

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

## Pennsylvania

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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

## 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.

## 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.

## 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.

## 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.

**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.

## 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.

\*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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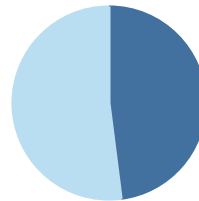
## SAT Suite Participation Summary

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.

**203,287** 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

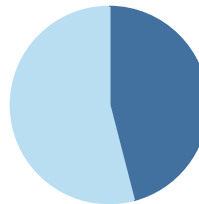
SAT Takers <sup>1</sup>	69,075
High School Graduates <sup>2</sup>	143,720
SAT Participation Rate	48%



48% of graduates in the class of 2023 took the SAT during high school

### Class of 2024

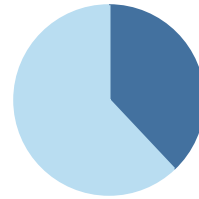
PSAT/NMSQT Takers <sup>3</sup>	70,505
11th-Grade Enrollment <sup>2</sup>	153,413
Participation Rate	46%



46% of 11th graders took the PSAT/NMSQT last fall

### Class of 2025

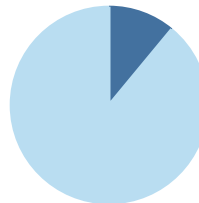
PSAT/NMSQT or PSAT 10 Taker..	60,990
10th-Grade Enrollment <sup>2</sup>	161,114
Participation Rate	38%



38% of 10th graders took the PSAT/NMSQT or PSAT 10 in 2022-23

### Class of 2026

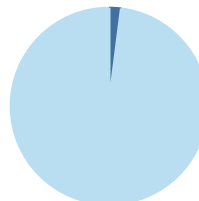
PSAT 8/9 Takers <sup>3</sup>	18,788
9th-Grade Enrollment <sup>2</sup>	165,613
Participation Rate	11%



11% of 9th graders took the PSAT 8/9 in 2022-23

### Class of 2027

PSAT 8/9 Takers <sup>3</sup>	2,648
8th-Grade Enrollment <sup>2</sup>	154,018
Participation Rate	2%



2% 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	69,075		1078	547	531	51%	75%	53%	23%
Took Essay <sup>1</sup>	311	0%	1243	627	616	80%	95%	82%	4%

Race / Ethnicity	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	336	0%	963	485	477	28%	51%	30%	47%
Asian	5,041	7%	1212	596	615	72%	84%	75%	13%
Black/African American	6,711	10%	906	466	440	16%	42%	18%	56%
Hispanic/Latino	6,245	9%	981	502	478	30%	57%	32%	41%
Native Hawaiian/Other Pacific Islander	48	0%	854	434	420	21%	31%	21%	69%
White	43,857	63%	1120	568	552	59%	85%	61%	13%
Two or More Races	2,619	4%	1094	558	536	52%	79%	53%	20%
No Response	4,218	6%	906	462	444	23%	39%	24%	60%

Gender	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	36,900	53%	1063	545	518	46%	75%	47%	24%
Male	31,657	46%	1095	549	547	56%	75%	59%	23%
Another/ No Response	518	1%	1102	578	524	52%	83%	52%	17%

First Language Learned	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	55,202	80%	1092	555	537	53%	79%	55%	19%
English and Another Language	6,002	9%	1095	551	544	51%	71%	53%	27%
Another Language	3,064	4%	1070	529	541	48%	64%	52%	32%
No Response	4,807	7%	901	460	441	21%	37%	23%	61%

Highest Level of Parental Education	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	1,995	3%	957	482	475	27%	50%	30%	48%
High School Diploma	13,295	19%	1005	512	493	35%	64%	37%	34%
Associate Degree	3,987	6%	1040	530	510	42%	73%	44%	26%
Bachelor's Degree	23,604	34%	1112	563	549	58%	84%	60%	14%
Graduate Degree	19,144	28%	1176	595	582	69%	88%	70%	10%
No Response	7,050	10%	894	456	438	19%	37%	21%	61%

<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	8,358	15%	1016	517	498	36%	65%	38%	33%
Did not use	47,266	85%	1138	576	562	62%	86%	64%	12%

### Test-Taking History<sup>3</sup>

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
School Day	17,939	26%	967	493	474	31%	53%	33%	46%
School Day Only	13,451	19%	909	465	444	21%	42%	22%	56%
School Day and Weekend	4,488	6%	1140	576	564	62%	84%	64%	14%
Weekend Only	51,136	74%	1117	566	552	58%	83%	59%	16%

### School Location<sup>4</sup>

	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
City	14,949	22%	946	484	462	26%	48%	28%	50%
Suburb	38,291	55%	1127	569	557	60%	83%	62%	15%
Town/Rural	13,184	19%	1089	551	537	53%	81%	55%	17%
Unknown	2,651	4%	1078	556	523	47%	75%	48%	24%

### 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)	6,451	9%	892	458	435	17%	39%	18%	59%
2nd Lowest Quintile (\$53,264-\$69,092)	7,711	11%	1016	518	498	38%	66%	40%	32%
Middle Quintile (\$69,093-\$86,073)	11,705	17%	1061	540	522	47%	75%	49%	22%
2nd Highest Quintile (\$86,074-\$113,340)	16,420	24%	1101	558	543	55%	81%	57%	17%
Highest Quintile (>=\$113,341)	21,962	32%	1172	591	581	68%	89%	70%	10%
Unknown	4,826	7%	965	491	474	31%	52%	33%	46%

<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	4,786	<div><div></div></div> 7%	700–800	5,577	<div><div></div></div> 8%	5,491	<div><div></div></div> 8%	
1200–1390	14,918	<div><div></div></div> 22%	600–690	17,173	<div><div></div></div> 25%	13,398	<div><div></div></div> 19%	
1000–1190	25,563	<div><div></div></div> 37%	500–590	24,624	<div><div></div></div> 36%	24,966	<div><div></div></div> 36%	
800–990	17,472	<div><div></div></div> 25%	400–490	16,392	<div><div></div></div> 24%	16,708	<div><div></div></div> 24%	
600–790	6,095	<div><div></div></div> 9%	300–390	5,033	<div><div></div></div> 7%	8,059	<div><div></div></div> 12%	
400–590	241		200–290	276		453		
Mean	1078		Mean	547		531		
SD	205		SD	103		111		

### Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	6,903	5,855
30–34	16,045	20,055
25–29	26,115	22,482
20–24	15,183	15,040
15–19	4,100	5,000
10–14	495	409
Mean	27	27
SD	5	5

### Test Scores

	Reading	Writing and Language	Math
35–40	6,380	7,105	5,430
30–34.5	17,678	17,724	13,326
25–29.5	25,338	21,286	24,892
20–24.5	15,395	16,175	16,691
15–19.5	3,748	5,926	8,050
10–14.5	302	625	452
Mean	28	27	27
SD	5	6	6

### Subscores

	Words in Context	Command of Evidence	Expression of Ideas	Standard English Conventions	Heart of Algebra	Problem Solving and Data Analysis	Passport to Advanced Mathematics
13–15	10,657	9,134	11,951	8,063	7,551	10,569	7,462
10–12	26,319	21,685	21,865	18,147	18,477	22,621	17,318
7–9	21,891	26,986	24,801	23,876	28,120	19,311	27,352
4–6	7,153	10,545	9,478	15,073	12,316	10,614	14,696
1–3	2,821	491	746	3,682	2,377	5,726	2,013
Mean	10	9	10	9	9	9	9
SD	3	3	3	3	3	3	3

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

	8	7	6	5	4	3	2	Mean	SD
Reading	1	6	94	82	109	14	5	5	1
Analysis	0	0	20	43	134	57	57	4	1
Writing	3	8	197	48	49	6	0	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>	69,075	36,900	31,657	336	5,041	6,711	6,245	48	43,857	2,619

### Total Score

1400–1600	7%	5%	9%	2%	26%	1%	3%	0%	6%	9%
1200–1390	22%	20%	24%	7%	29%	5%	12%	4%	26%	20%
1000–1190	37%	38%	36%	31%	27%	23%	30%	19%	43%	38%
800–990	25%	28%	22%	44%	14%	42%	36%	35%	22%	27%
600–790	9%	9%	9%	15%	4%	29%	19%	40%	2%	6%
400–590	0%	0%	0%	1%	0%	1%	1%	2%	0%	0%

### Section Scores - ERW

700–800	8%	7%	9%	2%	21%	1%	4%	0%	8%	11%
600–690	25%	24%	25%	8%	32%	8%	15%	4%	29%	25%
500–590	36%	37%	35%	35%	27%	25%	31%	21%	40%	36%
400–490	24%	25%	23%	40%	16%	41%	33%	40%	20%	23%
300–390	7%	7%	8%	14%	4%	23%	16%	33%	2%	5%
200–290	0%	0%	0%	1%	0%	1%	1%	2%	0%	0%

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

700–800 (35–40)	8%	6%	11%	3%	31%	1%	3%	0%	7%	10%
600–690 (30–34.5)	19%	17%	22%	10%	26%	4%	11%	6%	24%	17%
500–590 (25–29.5)	36%	37%	35%	28%	26%	22%	29%	19%	42%	37%
400–490 (20–24.5)	24%	27%	20%	38%	13%	38%	32%	21%	22%	27%
300–390 (15–19.5)	12%	13%	11%	21%	4%	33%	23%	46%	5%	10%
200–290 (10–14.5)	1%	1%	1%	1%	0%	2%	1%	8%	0%	0%

### Test Scores - Reading

35–40	9%	8%	11%	2%	21%	2%	5%	0%	10%	12%
30–34	26%	25%	26%	11%	31%	10%	17%	6%	30%	27%
25–29	37%	38%	35%	33%	29%	30%	34%	19%	41%	38%
20–24	22%	23%	21%	44%	16%	41%	33%	48%	17%	20%
15–19	5%	5%	6%	10%	3%	17%	11%	25%	2%	4%
10–14	0%	0%	1%	0%	0%	1%	1%	2%	0%	0%

### Test Scores - Writing and Language

35–40	10%	10%	11%	2%	27%	2%	5%	0%	11%	12%
30–34	26%	26%	25%	10%	31%	10%	16%	6%	31%	26%
25–29	31%	32%	30%	33%	22%	24%	28%	21%	35%	31%
20–24	23%	24%	23%	36%	15%	37%	31%	27%	20%	24%
15–19	9%	8%	9%	17%	5%	25%	18%	40%	3%	6%
10–14	1%	1%	1%	2%	0%	3%	2%	6%	0%	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	536	1%	1015	519	495
Architecture and Related Services	826	2%	1095	550	545
Area, Ethnic, Cultural, and Gender Studies	88	0%	1108	574	534
Biological and Biomedical Sciences	5,293	10%	1159	587	572
Business, Management, Marketing, and Related Support Services	7,267	14%	1083	544	538
Communication, Journalism, and Related Programs	1,058	2%	1093	567	526
Computer and Information Sciences and Support Services	3,108	6%	1190	593	597
Construction Trades, General	100	0%	988	491	497
Education	2,655	5%	1052	538	514
Engineering	4,904	9%	1205	596	609
Engineering Technologies/Technicians	573	1%	1083	539	544
English Language and Literature/Letters	501	1%	1163	613	551
Family and Consumer Sciences/Human Sciences	103	0%	1027	531	496
Foreign Languages and Literatures, General	200	0%	1156	600	557
Health Professions and Related Clinical Sciences	8,033	15%	1061	539	522
History, General	412	1%	1156	604	553
Legal Studies, General	1,135	2%	1119	579	541
Liberal Arts and Sciences, General Studies and Humanities	243	0%	1138	590	548
Library Science/Librarianship	17	0%	1152	604	548
Mathematics and Statistics	610	1%	1259	615	644
Mechanic and Repair Technologies/Technicians	109	0%	951	481	470
Military Technologies	93	0%	1068	542	526
Multi/Interdisciplinary Studies	77	0%	1250	636	614
Natural Resources and Conservation	439	1%	1170	603	567
Parks, Recreation and Leisure Studies	225	0%	1010	510	500
Personal and Culinary Services, General	121	0%	990	515	475
Philosophy and Religious Studies	70	0%	1164	597	567
Physical Sciences	904	2%	1197	601	596
Psychology, General	2,738	5%	1065	551	513
Public Administration and Social Service Professions	140	0%	1058	545	513
Security and Protective Services	1,039	2%	1013	519	494
Social Sciences	892	2%	1175	607	567
Theology and Religious Vocations	58	0%	1144	594	550
Visual and Performing Arts, General	2,517	5%	1083	563	520
Other	670	1%	1014	519	495
Undecided	4,815	9%	1074	544	529

### Degree-Level Goal

Certificate Program	367	1%	949	483	466
Associate Degree	748	1%	927	474	453
Bachelor's Degree	18,809	34%	1065	540	525
Master's Degree	16,072	29%	1131	572	559
Doctoral or Related Degree	10,284	18%	1173	594	579
Other	314	1%	975	494	481
Undecided	9,220	17%	1102	560	542

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

Of the 69,075 students from Pennsylvania who took the SAT, 28,759 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 2,270 institutions received score reports from Pennsylvania students.

Institution	State	Type	Number of Students	% of Score Senders <sup>1</sup>
Penn State University Park	PA	Public College	11,225	39.0%
University of Pittsburgh	PA	Public College	7,618	26.5%
Drexel University	PA	Private College	3,298	11.5%
Temple University	PA	Public College	3,093	10.8%
West Chester University of Pennsylvania	PA	Public College	2,612	9.1%
University of Pennsylvania	PA	Private College	1,673	5.8%
University of Delaware	DE	Public College	1,568	5.5%
University of Maryland: College Park	MD	Public College	1,464	5.1%
Duquesne University	PA	Private College	1,455	5.1%
Carnegie Mellon University	PA	Private College	1,449	5.0%
Lehigh University	PA	Private College	1,295	4.5%
West Virginia University	WV	Public College	1,243	4.3%
Villanova University	PA	Private College	1,107	3.8%
NCAA Eligibility Center	IN	Public College	1,083	3.8%
Ohio State University: Columbus Campus	OH	Public College	1,071	3.7%
University of Florida	FL	Public College	1,015	3.5%
Univ of Michigan Ann Arbor	MI	Public College	1,003	3.5%
Northeastern University	MA	Private College	976	3.4%
Clemson University	SC	Public College	964	3.4%
Virginia Tech	VA	Public College	925	3.2%
University Of Tennessee Knoxville	TN	Public College	861	3.0%
Princeton University	NJ	Private College	829	2.9%
New York University	NY	Private College	827	2.9%
Boston University	MA	Private College	811	2.8%
University of Virginia	VA	Public College	798	2.8%
Cornell University	NY	Private College	791	2.8%
Indiana University of Pennsylvania	PA	Public College	751	2.6%
Thomas Jefferson University: East Falls	PA	Private College	747	2.6%
Kutztown University of Pennsylvania	PA	Public College	741	2.6%
Georgetown University	DC	Private College	734	2.6%
University of Georgia	GA	Public College	724	2.5%
Millersville University of Pennsylvania	PA	Public College	716	2.5%
Saint Joseph's University	PA	Private College	703	2.4%
Purdue University	IN	Public College	670	2.3%
University of North Carolina at Chapel Hill	NC	Public College	669	2.3%
Syracuse University	NY	Private College	659	2.3%
Georgia Institute Of Technology	GA	Public College	658	2.3%
University of South Florida	FL	Public College	635	2.2%
James Madison University	VA	Public College	629	2.2%
Florida State University	FL	Public College	616	2.1%
Bucknell University	PA	Private College	608	2.1%
Case Western Reserve University	OH	Private College	605	2.1%
University of Scranton	PA	Private College	602	2.1%
Slippery Rock University of Pennsylvania	PA	Public College	600	2.1%
University of South Carolina: Columbia	SC	Public College	588	2.0%

<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	134,650	958	484	474	
PSAT/NMSQT	128,945	958	484	474	
PSAT 10	6,003	949	483	466	

Gender	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	68,058	51%	961	492	470
Male	64,628	48%	956	476	480
Another/ No Response	1,964	1%	926	475	451

Grade Level	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	60,990	45%	936	471	465	41%	63%	44%	33%
11th Grade	70,518	52%	980	496	483	37%	63%	39%	35%
Other/No Response	3,142	2%	891	446	445				

Race/Ethnicity	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
<b>Total</b>					
American Indian/Alaska Native	1,605	1%	866	430	436
Asian	8,000	6%	1107	550	556
Black/African American	10,765	8%	852	426	426
Hispanic/Latino	12,569	9%	891	448	443
Native Hawaiian/Other Pacific Islander	149	0%	854	420	434
White	64,797	48%	1018	519	498
Two or More Races	4,489	3%	999	510	489
No Response	32,276	24%	862	429	433

10th Grade	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	855	1%	873	433	440	26%	50%	30%	45%
Asian	3,603	6%	1071	533	538	69%	82%	74%	13%
Black/African American	4,350	7%	834	415	418	16%	40%	19%	56%
Hispanic/Latino	5,370	9%	872	437	435	24%	49%	28%	47%
Native Hawaiian/Other Pacific Islander	65	0%	853	418	435	26%	43%	28%	55%
White	25,446	42%	998	508	490	55%	79%	58%	18%
Two or More Races	1,878	3%	977	498	479	47%	73%	50%	24%
No Response	19,423	32%	871	433	438	27%	48%	31%	48%

11th Grade	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	705	1%	860	427	433	13%	33%	16%	65%
Asian	4,270	6%	1139	566	573	67%	80%	71%	16%
Black/African American	6,260	9%	866	435	431	14%	39%	15%	59%
Hispanic/Latino	6,968	10%	908	458	450	21%	47%	23%	51%
Native Hawaiian/Other Pacific Islander	81	0%	854	421	433	12%	28%	15%	69%
White	38,262	54%	1033	528	505	47%	76%	49%	21%
Two or More Races	2,526	4%	1017	519	498	42%	71%	44%	27%
No Response	11,446	16%	850	423	428	14%	33%	16%	65%

<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	31,362	51%	965	489	476	47%	71%	50%	26%
English and Another Language	3,898	6%	967	484	483	45%	65%	49%	31%
Another Language	2,090	3%	918	452	466	37%	54%	42%	41%
No Response	23,640	39%	895	447	448	32%	53%	36%	43%

11th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	49,415	70%	1007	513	494	42%	70%	44%	28%
English and Another Language	5,529	8%	1014	510	504	43%	64%	45%	34%
Another Language	2,955	4%	980	486	494	37%	55%	41%	41%
No Response	12,619	18%	860	429	431	16%	36%	18%	62%

## 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	1,510	2%	840	411	429	20%	36%	25%	59%
High School Diploma	7,380	12%	902	453	449	32%	57%	36%	39%
Associate Degree	1,382	2%	943	478	465	40%	68%	44%	28%
Bachelor's Degree	10,892	18%	1012	515	498	59%	82%	62%	15%
Graduate Degree	8,611	14%	1064	543	521	68%	87%	70%	11%
No Response	31,215	51%	887	443	444	30%	53%	34%	43%

11th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	2,222	3%	878	434	445	19%	37%	22%	60%
High School Diploma	12,625	18%	931	471	460	25%	55%	28%	43%
Associate Degree	2,868	4%	973	495	477	34%	65%	36%	32%
Bachelor's Degree	18,807	27%	1036	528	507	48%	77%	50%	20%
Graduate Degree	15,523	22%	1103	564	539	61%	85%	63%	14%
No Response	18,473	26%	867	432	434	16%	37%	18%	60%

## 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)	5,923	10%	1095	560	535	77%	90%	78%	9%
A (93–96)	12,327	20%	1029	525	505	63%	85%	65%	13%
A- (90–92)	7,813	13%	959	486	474	46%	74%	50%	22%
B (80–89)	9,711	16%	873	436	437	23%	51%	28%	44%
C (70–79)	2,000	3%	793	389	404	7%	25%	11%	71%
D, E, or F (below 70)	264	0%	752	366	386	3%	17%	5%	81%
No Response	22,947	38%	879	438	440	28%	50%	32%	46%

11th Grade	Test Takers			Mean Score			Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	8,227	12%	1143	585	558	71%	89%	72%	10%
A (93–96)	16,869	24%	1073	548	525	56%	83%	58%	15%
A- (90–92)	11,807	17%	1006	512	494	41%	73%	44%	24%
B (80–89)	16,662	24%	918	463	455	21%	52%	24%	45%
C (70–79)	3,190	5%	835	415	420	7%	28%	10%	70%
D, E, or F (below 70)	306	0%	786	389	396	6%	19%	7%	79%
No Response	13,456	19%	856	427	429	15%	35%	17%	63%

<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>	70,518	35,917	33,811	705	4,270	6,260	6,968	81	38,262	2,526

**Total Score**

1400–1520	2%	2%	3%	0%	16%	0%	1%	1%	2%	3%
1200–1390	12%	11%	13%	3%	25%	3%	6%	4%	16%	14%
1000–1190	31%	33%	29%	13%	32%	16%	22%	14%	41%	34%
800–990	36%	37%	34%	46%	21%	45%	42%	32%	34%	36%
600–790	18%	16%	20%	36%	6%	33%	28%	47%	8%	12%
320–590	1%	1%	1%	2%	0%	2%	1%	2%	0%	0%

**Section Scores - ERW**

700–760	4%	3%	4%	0%	14%	1%	1%	0%	4%	5%
600–690	17%	17%	17%	5%	30%	6%	10%	10%	22%	21%
500–590	30%	33%	28%	17%	29%	20%	24%	16%	38%	32%
400–490	28%	28%	28%	36%	18%	36%	33%	19%	26%	27%
300–390	20%	17%	23%	40%	9%	33%	30%	51%	10%	14%
160–290	2%	2%	2%	2%	0%	5%	2%	5%	0%	1%

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

700–760 (35–38)	3%	2%	5%	0%	21%	0%	1%	2%	3%	4%
600–690 (30–34.5)	8%	6%	10%	2%	19%	2%	4%	2%	10%	9%
500–590 (25–29.5)	32%	32%	31%	17%	33%	16%	22%	14%	41%	34%
400–490 (20–24.5)	41%	44%	38%	52%	21%	52%	49%	51%	38%	40%
300–390 (15–19.5)	15%	15%	15%	26%	5%	28%	23%	28%	8%	11%
160–290 (8–14.5)	1%	1%	2%	3%	0%	2%	2%	2%	0%	1%

**Test Scores - Reading**

35–38	5%	4%	5%	1%	15%	1%	2%	0%	6%	7%
30–34	17%	18%	17%	5%	28%	7%	11%	7%	22%	20%
25–29	33%	35%	30%	21%	31%	25%	28%	20%	39%	34%
20–24	29%	29%	29%	42%	18%	38%	36%	35%	25%	27%
15–19	15%	13%	17%	30%	7%	26%	22%	33%	7%	10%
8–14	2%	1%	2%	2%	1%	4%	2%	5%	0%	1%

**Test Scores - Writing and Language**

35–38	4%	4%	4%	1%	16%	1%	2%	1%	5%	6%
30–34	17%	18%	16%	4%	30%	6%	10%	9%	22%	20%
25–29	31%	33%	28%	19%	27%	22%	25%	14%	38%	33%
20–24	24%	25%	24%	32%	15%	31%	28%	25%	23%	23%
15–19	20%	17%	22%	35%	10%	32%	30%	44%	11%	15%
8–14	4%	3%	5%	9%	1%	9%	6%	7%	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: 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>	60,990	30,793	29,373	855	3,603	4,350	5,370	65	25,446	1,878

**Total Score**

1400–1520	1%	0%	1%	0%	4%	0%	0%	0%	1%	1%
1200–1390	8%	7%	8%	2%	22%	2%	4%	3%	11%	11%
1000–1190	29%	31%	27%	18%	40%	12%	18%	15%	40%	33%
800–990	39%	41%	37%	48%	25%	42%	43%	37%	38%	39%
600–790	23%	20%	25%	30%	8%	41%	34%	42%	11%	16%
320–590	1%	1%	2%	1%	0%	3%	2%	3%	0%	1%

**Section Scores - ERW**

700–760	1%	1%	1%	0%	4%	0%	1%	2%	2%	3%
600–690	12%	13%	11%	4%	27%	3%	6%	3%	18%	17%
500–590	28%	31%	25%	20%	35%	16%	21%	17%	37%	31%
400–490	31%	32%	31%	38%	22%	34%	33%	31%	30%	31%
300–390	25%	21%	29%	35%	11%	41%	36%	40%	13%	18%
160–290	2%	2%	3%	2%	1%	5%	3%	8%	0%	1%

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

700–760 (35–38)	1%	1%	2%	0%	8%	0%	0%	0%	1%	2%
600–690 (30–34.5)	5%	4%	7%	1%	18%	1%	2%	0%	7%	7%
500–590 (25–29.5)	29%	29%	29%	19%	42%	12%	18%	22%	40%	32%
400–490 (20–24.5)	45%	47%	42%	55%	27%	52%	51%	57%	42%	44%
300–390 (15–19.5)	18%	18%	18%	23%	6%	33%	27%	18%	10%	14%
160–290 (8–14.5)	2%	1%	2%	1%	0%	3%	2%	3%	0%	1%

**Test Scores - Reading**

35–38	2%	2%	3%	0%	6%	1%	1%	0%	4%	4%
30–34	13%	14%	12%	6%	27%	4%	8%	8%	19%	18%
25–29	30%	33%	27%	25%	34%	20%	24%	18%	38%	32%
20–24	33%	33%	34%	41%	23%	39%	37%	35%	30%	31%
15–19	19%	16%	21%	26%	8%	31%	27%	32%	10%	13%
8–14	2%	2%	3%	2%	1%	5%	3%	6%	0%	1%

**Test Scores - Writing and Language**

35–38	2%	2%	2%	0%	6%	0%	1%	2%	2%	3%
30–34	12%	13%	11%	5%	26%	4%	7%	3%	18%	18%
25–29	29%	32%	26%	21%	35%	17%	22%	15%	38%	33%
20–24	27%	27%	26%	32%	19%	30%	29%	34%	26%	25%
15–19	25%	21%	28%	33%	12%	39%	34%	38%	15%	19%
8–14	5%	4%	6%	8%	2%	11%	8%	8%	2%	3%

<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	342	1%	550	1%
Architecture and Related Services	478	2%	752	2%
Area, Ethnic, Cultural, and Gender Studies	66	0%	75	0%
Biological and Biomedical Sciences	2,608	10%	4,386	9%
Business, Management, Marketing, and Related Support Services	2,546	10%	6,124	13%
Communication, Journalism, and Related Programs	437	2%	896	2%
Computer and Information Sciences and Support Services	1,084	4%	2,311	5%
Construction Trades, General	15	0%	55	0%
Education	819	3%	2,010	4%
Engineering	2,058	8%	3,996	9%
Engineering Technologies/Technicians	293	1%	425	1%
English Language and Literature/Letters	170	1%	343	1%
Family and Consumer Sciences/Human Sciences	62	0%	111	0%
Foreign Languages and Literatures, General	70	0%	126	0%
Health Professions and Related Clinical Sciences	3,256	12%	6,606	14%
History, General	130	0%	311	1%
Legal Studies, General	570	2%	860	2%
Liberal Arts and Sciences, General Studies and Humanities	43	0%	151	0%
Library Science/Librarianship	4	0%	12	0%
Mathematics and Statistics	226	1%	468	1%
Mechanic and Repair Technologies/Technicians	24	0%	87	0%
Military Technologies	56	0%	98	0%
Multi/Interdisciplinary Studies	51	0%	70	0%
Natural Resources and Conservation	119	0%	345	1%
Parks, Recreation and Leisure Studies	107	0%	186	0%
Personal and Culinary Services, General	29	0%	107	0%
Philosophy and Religious Studies	34	0%	65	0%
Physical Sciences	355	1%	740	2%
Psychology, General	946	4%	2,205	5%
Public Administration and Social Service Professions	62	0%	118	0%
Security and Protective Services	676	3%	1,172	3%
Social Sciences	371	1%	790	2%
Theology and Religious Vocations	15	0%	42	0%
Visual and Performing Arts, General	1,337	5%	2,382	5%
Other	416	2%	727	2%
Undecided	6,185	24%	6,874	15%

## 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	21,824	859	431	427	
Fall	19,081	851	427	424	
Spring	2,743	913	462	452	

Gender	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	10,981	50%	866	440	426
Male	10,645	49%	851	422	429
Another/ No Response	198	1%	846	431	415

Grade Level	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	2,648	12%	815	406	409	32%	51%	37%	44%
9th Grade	18,788	86%	867	436	431	38%	59%	42%	37%
Other / No Response	388	2%	770	391	378				

Race/Ethnicity	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	367	2%	819	408	411
Asian	922	4%	999	494	505
Black/African American	2,197	10%	766	385	381
Hispanic/Latino	1,953	9%	806	405	400
Native Hawaiian/Other Pacific Islander	43	0%	743	366	377
White	5,671	26%	950	482	468
Two or More Races	683	3%	902	458	444
No Response	9,988	46%	824	412	412

8th Grade	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	66	2%	789	386	404	33%	44%	44%	45%
Asian	101	4%	910	445	464	52%	66%	62%	24%
Black/African American	599	23%	706	348	358	10%	24%	15%	71%
Hispanic/Latino	281	11%	766	382	384	19%	41%	25%	52%
Native Hawaiian/Other Pacific Islander	6	0%							
White	857	32%	903	454	449	53%	74%	56%	23%
Two or More Races	149	6%	831	419	412	32%	56%	36%	40%
No Response	589	22%	805	399	405	30%	48%	33%	48%

9th Grade	Test Takers		Mean Score			Met Benchmarks <sup>1</sup>			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	292	2%	828	414	414	23%	49%	32%	43%
Asian	813	4%	1012	501	511	68%	82%	72%	14%
Black/African American	1,568	8%	789	399	390	17%	44%	21%	52%
Hispanic/Latino	1,653	9%	812	409	403	24%	48%	28%	49%
Native Hawaiian/Other Pacific Islander	37	0%	755	371	384	16%	27%	19%	70%
White	4,761	25%	959	487	472	59%	82%	62%	15%
Two or More Races	529	3%	921	469	453	49%	75%	51%	23%
No Response	9,135	49%	827	414	414	31%	50%	36%	46%

<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	1,282	48%	845	422	422	39%	59%	43%	37%
English and Another Language	149	6%	801	403	399	23%	50%	28%	46%
Another Language	94	4%	793	397	396	26%	41%	34%	50%
No Response	1,123	42%	785	389	396	27%	44%	32%	52%

9th Grade	Test Takers		Mean Score				Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	7,589	40%	907	461	447	45%	70%	49%	26%
English and Another Language	1,065	6%	893	446	447	42%	63%	46%	33%
Another Language	591	3%	876	432	444	40%	57%	47%	37%
No Response	9,543	51%	831	415	416	32%	50%	37%	45%

**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)	212	8%	975	491	484	66%	80%	69%	17%
A (93–96)	407	15%	891	447	443	49%	69%	54%	26%
A- (90–92)	269	10%	856	430	426	41%	64%	46%	32%
B (80–89)	343	13%	774	384	390	22%	44%	27%	51%
C (70–79)	104	4%	719	357	363	8%	29%	12%	67%
D, E, or F (below 70)	13	0%	636	305	332	0%	0%	15%	85%
No Response	1,299	49%	777	385	392	25%	42%	30%	53%

9th Grade	Test Takers		Mean Score				Met Benchmarks <sup>1</sup>		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	1,126	6%	1040	525	515	72%	86%	73%	12%
A (93–96)	2,710	14%	974	494	480	62%	83%	65%	14%
A- (90–92)	1,774	9%	910	461	449	48%	75%	52%	21%
B (80–89)	2,563	14%	828	417	410	26%	55%	31%	40%
C (70–79)	498	3%	748	368	380	10%	25%	16%	70%
D, E, or F (below 70)	74	0%	704	349	355	4%	22%	5%	77%
No Response	10,041	53%	828	414	413	31%	50%	35%	46%

<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>	18,788	9,558	9,096	292	813	1,568	1,653	37	4,761	529

**Total Score**

1400–1440	0%	0%	0%	0%	2%	0%	0%	0%	0%	0%
1200–1390	5%	5%	6%	1%	20%	0%	2%	0%	8%	7%
1000–1190	19%	20%	18%	11%	28%	7%	11%	5%	32%	23%
800–990	38%	40%	36%	47%	34%	39%	37%	24%	45%	43%
600–790	32%	31%	34%	38%	14%	48%	44%	62%	15%	25%
240–590	5%	5%	6%	3%	1%	6%	6%	8%	1%	1%

**Section Scores - ERW**

700–720	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%
600–690	7%	7%	6%	2%	20%	1%	3%	0%	11%	9%
500–590	22%	24%	20%	16%	31%	12%	15%	11%	35%	27%
400–490	34%	35%	32%	39%	32%	36%	33%	30%	38%	40%
300–390	31%	28%	34%	38%	14%	43%	43%	43%	14%	21%
120–290	6%	5%	8%	5%	2%	8%	6%	16%	1%	2%

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

700–720 (35–36)	1%	1%	2%	0%	10%	0%	0%	0%	1%	2%
600–690 (30–34.5)	6%	5%	6%	1%	17%	1%	2%	0%	9%	7%
500–590 (25–29.5)	14%	14%	14%	10%	23%	4%	8%	5%	24%	19%
400–490 (20–24.5)	41%	42%	39%	49%	33%	42%	41%	35%	46%	43%
300–390 (15–19.5)	31%	32%	31%	35%	14%	45%	41%	51%	18%	26%
120–290 (6–14.5)	7%	6%	7%	5%	2%	9%	8%	8%	1%	4%

**Test Scores - Reading**

35–36	1%	1%	1%	0%	2%	0%	0%	0%	1%	2%
30–34	9%	9%	8%	4%	22%	2%	4%	0%	14%	13%
25–29	22%	23%	21%	16%	30%	14%	15%	8%	33%	26%
20–24	37%	38%	35%	45%	33%	41%	39%	43%	39%	41%
15–19	28%	26%	30%	32%	12%	38%	37%	41%	12%	17%
6–14	4%	4%	5%	3%	2%	5%	4%	8%	1%	2%

**Test Scores - Writing and Language**

35–36	0%	0%	0%	0%	2%	0%	0%	0%	1%	1%
30–34	7%	8%	6%	2%	19%	2%	4%	0%	13%	9%
25–29	22%	24%	19%	16%	32%	11%	14%	14%	33%	30%
20–24	32%	34%	31%	35%	30%	33%	31%	22%	37%	35%
15–19	29%	26%	32%	36%	14%	43%	39%	41%	15%	21%
6–14	10%	8%	12%	11%	3%	11%	12%	24%	2%	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>	2,648	1,266	1,360	66	101	599	281	6	857	149

### Total Score

1400–1440	0%	0%	0%	0%	1%	0%	0%	0%	0%	1%
1200–1390	3%	3%	3%	0%	10%	0%	2%	0%	5%	2%
1000–1190	13%	14%	13%	9%	21%	3%	5%	0%	23%	17%
800–990	31%	32%	30%	36%	40%	18%	27%	33%	43%	33%
600–790	44%	43%	46%	47%	24%	65%	56%	33%	28%	38%
240–590	8%	8%	7%	8%	5%	14%	9%	33%	1%	9%

### Section Scores - ERW

700–720	0%	0%	0%	0%	0%	0%	0%	0%	0%	1%
600–690	5%	6%	4%	0%	10%	1%	2%	0%	8%	3%
500–590	15%	16%	15%	11%	23%	3%	9%	0%	25%	23%
400–490	27%	29%	26%	29%	33%	16%	26%	17%	37%	26%
300–390	43%	41%	45%	53%	29%	64%	51%	50%	27%	41%
120–290	9%	9%	10%	8%	6%	16%	12%	33%	2%	6%

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

700–720 (35–36)	1%	0%	1%	0%	5%	0%	0%	0%	1%	2%
600–690 (30–34.5)	3%	3%	4%	2%	8%	0%	3%	0%	5%	2%
500–590 (25–29.5)	11%	11%	11%	9%	17%	2%	4%	0%	21%	10%
400–490 (20–24.5)	36%	36%	37%	39%	46%	25%	31%	33%	44%	39%
300–390 (15–19.5)	39%	39%	39%	44%	21%	56%	50%	33%	26%	38%
120–290 (6–14.5)	9%	9%	9%	6%	4%	16%	11%	33%	3%	9%

### Test Scores - Reading

35–36	1%	1%	1%	0%	2%	0%	0%	0%	1%	1%
30–34	6%	7%	5%	0%	12%	2%	4%	0%	10%	7%
25–29	15%	16%	15%	15%	20%	3%	9%	0%	27%	19%
20–24	33%	35%	32%	33%	38%	27%	33%	33%	39%	30%
15–19	38%	36%	40%	44%	22%	57%	46%	50%	22%	35%
6–14	6%	6%	7%	8%	7%	11%	8%	17%	1%	8%

### Test Scores - Writing and Language

35–36	0%	0%	0%	0%	0%	0%	0%	0%	1%	1%
30–34	5%	6%	4%	0%	12%	1%	2%	0%	9%	5%
25–29	14%	15%	13%	15%	20%	3%	10%	0%	22%	19%
20–24	27%	28%	27%	27%	29%	15%	26%	33%	37%	30%
15–19	38%	36%	40%	41%	30%	57%	43%	0%	26%	34%
6–14	14%	13%	16%	17%	10%	24%	19%	67%	5%	11%

<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	1220	620	600	31	31	30	31	32
50th	1080	550	530	28	27	26.5	27	28
25th	930	470	450	24	23	22.5	24	24

### 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	1110	580	540	29	29	27	29	29
50th	970	500	480	25	25	24	25	25
25th	830	410	410	21	20	20.5	21	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	550	520	28	27	26	27	27
50th	930	470	460	24	23	23	23	24
25th	800	390	400	20	18	20	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	990	510	490	26	26	24.5	25	26
50th	850	430	420	22	21	21	22	22
25th	730	360	380	19	17	19	18	18

### PSAT 8/9 - Grade 8

Percentile	Total	Section		Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
		ERW	Math					
75th	920	470	460	24	24	23	23	23
50th	790	390	400	20	19	20	20	20
25th	690	330	360	17	16	18	16	16