%
Mathematics and Statistics	104	1%	121	1%
Mechanic and Repair Technologies/Technicians	42	0%	42	0%
Military Technologies	80	1%	46	0%
Multi/Interdisciplinary Studies	27	0%	24	0%
Natural Resources and Conservation	98	1%	95	1%
Parks, Recreation and Leisure Studies	61	0%	51	0%
Personal and Culinary Services, General	58	0%	30	0%
Philosophy and Religious Studies	32	0%	20	0%
Physical Sciences	275	2%	216	2%
Psychology, General	632	4%	482	4%
Public Administration and Social Service Professions	35	0%	34	0%
Security and Protective Services	479	3%	287	2%
Social Sciences	228	1%	271	2%
Theology and Religious Vocations	16	0%	11	0%
Visual and Performing Arts, General	966	6%	672	5%
Other	424	3%	155	1%
Undecided	3,098	19%	2,223	18%

**PSAT 8/9 Participation and Performance**

Data reflect students who took the PSAT 8/9 during the 2022-23 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	65,396	885	447	438	
Fall	10,479	855	431	424	
Spring	60,368	889	449	440	

Gender	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	31,180	48%	892	457	435
Male	33,698	52%	878	437	440
Another/ No Response	518	1%	918	477	441

Grade Level	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	3,583	5%	836	422	414	35%	62%	39%	34%
9th Grade	61,530	94%	888	449	439	43%	63%	46%	33%
Other / No Response	283	0%	797	396	401				

Total	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	482	1%	815	410	405
Asian	2,030	3%	992	490	502
Black/African American	2,551	4%	803	406	397
Hispanic/Latino	20,836	32%	807	408	400
Native Hawaiian/Other Pacific Islander	181	0%	779	394	385
White	30,293	46%	949	480	469
Two or More Races	2,856	4%	926	469	457
No Response	6,167	9%	817	412	405

8th Grade	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	71	2%	786	391	395	17%	54%	23%	41%
Asian	65	2%	979	482	497	71%	80%	75%	15%
Black/African American	95	3%	785	401	384	24%	58%	25%	41%
Hispanic/Latino	603	17%	780	393	387	19%	47%	24%	48%
Native Hawaiian/Other Pacific Islander	3	0%							
White	664	19%	886	449	437	48%	76%	51%	20%
Two or More Races	116	3%	876	451	425	38%	78%	40%	21%
No Response	1,966	55%	834	420	414	36%	60%	40%	36%

9th Grade	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	405	1%	820	414	406	29%	51%	30%	47%
Asian	1,954	3%	993	491	502	66%	80%	69%	17%
Black/African American	2,448	4%	804	407	398	24%	45%	29%	50%
Hispanic/Latino	20,189	33%	808	408	400	24%	45%	28%	51%
Native Hawaiian/Other Pacific Islander	176	0%	783	396	387	22%	41%	23%	58%
White	29,607	48%	951	481	470	57%	77%	60%	19%
Two or More Races	2,737	4%	928	469	459	50%	71%	53%	26%
No Response	4,014	7%	809	409	400	26%	46%	29%	51%

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



**PSAT 8/9 Participation and Performance**

Data reflect students who took the PSAT 8/9 during the 2022-23 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 <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,280	36%	851	431	420	37%	68%	40%	29%
English and Another Language	243	7%	811	410	401	26%	56%	30%	39%
Another Language	118	3%	786	392	395	27%	43%	35%	49%
No Response	1,942	54%	832	419	413	35%	60%	40%	36%

9th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	4,276	7%	945	479	465	54%	74%	57%	23%
English and Another Language	880	1%	858	434	424	33%	53%	36%	44%
Another Language	592	1%	810	407	403	22%	43%	26%	53%
No Response	55,782	91%	885	447	438	42%	63%	46%	34%

**High School Grade Point Average**

8th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	114	3%	1023	516	507	75%	90%	78%	7%
A (93–96)	349	10%	932	474	459	64%	85%	66%	14%
A- (90–92)	238	7%	877	446	431	45%	82%	46%	16%
B (80–89)	575	16%	796	403	393	21%	58%	26%	37%
C (70–79)	208	6%	753	378	374	13%	42%	18%	52%
D, E, or F (below 70)	49	1%	714	352	362	2%	20%	4%	78%
No Response	2,050	57%	827	416	411	34%	58%	38%	38%

9th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	1,541	3%	1116	559	557	86%	93%	87%	6%
A (93–96)	2,870	5%	1051	530	521	78%	91%	80%	8%
A- (90–92)	1,520	2%	973	492	480	64%	82%	67%	15%
B (80–89)	2,150	3%	890	453	438	43%	68%	48%	27%
C (70–79)	648	1%	786	399	388	16%	41%	20%	55%
D, E, or F (below 70)	190	0%	753	383	370	9%	32%	12%	65%
No Response	52,611	86%	872	440	431	39%	60%	43%	36%

<sup>1</sup> 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 2022-23 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
<b>Test Takers</b>	61,530	29,375	31,676	405	1,954	2,448	20,189	176	29,607	2,737

**Total Score**

1400–1440	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
1200–1390	6%	5%	6%	2%	17%	1%	1%	2%	9%	9%
1000–1190	21%	22%	21%	11%	30%	11%	10%	11%	30%	25%
800–990	38%	41%	36%	39%	35%	35%	36%	27%	41%	41%
600–790	31%	29%	33%	43%	15%	46%	47%	48%	18%	23%
240–590	3%	3%	4%	5%	2%	7%	5%	12%	1%	2%

**Section Scores - ERW**

700–720	0%	0%	0%	0%	1%	0%	0%	0%	0%	0%
600–690	7%	8%	6%	2%	15%	2%	2%	1%	11%	11%
500–590	24%	27%	22%	16%	33%	13%	13%	15%	33%	29%
400–490	35%	36%	33%	37%	33%	34%	35%	26%	36%	34%
300–390	31%	26%	35%	40%	16%	45%	46%	49%	19%	24%
120–290	3%	2%	3%	5%	2%	5%	4%	9%	1%	2%

**Section (Test) Scores - Math<sup>1</sup>**

700–720 (35–36)	1%	1%	2%	1%	7%	0%	0%	1%	2%	3%
600–690 (30–34.5)	5%	5%	6%	3%	14%	1%	2%	1%	8%	8%
500–590 (25–29.5)	19%	18%	20%	11%	28%	10%	10%	10%	27%	22%
400–490 (20–24.5)	40%	43%	38%	38%	35%	38%	39%	34%	42%	42%
300–390 (15–19.5)	28%	28%	28%	40%	13%	39%	40%	41%	18%	21%
120–290 (6–14.5)	6%	6%	6%	8%	3%	11%	9%	14%	3%	4%

**Test Scores - Reading**

35–36	1%	1%	1%	0%	2%	0%	0%	0%	1%	2%
30–34	10%	11%	9%	2%	18%	4%	4%	2%	14%	13%
25–29	26%	29%	24%	21%	34%	16%	16%	17%	35%	31%
20–24	36%	36%	35%	37%	30%	38%	38%	30%	34%	34%
15–19	25%	22%	28%	35%	14%	38%	39%	43%	15%	20%
6–14	2%	2%	3%	4%	1%	5%	3%	9%	1%	1%

**Test Scores - Writing and Language**

35–36	1%	1%	1%	0%	2%	0%	0%	0%	1%	1%
30–34	7%	9%	6%	3%	14%	3%	2%	2%	11%	11%
25–29	22%	25%	20%	14%	31%	13%	12%	15%	30%	26%
20–24	33%	35%	32%	37%	33%	32%	32%	27%	35%	33%
15–19	30%	26%	34%	35%	17%	41%	44%	44%	20%	24%
6–14	6%	4%	8%	10%	3%	11%	9%	13%	3%	4%

<sup>1</sup> 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 2022-23 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
<b>Test Takers</b>	3,583	1,695	1,870	71	65	95	603	3	664	116

**Total Score**

1400–1440	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
1200–1390	2%	2%	3%	0%	12%	0%	1%	0%	3%	4%
1000–1190	13%	13%	13%	6%	35%	6%	5%	0%	20%	17%
800–990	40%	42%	39%	44%	32%	41%	34%	0%	50%	42%
600–790	41%	40%	42%	45%	20%	47%	55%	100%	25%	34%
240–590	4%	3%	4%	6%	0%	5%	5%	0%	1%	2%

**Section Scores - ERW**

700–720	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
600–690	3%	4%	3%	0%	15%	1%	1%	0%	5%	5%
500–590	16%	17%	15%	8%	32%	7%	8%	0%	23%	26%
400–490	38%	40%	36%	39%	32%	43%	33%	33%	44%	42%
300–390	38%	36%	41%	44%	15%	45%	53%	33%	26%	25%
120–290	4%	3%	4%	8%	5%	3%	5%	33%	1%	2%

**Section (Test) Scores - Math<sup>1</sup>**

700–720 (35–36)	0%	0%	1%	0%	3%	0%	0%	0%	1%	3%
600–690 (30–34.5)	3%	2%	3%	0%	18%	1%	1%	0%	4%	3%
500–590 (25–29.5)	11%	9%	11%	6%	23%	2%	4%	0%	16%	9%
400–490 (20–24.5)	43%	44%	42%	42%	35%	35%	38%	0%	50%	49%
300–390 (15–19.5)	38%	39%	37%	46%	20%	52%	49%	67%	27%	31%
120–290 (6–14.5)	6%	6%	6%	6%	0%	11%	9%	33%	3%	5%

**Test Scores - Reading**

35–36	0%	0%	0%	0%	0%	0%	0%	0%	1%	0%
30–34	6%	6%	6%	0%	22%	1%	3%	0%	8%	11%
25–29	18%	19%	17%	14%	32%	13%	8%	0%	25%	20%
20–24	42%	43%	41%	45%	28%	45%	41%	33%	44%	54%
15–19	32%	30%	33%	37%	14%	40%	45%	67%	22%	14%
6–14	2%	2%	2%	4%	5%	1%	3%	0%	1%	1%

**Test Scores - Writing and Language**

35–36	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
30–34	3%	4%	3%	1%	12%	1%	1%	0%	5%	6%
25–29	16%	18%	14%	7%	26%	8%	9%	0%	23%	23%
20–24	37%	38%	36%	39%	40%	38%	31%	33%	44%	34%
15–19	36%	34%	38%	41%	17%	43%	50%	33%	24%	33%
6–14	8%	7%	9%	11%	5%	9%	9%	33%	4%	3%

<sup>1</sup> 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 test activity for students who graduated high school in 2023. PSAT/NMSQT and PSAT 10 data reflect 10th or 11th grade students who took the PSAT/NMSQT and/or PSAT 10 during the 2022-23 school year. PSAT 8/9 data reflect 8th or 9th grade students who took the PSAT 8/9 during the 2022-23 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	1130	580	560	29	29	28	29	30
50th	980	500	480	25	25	24	25	25
25th	840	430	400	22	21	20	22	21

**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	1180	620	570	31	31	28.5	31	31
50th	1050	540	510	27	27	25.5	27	26
25th	890	450	440	23	22	22	23	23

**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	1050	550	510	28	28	25.5	27	27
50th	910	470	450	24	23	22.5	23	23
25th	800	390	410	20	19	20.5	20	21

**PSAT 8/9 - Grade 9**

Percentile	Total	Section		Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
		ERW	Math					
75th	1010	520	500	26	26	25	25	26
50th	870	440	440	22	22	22	22	22
25th	750	370	370	19	18	18.5	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	930	480	460	24	24	23	24	24
50th	820	410	400	21	20	20	21	21
25th	730	360	360	19	17	18	18	17