

2018

SAT Suite of Assessments Annual Report

SAT[®]

PSAT/NMSQT[®]

PSAT[®] 10

PSAT[®] 8/9

Montana

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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, as well as takers of PSAT-related assessments—the PSAT/NMSQT®, PSAT™ 10, and PSAT™ 8/9—during the 2017-18 school year.

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

Score Ranges

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

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

Recent Changes to Data Collection and Reporting

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

Caveat on Using the Data

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

Statistical Definitions

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

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

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

College and Career Readiness Benchmarks

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

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

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

College and Career Readiness Benchmarks

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

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

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

About the College Board

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

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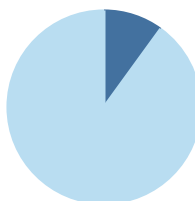
SAT Suite Participation Summary

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.

5,913 test takers completed the SAT or a PSAT-related assessment (PSAT/NMSQT, PSAT 10, or PSAT 8/9) in the 2017-18 school year.

Class of 2018

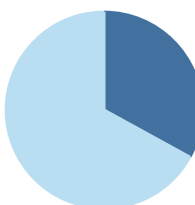
SAT Takers ¹	952
High School Graduates ²	9,402
SAT Participation Rate	10%



10% of graduates in the class of 2018 took the SAT during high school

Class of 2019

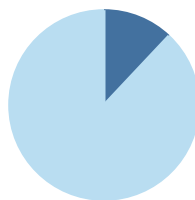
PSAT/NMSQT Takers ³	3,513
11th-Grade Enrollment ²	10,737
Participation Rate	33%



33% of 11th graders took the PSAT/NMSQT last fall

Class of 2020

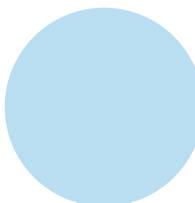
PSAT/NMSQT or PSAT 10 Takers ³	1,334
10th-Grade Enrollment ²	11,471
Participation Rate	12%



12% of 10th graders took the PSAT/NMSQT or PSAT 10 in 2017-18

Class of 2021

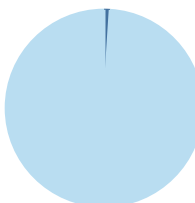
PSAT 8/9 Takers ³	43
9th-Grade Enrollment ²	12,210
Participation Rate	0%



0% of 9th graders took the PSAT 8/9 in 2017-18

Class of 2022

PSAT 8/9 Takers ³	60
8th-Grade Enrollment ²	11,957
Participation Rate	1%



1% of 8th graders took the PSAT 8/9 in 2017-18

¹ Reflects 2018 high school graduates who took the new SAT during high school.

² Knocking at the College Door, WICHE, December 2016.

³ PSAT-related assessment data reflect students who tested during the 2017-18 school year.

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	952		1198	606	592	75%	93%	77%	5%
Took Essay ¹	644	68%	1229	622	607	82%	96%	83%	3%

Race / Ethnicity	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	14	1%	1061	544	518	36%	86%	36%	14%
Asian	25	3%	1224	588	636	76%	84%	88%	4%
Black/African American	9	1%							
Hispanic/Latino	38	4%	1127	565	562	53%	82%	55%	16%
Native Hawaiian/Other Pacific Islander	0								
White	776	82%	1205	609	596	78%	94%	78%	5%
Two or More Races	36	4%	1156	582	574	67%	89%	69%	8%
No Response	54	6%	1219	634	584	76%	98%	76%	2%

Sex	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Female	540	57%	1182	605	576	71%	94%	72%	5%
Male	412	43%	1220	606	614	81%	92%	82%	6%

First Language Learned	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	850	89%	1199	607	592	76%	94%	77%	5%
English and Another Language	47	5%	1168	584	584	68%	85%	70%	13%
Another Language	19	2%	1151	542	609	68%	74%	79%	16%
No Response	36	4%	1247	635	612	78%	97%	81%	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	10	1%	1075	526	549	50%	80%	50%	20%
High School Diploma	146	15%	1147	582	565	70%	94%	71%	5%
Associate Degree	52	5%	1095	558	537	52%	81%	54%	17%
Bachelor's Degree	369	39%	1189	601	588	75%	93%	76%	5%
Graduate Degree	331	35%	1259	636	624	85%	97%	86%	3%
No Response	44	5%	1141	583	558	59%	84%	59%	16%

SAT Fee Waiver	Test Takers		Mean Score				Met Benchmarks		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
Used at any point	45	5%	1155	591	564	67%	89%	67%	11%
Did not use	907	95%	1200	607	594	76%	94%	77%	5%

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	134	14%	700–800	162	17%	140	15%
1200–1390	332	35%	600–690	372	39%	296	31%
1000–1190	376	39%	500–590	320	34%	387	41%
800–990	107	11%	400–490	91	10%	117	12%
600–790	3		300–390	7		12	
400–590	0		200–290	0		0	
Mean	1198		Mean	606		592	
SD	164		SD	85		91	

Cross-Test Scores

	Analysis in History/Social Studies	Analysis in Science
35–40	176	187
30–34	345	391
25–29	343	295
20–24	81	76
15–19	7	3
10–14	0	0
Mean	30	31
SD	4	4

Test Scores

	Reading	Writing and Language	Math
35–40	192	179	140
30–34.5	358	348	296
25–29.5	320	313	387
20–24.5	78	97	117
15–19.5	4	14	12
10–14.5	0	1	0
Mean	30	30	30
SD	4	5	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	284	249	280	194	178	222	186
10–12	413	373	408	368	399	415	380
7–9	226	288	222	291	312	261	305
4–6	26	42	42	94	62	50	73
1–3	3	0	0	5	1	4	8
Mean	11	11	11	10	10	11	10
SD	2	3	2	3	2	3	3

Essay¹

	8	7	6	5	4	3	2	Mean	SD
Reading	14	52	305	154	91	23	5	5	1
Analysis	8	13	107	153	178	107	78	4	1
Writing	21	53	349	148	65	7	1	6	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	952	540	412	14	25	9	38	0	776	36

Total Score

1400–1600	14%	11%	18%	0%	20%		11%		15%	6%
1200–1390	35%	32%	38%	21%	40%		24%		35%	36%
1000–1190	39%	44%	33%	50%	28%		42%		40%	44%
800–990	11%	12%	10%	21%	12%		21%		10%	14%
600–790	0%	0%	0%	7%	0%		3%		0%	0%
400–590	0%	0%	0%	0%	0%		0%		0%	0%

Section Scores - ERW

700–800	17%	16%	18%	0%	12%		11%		18%	3%
600–690	39%	38%	40%	21%	36%		32%		40%	47%
500–590	34%	36%	30%	64%	32%		34%		33%	36%
400–490	10%	9%	10%	0%	16%		24%		9%	14%
300–390	1%	1%	1%	14%	4%		0%		0%	0%
200–290	0%	0%	0%	0%	0%		0%		0%	0%

Section (Test) Scores - Math¹

700–800 (35–40)	15%	9%	22%	0%	36%		13%		15%	11%
600–690 (30–34.5)	31%	28%	35%	29%	28%		16%		33%	25%
500–590 (25–29.5)	41%	46%	34%	29%	24%		47%		41%	42%
400–490 (20–24.5)	12%	16%	8%	29%	12%		21%		11%	22%
300–390 (15–19.5)	1%	1%	2%	14%	0%		3%		1%	0%
200–290 (10–14.5)	0%	0%	0%	0%	0%		0%		0%	0%

Test Scores - Reading

35–40	20%	19%	22%	7%	16%		13%		20%	6%
30–34	38%	39%	36%	29%	28%		32%		38%	53%
25–29	34%	34%	33%	50%	36%		34%		34%	28%
20–24	8%	8%	9%	7%	20%		21%		7%	14%
15–19	0%	1%	0%	7%	0%		0%		0%	0%
10–14	0%	0%	0%	0%	0%		0%		0%	0%

Test Scores - Writing and Language

35–40	19%	19%	18%	0%	20%		11%		20%	3%
30–34	37%	36%	37%	21%	32%		26%		37%	44%
25–29	33%	33%	33%	57%	28%		39%		32%	36%
20–24	10%	10%	10%	7%	16%		16%		10%	17%
15–19	1%	1%	1%	7%	4%		8%		1%	0%
10–14	0%	0%	0%	7%	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	7	1%			
Architecture and Related Services	13	2%	1175	580	595
Area, Ethnic, Cultural, and Gender Studies	0				
Biological and Biomedical Sciences	79	9%	1207	614	593
Business, Management, Marketing, and Related Support Services	76	9%	1140	569	571
Communication, Journalism, and Related Programs	22	3%	1223	645	578
Computer and Information Sciences and Support Services	36	4%	1252	619	633
Construction Trades, General	0				
Education	32	4%	1166	587	578
Engineering	118	14%	1286	633	653
Engineering Technologies/Technicians	4	0%			
English Language and Literature/Letters	16	2%	1225	635	590
Family and Consumer Sciences/Human Sciences	1	0%			
Foreign Languages and Literatures, General	8	1%			
Health Professions and Related Clinical Sciences	162	19%	1166	593	573
History, General	3	0%			
Legal Studies, General	21	2%	1160	605	555
Liberal Arts and Sciences, General Studies and Humanities	8	1%			
Library Science/Librarianship	1	0%			
Mathematics and Statistics	14	2%	1296	625	671
Mechanic and Repair Technologies/Technicians	1	0%			
Military Technologies	4	0%			
Multi/Interdisciplinary Studies	4	0%			
Natural Resources and Conservation	15	2%	1203	607	596
Parks, Recreation and Leisure Studies	4	0%			
Personal And Culinary Services, General	1	0%			
Philosophy and Religious Studies	3	0%			
Physical Sciences	22	3%	1190	600	590
Precision Production	0				
Psychology, General	25	3%	1136	578	558
Public Administration and Social Service Professions	1	0%			
Security and Protective Services	8	1%			
Social Sciences	21	2%	1262	658	604
Theology and Religious Vocations	1	0%			
Transportation and Materials Moving	1	0%			
Visual and Performing Arts, General	61	7%	1168	597	571
Other	8	1%			
Undecided	60	7%	1265	643	621

Degree-Level Goal

Certificate Program	3	0%			
Associate Degree	9	1%			
Bachelor's Degree	255	30%	1137	573	564
Master's Degree	264	31%	1228	624	604
Doctoral or Related Degree	202	24%	1264	635	629
Other	0				
Undecided	114	13%	1186	598	588

SAT Score Sending: Institutions That Received the Most SAT Score Reports from Montana

Of the 952 students from Montana who took the SAT, 653 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 472 institutions received score reports from Montana students.

Institution	State	Type	Number of Students	% of Score Senders¹
Montana State University	MT	Public College	390	59.7%
University of Montana	MT	Public College	150	23.0%
Carroll College	MT	Private College	55	8.4%
Montana Tech of the University of Montana	MT	Public College	47	7.2%
NMSC Scholarship Admin	IL	NO ANSWER	44	6.7%
Stanford University	CA	Private College	39	6.0%
Montana Agate	MT	NO ANSWER	38	5.8%
University of Washington	WA	Public College	38	5.8%
Western Washington University	WA	Public College	33	5.1%
Harvard College	MA	Private College	32	4.9%
Washington State University	WA	Public College	31	4.7%
University of Utah	UT	Public College	30	4.6%
Gonzaga University	WA	Private College	27	4.1%
NCAA Eligibility Center	IN	Public College	27	4.1%
Montana State University: Billings	MT	Public College	26	4.0%
University of Colorado Boulder	CO	Public College	23	3.5%
Princeton University	NJ	Private College	23	3.5%
University of Portland	OR	Private College	22	3.4%
University of Oregon	OR	Public College	21	3.2%
Columbia University	NY	Private College	21	3.2%
Oregon State University	OR	Public College	20	3.1%
University of California: Berkeley	CA	Public College	20	3.1%
University of Southern California	CA	Private College	20	3.1%
Yale University	CT	Private College	20	3.1%
Boise State University	ID	Public College	19	2.9%
Massachusetts Institute of Technology	MA	Private College	19	2.9%
Colorado State University	CO	Public College	18	2.8%
Duke University	NC	Private College	18	2.8%
Whitworth University	WA	Private College	17	2.6%
Dartmouth College	NH	Private College	17	2.6%
Arizona State University	AZ	Public College	17	2.6%
Cornell University	NY	Private College	17	2.6%
University of Montana: College of Technology	MT	Public College	17	2.6%
Northwestern University	IL	Private College	17	2.6%
University of Arizona	AZ	Public College	16	2.5%
Lewis & Clark College	OR	Private College	16	2.5%
Whitman College	WA	Private College	16	2.5%
Portland State University	OR	Public College	15	2.3%
Colorado School of Mines	CO	Public College	15	2.3%
University of California: Los Angeles	CA	Public College	15	2.3%
University of Michigan	MI	Public College	15	2.3%
University of Denver	CO	Private College	15	2.3%
Flathead Valley Community College	MT	Public College	15	2.3%
University of San Francisco	CA	Private College	15	2.3%
University of Vermont	VT	Public College	14	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.

PSAT/NMSQT and PSAT 10 Participation and Performance

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

Total	Test Takers		Mean Score		
	Number		Total	ERW	Math
Total	5,035		1057	536	521
PSAT/NMSQT	4,810		1057	536	521
PSAT 10	225		1056	530	526

Sex	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	2,822	56%	1053	540	513
Male	2,199	44%	1064	532	532
No Response	14	0%	936	476	459

Grade Level	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
10th Grade	1,334	26%	1052	535	517	69%	91%	71%	8%
11th Grade	3,518	70%	1061	537	524	56%	82%	58%	16%
Other/No Response	183	4%	1014	521	493				

Race/Ethnicity	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Total					
American Indian/Alaska Native	92	2%	895	449	446
Asian	79	2%	1050	517	533
Black/African American	22	0%	900	458	442
Hispanic/Latino	295	6%	1008	512	497
Native Hawaiian/Other Pacific Islander	12	0%	964	494	470
White	4,177	83%	1068	542	526
Two or More Races	218	4%	1050	535	515
No Response	140	3%	988	504	484

10th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	21	2%	912	464	448	29%	67%	29%	33%
Asian	24	2%	1081	540	541	75%	92%	75%	8%
Black/African American	5	0%							
Hispanic/Latino	75	6%	1022	517	505	67%	87%	69%	11%
Native Hawaiian/Other Pacific Islander	2	0%							
White	1,136	85%	1059	540	519	71%	92%	72%	7%
Two or More Races	44	3%	1065	539	526	68%	98%	68%	2%
No Response	27	2%	924	455	469	37%	63%	41%	33%

11th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	68	2%	891	446	445	19%	44%	19%	56%
Asian	50	1%	1028	500	528	48%	64%	62%	22%
Black/African American	15	0%	895	459	435	20%	60%	20%	40%
Hispanic/Latino	210	6%	1005	509	496	44%	73%	44%	27%
Native Hawaiian/Other Pacific Islander	10	0%	975	499	476	40%	60%	40%	40%
White	2,899	82%	1074	544	530	59%	85%	61%	13%
Two or More Races	165	5%	1047	533	514	49%	81%	52%	16%
No Response	101	3%	1006	516	490	34%	72%	36%	26%

¹ Based on grade-level benchmarks.

PSAT/NMSQT and PSAT 10 Participation and Performance

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

First Language Learned

10th Grade	Test Takers			Mean Score			Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	1,257	94%	1055	537	518	70%	91%	72%	7%
English and Another Language	50	4%	984	504	480	48%	84%	50%	14%
Another Language	14	1%	1064	532	532	64%	86%	64%	14%
No Response	13	1%	970	475	495	54%	85%	54%	15%

11th Grade	Test Takers			Mean Score			Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	3,250	92%	1067	540	526	57%	84%	59%	15%
English and Another Language	148	4%	1014	513	501	42%	72%	43%	27%
Another Language	49	1%	968	458	510	43%	51%	57%	35%
No Response	71	2%	984	498	486	32%	66%	35%	31%

Highest Level of Parental Education

10th Grade	Test Takers			Mean Score			Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	15	1%	937	467	470	33%	80%	40%	13%
High School Diploma	278	21%	999	507	492	55%	84%	57%	15%
Associate Degree	83	6%	1012	513	500	67%	88%	71%	8%
Bachelor's Degree	566	42%	1067	543	524	75%	93%	76%	6%
Graduate Degree	344	26%	1096	561	535	76%	96%	77%	3%
No Response	48	4%	975	494	481	50%	77%	50%	23%

11th Grade	Test Takers			Mean Score			Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
No High School Diploma	53	2%	896	447	449	25%	45%	26%	53%
High School Diploma	845	24%	1003	510	493	40%	73%	42%	24%
Associate Degree	266	8%	1015	511	504	45%	75%	48%	22%
Bachelor's Degree	1,387	39%	1080	546	535	63%	87%	65%	11%
Graduate Degree	853	24%	1127	572	555	69%	91%	70%	8%
No Response	114	3%	955	485	470	32%	62%	35%	34%

High School Grade Point Average

10th Grade	Test Takers			Mean Score			Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	156	12%	1160	592	568	90%	99%	90%	1%
A (93–96)	517	39%	1102	561	541	84%	96%	85%	3%
A- (90–92)	295	22%	1028	524	504	67%	93%	68%	6%
B (80–89)	268	20%	955	483	471	42%	77%	45%	20%
C (70–79)	37	3%	912	461	451	27%	70%	30%	27%
D, E, or F (below 70)	4	0%							
No Response	57	4%	999	511	488	53%	86%	53%	14%

11th Grade	Test Takers			Mean Score			Met Benchmarks ¹		
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	284	8%	1225	617	608	93%	97%	94%	2%
A (93–96)	1,097	31%	1127	571	556	74%	93%	74%	6%
A- (90–92)	829	24%	1065	538	527	61%	88%	63%	10%
B (80–89)	1,023	29%	983	499	484	33%	70%	36%	26%
C (70–79)	164	5%	893	455	438	12%	47%	13%	52%
D, E, or F (below 70)	9	0%							
No Response	112	3%	968	489	480	35%	64%	38%	33%

¹ Based on grade-level benchmarks.

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

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

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	3,518	1,934	1,584	68	50	15	210	10	2,899	165

Total Score

1400–1520	3%	2%	3%	0%	4%	0%	1%	0%	3%	3%
1200–1390	16%	16%	17%	0%	14%	0%	9%	10%	18%	15%
1000–1190	48%	49%	47%	24%	40%	27%	44%	30%	50%	43%
800–990	28%	30%	27%	60%	30%	47%	37%	50%	26%	33%
600–790	5%	4%	6%	16%	12%	27%	8%	10%	4%	6%
320–590	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Section Scores - ERW

700–760	4%	4%	4%	0%	4%	0%	2%	0%	4%	4%
600–690	21%	21%	21%	0%	14%	7%	10%	20%	23%	19%
500–590	45%	47%	43%	22%	32%	13%	45%	30%	46%	43%
400–490	24%	23%	26%	59%	30%	60%	33%	40%	22%	28%
300–390	6%	5%	7%	18%	20%	20%	10%	10%	5%	5%
160–290	0%	0%	0%	1%	0%	0%	0%	0%	0%	0%

Section (Test) Scores - Math¹

700–760 (35–38)	3%	1%	5%	0%	4%	0%	2%	0%	3%	4%
600–690 (30–34.5)	16%	15%	18%	0%	18%	0%	11%	10%	18%	12%
500–590 (25–29.5)	44%	43%	44%	22%	48%	20%	35%	30%	45%	39%
400–490 (20–24.5)	32%	35%	28%	59%	20%	53%	40%	50%	29%	38%
300–390 (15–19.5)	5%	6%	5%	18%	10%	20%	10%	10%	4%	7%
160–290 (8–14.5)	0%	0%	0%	1%	0%	7%	1%	0%	0%	1%

Test Scores - Reading

35–38	5%	4%	6%	0%	2%	0%	3%	0%	5%	4%
30–34	26%	26%	26%	1%	20%	7%	17%	20%	28%	28%
25–29	41%	42%	40%	34%	26%	33%	40%	30%	42%	39%
20–24	23%	23%	23%	47%	32%	40%	30%	40%	22%	22%
15–19	5%	4%	5%	18%	20%	20%	10%	10%	4%	6%
8–14	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Test Scores - Writing and Language

35–38	4%	4%	3%	0%	6%	0%	2%	0%	4%	3%
30–34	21%	22%	19%	0%	14%	0%	10%	10%	23%	18%
25–29	44%	47%	41%	21%	36%	40%	47%	50%	45%	46%
20–24	22%	19%	25%	49%	20%	40%	28%	10%	20%	23%
15–19	9%	8%	10%	29%	20%	20%	12%	30%	7%	10%
8–14	0%	0%	1%	1%	4%	0%	0%	0%	0%	0%

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

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

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

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	1,334	802	531	21	24	5	75	2	1,136	44

Total Score

1400–1520	1%	1%	1%	0%	4%		0%		1%	0%
1200–1390	15%	13%	18%	0%	17%		11%		15%	16%
1000–1190	50%	51%	48%	24%	54%		48%		51%	50%
800–990	31%	33%	29%	52%	21%		35%		30%	34%
600–790	3%	3%	5%	24%	4%		7%		3%	0%
320–590	0%	0%	0%	0%	0%		0%		0%	0%

Section Scores - ERW

700–760	2%	2%	2%	0%	4%		0%		2%	0%
600–690	21%	21%	21%	14%	21%		20%		22%	23%
500–590	46%	48%	43%	14%	46%		43%		47%	50%
400–490	27%	26%	27%	43%	21%		29%		25%	25%
300–390	5%	3%	7%	29%	8%		8%		4%	2%
160–290	0%	0%	0%	0%	0%		0%		0%	0%

Section (Test) Scores - Math¹

700–760 (35–38)	2%	1%	2%	0%	4%		1%		2%	0%
600–690 (30–34.5)	14%	10%	19%	0%	25%		13%		13%	23%
500–590 (25–29.5)	44%	45%	44%	24%	42%		41%		45%	45%
400–490 (20–24.5)	36%	39%	32%	62%	25%		29%		36%	32%
300–390 (15–19.5)	4%	5%	4%	14%	4%		15%		3%	0%
160–290 (8–14.5)	0%	0%	0%	0%	0%		0%		0%	0%

Test Scores - Reading

35–38	4%	3%	5%	0%	8%		3%		4%	0%
30–34	26%	26%	25%	14%	29%		23%		26%	32%
25–29	45%	46%	42%	19%	46%		43%		45%	48%
20–24	23%	22%	24%	52%	13%		27%		21%	20%
15–19	3%	2%	4%	14%	4%		5%		3%	0%
8–14	0%	0%	0%	0%	0%		0%		0%	0%

Test Scores - Writing and Language

35–38	3%	3%	2%	0%	4%		0%		3%	2%
30–34	21%	22%	19%	5%	17%		17%		22%	25%
25–29	44%	46%	40%	29%	46%		43%		44%	41%
20–24	24%	23%	27%	38%	21%		24%		24%	27%
15–19	8%	6%	11%	29%	13%		15%		7%	2%
8–14	0%	0%	1%	0%	0%		1%		0%	2%

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

PSAT/NMSQT and PSAT 10 Participation and Performance: Intended College Major - 10th and 11th Grades

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

Intended College Major	10th Grade		11th Grade	
	Test Takers	Percent	Test Takers	Percent
Agriculture, Agriculture Operations, and Related Sciences	55	4%	137	4%
Architecture and Related Services	29	2%	57	2%
Area, Ethnic, Cultural, and Gender Studies	4	0%	0	0%
Biological and Biomedical Sciences	115	9%	270	8%
Business, Management, Marketing, and Related Support Services	68	5%	262	8%
Communication, Journalism, and Related Programs	16	1%	47	1%
Computer and Information Sciences and Support Services	40	3%	94	3%
Construction Trades, General	0		0	0%
Education	49	4%	155	5%
Engineering	159	13%	439	13%
Engineering Technologies/Technicians	22	2%	31	1%
English Language and Literature/Letters	17	1%	40	1%
Family and Consumer Sciences/Human Sciences	7	1%	15	0%
Foreign Languages and Literatures, General	8	1%	19	1%
Health Professions and Related Clinical Sciences	242	19%	708	21%
History, General	7	1%	21	1%
Legal Studies, General	25	2%	61	2%
Liberal Arts and Sciences, General Studies and Humanities	2	0%	12	0%
Library Science/Librarianship	0		0	0%
Mathematics and Statistics	14	1%	22	1%
Mechanic and Repair Technologies/Technicians	1	0%	0	0%
Military Technologies	13	1%	15	0%
Multi/Interdisciplinary Studies	3	0%	5	0%
Natural Resources and Conservation	13	1%	46	1%
Parks, Recreation and Leisure Studies	2	0%	12	0%
Personal And Culinary Services, General	1	0%	5	0%
Philosophy and Religious Studies	5	0%	6	0%
Physical Sciences	26	2%	39	1%
Precision Production	0		0	0%
Psychology, General	40	3%	101	3%
Public Administration and Social Service Professions	2	0%	11	0%
Security and Protective Services	34	3%	81	2%
Social Sciences	15	1%	75	2%
Theology and Religious Vocations	0		4	0%
Transportation and Materials Moving	0		0	0%
Visual and Performing Arts, General	82	6%	233	7%
Other	18	1%	74	2%
Undecided	133	10%	272	8%

PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2017-18 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

Total	Test Takers		Mean Score		
	Number	Total	ERW	Math	
Total	130	952	488	464	
Fall	90	939	481	458	
Spring	40	980	504	476	

Sex	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
Female	68	52%	955	499	457
Male	59	45%	948	476	471
No Response	3	2%			

Grade Level	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
8th Grade	60	46%	944	481	463	68%	90%	68%	10%
9th Grade	43	33%	999	512	487	70%	93%	72%	5%
Other / No Response	27	21%	893	466	427				

Total	Test Takers		Mean Score		
	Number	Percent	Total	ERW	Math
American Indian/Alaska Native	2	2%			
Asian	1	1%			
Black/African American	0				
Hispanic/Latino	10	8%	869	452	417
Native Hawaiian/Other Pacific Islander	0				
White	108	83%	957	490	467
Two or More Races	5	4%			
No Response	4	3%			

8th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	1	2%							
Asian	1	2%							
Black/African American	0								
Hispanic/Latino	2	3%							
Native Hawaiian/Other Pacific Islander	0								
White	53	88%	945	479	465	68%	91%	68%	9%
Two or More Races	2	3%							
No Response	1	2%							

9th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
American Indian/Alaska Native	1	2%							
Asian	0								
Black/African American	0								
Hispanic/Latino	4	9%							
Native Hawaiian/Other Pacific Islander	0								
White	35	81%	1019	522	497	77%	94%	80%	3%
Two or More Races	2	5%							
No Response	1	2%							

¹Based on grade-level benchmarks.

PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2017-18 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

First Language Learned

8th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	57	95%	945	481	464	70%	91%	70%	9%
English and Another Language	2	3%							
Another Language	0								
No Response	1	2%							

9th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
English Only	40	93%	1005	515	490	73%	93%	75%	5%
English and Another Language	2	5%							
Another Language	1	2%							
No Response	0								

High School Grade Point Average

8th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	4	7%							
A (93–96)	21	35%	964	493	471	81%	95%	81%	5%
A- (90–92)	20	33%	929	467	462	60%	95%	60%	5%
B (80–89)	7	12%							
C (70–79)	3	5%							
D, E, or F (below 70)	0								
No Response	5	8%							

9th Grade	Test Takers		Mean Score			Met Benchmarks ¹			
	Number	Percent	Total	ERW	Math	Both	ERW	Math	None
A+ (97–100)	3	7%							
A (93–96)	2	5%							
A- (90–92)	8	19%							
B (80–89)	12	28%	953	484	469	58%	83%	67%	8%
C (70–79)	2	5%							
D, E, or F (below 70)	1	2%							
No Response	15	35%	991	510	481	73%	93%	73%	7%

¹ Based on grade-level benchmarks.

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

Data reflect students who took the PSAT 8/9 during the 2017-18 school year. If a student took the PSAT 8/9 more than once, the most recent score and self-reported questionnaire responses are summarized.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	43	18	25	1	0	0	4	0	35	2

Total Score

1400–1440	0%	0%	0%						0%	
1200–1390	7%	6%	8%						9%	
1000–1190	44%	39%	48%						49%	
800–990	47%	56%	40%						43%	
600–790	2%	0%	4%						0%	
240–590	0%	0%	0%						0%	

Section Scores - ERW

700–720	0%	0%	0%						0%	
600–690	12%	17%	8%						14%	
500–590	49%	56%	44%						54%	
400–490	35%	28%	40%						29%	
300–390	5%	0%	8%						3%	
120–290	0%	0%	0%						0%	

Section (Test) Scores - Math¹

700–720 (35–36)	0%	0%	0%						0%	
600–690 (30–34.5)	7%	0%	12%						9%	
500–590 (25–29.5)	37%	28%	44%						37%	
400–490 (20–24.5)	44%	56%	36%						49%	
300–390 (15–19.5)	12%	17%	8%						6%	
120–290 (6–14.5)	0%	0%	0%						0%	

Test Scores - Reading

35–36	0%	0%	0%						0%	
30–34	14%	17%	12%						17%	
25–29	56%	67%	48%						54%	
20–24	28%	17%	36%						29%	
15–19	2%	0%	4%						0%	
6–14	0%	0%	0%						0%	

Test Scores - Writing and Language

35–36	0%	0%	0%						0%	
30–34	14%	17%	12%						17%	
25–29	44%	50%	40%						49%	
20–24	33%	28%	36%						26%	
15–19	9%	6%	12%						9%	
6–14	0%	0%	0%						0%	

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

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

Data reflect students who took the PSAT 8/9 during the 2017-18 school year. If a student took the PSAT 8/9 more than once, the most recent score and self-reported questionnaire responses are summarized.

	Total Students	Female	Male	American Indian	Asian	African American	Hispanic	Native Hawaiian	White	Two or More Races
Test Takers	60	33	27	1	1	0	2	0	53	2

Total Score

1400–1440	0%	0%	0%						0%	
1200–1390	5%	9%	0%						6%	
1000–1190	28%	27%	30%						26%	
800–990	50%	52%	48%						51%	
600–790	15%	12%	19%						15%	
240–590	2%	0%	4%						2%	

Section Scores - ERW

700–720	0%	0%	0%						0%	
600–690	7%	12%	0%						8%	
500–590	37%	39%	33%						34%	
400–490	38%	33%	44%						40%	
300–390	18%	15%	22%						19%	
120–290	0%	0%	0%						0%	

Section (Test) Scores - Math¹

700–720 (35–36)	0%	0%	0%						0%	
600–690 (30–34.5)	7%	6%	7%						8%	
500–590 (25–29.5)	28%	27%	30%						28%	
400–490 (20–24.5)	47%	48%	44%						47%	
300–390 (15–19.5)	17%	18%	15%						15%	
120–290 (6–14.5)	2%	0%	4%						2%	

Test Scores - Reading

35–36	2%	3%	0%						2%	
30–34	8%	15%	0%						9%	
25–29	45%	42%	48%						40%	
20–24	33%	30%	37%						38%	
15–19	12%	9%	15%						11%	
6–14	0%	0%	0%						0%	

Test Scores - Writing and Language

35–36	2%	3%	0%						2%	
30–34	5%	9%	0%						6%	
25–29	33%	36%	30%						32%	
20–24	45%	36%	56%						45%	
15–19	15%	15%	15%						15%	
6–14	0%	0%	0%						0%	

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

SAT Suite Performance: Interquartile Ranges

Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group. SAT data reflect 2018 high school graduates who took the new SAT during high school. PSAT/NMSQT and PSAT 10 data reflect 10th or 11th grade students who took the PSAT/NMSQT and/or PSAT 10 during the 2017-18 school year. PSAT 8/9 data reflect 8th or 9th grade students who took the PSAT 8/9 during the 2017-18 school year. If a student took the respective assessment more than once, the most recent score is summarized.

SAT

Percentile	Total	Section		Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
		ERW	Math					
75th	1320	670	660	34	33	33	33	34
50th	1190	610	590	31	30	29.5	30	31
25th	1080	540	530	27	27	26.5	27	28

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	1170	590	580	30	29	29	30	30
50th	1060	540	520	27	27	26	27	27
25th	950	480	470	24	23	23.5	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	1150	590	570	30	29	28.5	30	30
50th	1050	540	510	27	27	25.5	27	27
25th	950	480	460	24	23	23	23	23

PSAT 8/9 - Grade 9

Percentile	Total	Section		Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
		ERW	Math					
75th	1060	540	520	27	28	26	28	28
50th	990	510	470	25	25	23.5	25	26
25th	900	470	430	24	22	21.5	21	23

PSAT 8/9 - Grade 8

Percentile	Total	Section		Reading	Writing and Language	Math	Analysis in History/ Social Studies	Analysis in Science
		ERW	Math					
75th	1020	520	520	27	26	26	26	27
50th	950	470	460	25	23	23	23	24
25th	830	430	400	21	20	20	20	21