

2018

SAT

Annual Report

 CollegeBoard

SAT[®]

Quakertown Community Senior High School

AI Code: 394120

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About This Report

This report presents data on students in the class of 2018 who took the new SAT® during high school during the 2017-18 school year.

Within each assessment, test takers are counted only once and only their latest scores and most recent demographic responses are summarized. (Most students supply optional demographic information when they register for or take tests in the SAT Suite of Assessments, which provides valuable contextual information to aid in interpreting and understanding individual and group scores.)

Score Ranges

Here are the ranges for reported scores for the Evidence-Based Reading and Writing (ERW) and Math sections of each assessment in the SAT Suite:

- SAT sections: 200–800
- PSAT/NMSQT and PSAT 10 sections: 160–760
- PSAT 8/9 sections: 120–720

Recent Changes to Data Collection and Reporting

In June 2015, the College Board aligned its collection and reporting of race/ethnicity categories with U.S. Department of Education guidelines. In addition, while previous SAT cohort assignment reflected self-reported information collected during SAT or SAT Subject Test registration only, it now leverages the most recent information from the SAT, PSAT-related assessment, or AP programs in an effort to more closely align with school, district, and state data systems. For these reasons, we advise caution when comparing data points in this report to those in previous reports.

Caveat on Using the Data

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

Statistical Definitions

Mean score: The mean score is the arithmetic average of a defined set of test scores. Mean score statistics are reported here if there are ten or more students in a group or subgroup.

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

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

College and Career Readiness Benchmarks

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

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

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

College and Career Readiness Benchmarks

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

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

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

About the College Board

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

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SAT Participation and Performance

Data reflect 2018 high school graduates who took the new SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

Total	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Total	232		1117	561	556	62%	81%	64%	16%
Took Essay ¹	167	72%	1133	569	565	66%	86%	69%	12%

Race / Ethnicity	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	0								
Asian	10	4%	1182	589	593	80%	90%	80%	10%
Black/African American	5	2%							
Hispanic/Latino	10	4%	1068	539	529	30%	60%	30%	40%
Native Hawaiian/Other Pacific Islander	0								
White	200	86%	1122	563	559	64%	83%	67%	15%
Two or More Races	5	2%							
No Response	2	1%							

Sex	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	129	56%	1104	560	544	58%	82%	59%	17%
Male	103	44%	1133	561	572	66%	80%	71%	16%

First Language Learned	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	214	92%	1121	563	558	62%	82%	64%	15%
English and Another Language	10	4%	1046	516	530	50%	60%	50%	40%
Another Language	7	3%							
No Response	1	0%							

Highest Level of Parental Education	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	4	2%							
High School Diploma	70	30%	1082	544	538	54%	81%	57%	16%
Associate Degree	25	11%	1080	538	542	48%	64%	56%	28%
Bachelor's Degree	81	35%	1130	565	566	69%	81%	70%	17%
Graduate Degree	48	21%	1172	593	579	69%	88%	71%	10%
No Response	4	2%							

SAT Fee Waiver	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Used at any point	29	13%	1001	508	493	38%	59%	38%	41%
Did not use	203	88%	1133	568	565	65%	84%	68%	13%

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

SAT Participation and Performance: Score Distributions

Data reflect 2018 high school graduates who took the new SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

Total and Section Scores

Total Score			ERW			Math		
1400–1600	8	3%	700–800	12	5%	15	6%	
1200–1390	69	30%	600–690	70	30%	56	24%	
1000–1190	102	44%	500–590	89	38%	108	47%	
800–990	48	21%	400–490	54	23%	44	19%	
600–790	5		300–390	7		9	4%	
400–590	0		200–290	0		0		
Mean	1117		Mean	561		556		
SD	161		SD	84		88		

Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	14	23
30–34	75	76
25–29	98	88
20–24	39	42
15–19	6	3
10–14	0	0
Mean	28	29
SD	4	4

Test Scores

	Reading	Writing and Language	Math
35–40	14	14	15
30–34.5	86	64	56
25–29.5	85	89	108
20–24.5	44	56	44
15–19.5	3	9	9
10–14.5	0	0	0
Mean	29	27	28
SD	4	5	4

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	26	29	29	19	23	29	24
10–12	99	81	98	65	102	94	81
7–9	88	93	79	90	82	74	91
4–6	18	28	24	55	24	28	32
1–3	1	1	2	3	1	7	4
Mean	10	10	10	9	10	9	9
SD	2	2	2	3	2	3	3

Essay¹

	8	7	6	5	4	3	2	Mean	SD
Reading	2	11	78	43	30	2	1	5	1
Analysis	0	6	24	52	51	22	12	4	1
Writing	1	10	79	41	34	2	0	5	1

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

SAT Participation and Performance: Score Distributions by Subgroup

Data reflect 2018 high school graduates who took the new SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	232	129	103	0	10	5	10	0	200	5

Total Score

1400–1600	3%	2%	6%		0%		20%		3%	
1200–1390	30%	29%	30%		40%		10%		32%	
1000–1190	44%	42%	47%		40%		20%		46%	
800–990	21%	25%	16%		20%		40%		18%	
600–790	2%	2%	2%		0%		10%		2%	
400–590	0%	0%	0%		0%		0%		0%	

Section Scores - ERW

700–800	5%	4%	7%		0%		20%		5%	
600–690	30%	32%	28%		50%		10%		31%	
500–590	38%	40%	36%		40%		20%		40%	
400–490	23%	20%	27%		10%		40%		21%	
300–390	3%	4%	2%		0%		10%		3%	
200–290	0%	0%	0%		0%		0%		0%	

Section (Test) Scores - Math¹

700–800 (35–40)	6%	5%	9%		20%		20%		6%	
600–690 (30–34.5)	24%	22%	26%		20%		0%		27%	
500–590 (25–29.5)	47%	47%	46%		40%		30%		48%	
400–490 (20–24.5)	19%	20%	17%		20%		40%		16%	
300–390 (15–19.5)	4%	5%	2%		0%		10%		4%	
200–290 (10–14.5)	0%	0%	0%		0%		0%		0%	

Test Scores - Reading

35–40	6%	5%	7%		0%		20%		6%	
30–34	37%	37%	37%		60%		10%		39%	
25–29	37%	38%	35%		30%		40%		36%	
20–24	19%	17%	21%		10%		20%		19%	
15–19	1%	2%	0%		0%		10%		1%	
10–14	0%	0%	0%		0%		0%		0%	

Test Scores - Writing and Language

35–40	6%	4%	9%		20%		20%		5%	
30–34	28%	29%	26%		10%		0%		31%	
25–29	38%	41%	35%		60%		30%		38%	
20–24	24%	22%	27%		10%		40%		23%	
15–19	4%	5%	3%		0%		10%		4%	
10–14	0%	0%	0%		0%		0%		0%	

¹ The Math Test score is found by dividing the Math section score by 20.

SAT Participation and Performance: Intended College Major and Degree-Level Goal

Data reflect 2018 high school graduates who took the new SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

Intended College Major	Test Takers	Percent	Total	Mean Score	
				ERW	Math
Agriculture, Agriculture Operations, and Related Sciences	4	2%			
Architecture and Related Services	4	2%			
Area, Ethnic, Cultural, and Gender Studies	0				
Biological and Biomedical Sciences	15	7%	1192	607	585
Business, Management, Marketing, and Related Support Services	25	11%	1097	548	548
Communication, Journalism, and Related Programs	6	3%			
Computer and Information Sciences and Support Services	12	5%	1295	649	646
Construction Trades, General	0				
Education	22	10%	1029	519	510
Engineering	29	13%	1186	575	611
Engineering Technologies/Technicians	2	1%			
English Language and Literature/Letters	4	2%			
Family and Consumer Sciences/Human Sciences	2	1%			
Foreign Languages and Literatures, General	0				
Health Professions and Related Clinical Sciences	33	15%	1068	538	530
History, General	4	2%			
Legal Studies, General	4	2%			
Liberal Arts and Sciences, General Studies and Humanities	1	0%			
Library Science/Librarianship	0				
Mathematics and Statistics	0				
Mechanic and Repair Technologies/Technicians	0				
Military Technologies	0				
Multi/Interdisciplinary Studies	0				
Natural Resources and Conservation	3	1%			
Parks, Recreation and Leisure Studies	0				
Personal And Culinary Services, General	0				
Philosophy and Religious Studies	0				
Physical Sciences	4	2%			
Precision Production	0				
Psychology, General	6	3%			
Public Administration and Social Service Professions	2	1%			
Security and Protective Services	5	2%			
Social Sciences	8	4%			
Theology and Religious Vocations	1	0%			
Transportation and Materials Moving	0				
Visual and Performing Arts, General	12	5%	1081	552	529
Other	1	0%			
Undecided	15	7%	1113	558	555

Degree-Level Goal

Certificate Program	0				
Associate Degree	1	0%			
Bachelor's Degree	92	42%	1081	544	538
Master's Degree	66	30%	1142	573	569
Doctoral or Related Degree	42	19%	1162	589	573
Other	0				
Undecided	17	8%	1100	536	564

SAT Score Sending: Institutions That Received the Most SAT Score Reports from Your Students

Of the 232 students from Quakertown Community Senior High School who took the SAT, 146 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 181 institutions received score reports from your students.

Institution	State	Type	Number of Students	% of Score Senders ¹
Penn State University Park	PA	Public College	70	47.9%
Temple University	PA	Public College	37	25.3%
West Chester University of Pennsylvania	PA	Public College	24	16.4%
University of Pittsburgh	PA	Public College	22	15.1%
Kutztown University of Pennsylvania	PA	Public College	20	13.7%
Lehigh University	PA	Private College	16	11.0%
DeSales University	PA	Private College	16	11.0%
Bloomsburg University of Pennsylvania	PA	Public College	14	9.6%
Villanova University	PA	Private College	14	9.6%
Shippensburg University of Pennsylvania	PA	Public College	12	8.2%
Millersville University of Pennsylvania	PA	Public College	11	7.5%
Moravian College	PA	Private College	11	7.5%
Drexel University	PA	Private College	10	6.8%
University of Pennsylvania	PA	Private College	9	6.2%
University of Delaware	DE	Public College	8	5.5%
East Stroudsburg University of Pennsylvania	PA	Public College	8	5.5%
Bucknell University	PA	Private College	8	5.5%
NCAA Eligibility Center	IN	Public College	7	4.8%
University of Scranton	PA	Private College	6	4.1%
Cornell University	NY	Private College	6	4.1%
Arcadia University	PA	Private College	6	4.1%
Delaware Valley University	PA	Private College	6	4.1%
Lock Haven University of Pennsylvania	PA	Public College	5	3.4%
Princeton University	NJ	Private College	5	3.4%
Albright College	PA	Private College	5	3.4%
Virginia Tech	VA	Public College	4	2.7%
Rochester Institute of Technology	NY	Private College	4	2.7%
Lafayette College	PA	Private College	4	2.7%
Pennsylvania College of Technology	PA	Public College	4	2.7%
Columbia University	NY	Private College	4	2.7%
Bucks County Community College	PA	Public College	4	2.7%
Muhlenberg College	PA	Private College	4	2.7%
Gettysburg College	PA	Private College	4	2.7%
Rowan University	NJ	Public College	3	2.1%
University of Michigan	MI	Public College	3	2.1%
Fordham University	NY	Private College	3	2.1%
Boston University	MA	Private College	3	2.1%
Saint Joseph's University	PA	Private College	3	2.1%
Wilkes University	PA	Private College	3	2.1%
Widener University	PA	Private College	3	2.1%
Hofstra University	NY	Private College	3	2.1%
Syracuse University	NY	Private College	3	2.1%
Coastal Carolina University	SC	Public College	3	2.1%
York College of Pennsylvania	PA	Private College	3	2.1%
Messiah College	PA	Private College	3	2.1%

¹ 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.

SAT Suite Performance: Interquartile Ranges

Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group. SAT data reflect 2018 high school graduates who took the new SAT during high school. If a student took the SAT 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	1230	630	620	32	31	31	31	32
50th	1120	570	560	29	27	28	28	29
25th	1000	490	500	26	24	25	26	25