# CollegeBoard

**2019**

# SAT Suite of Assessments Annual Report

| SAT® | PSAT/NMSQT® | PSAT™10 | PSAT™8/9 |

## Pennsylvania

## About This Report

This report presents data on students in the class of 2019 who took the current SAT® during high school, as well as takers of PSAT-related assessments—the PSAT/NMSQT®, PSAT™ 10, and PSAT™ 8/9—during the 2018-19 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

### 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.

### Caveat on Using the Data

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

### Statistical Definitions

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

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

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

## College and Career Readiness Benchmarks

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

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

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

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

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

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

## About the College Board

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

## 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.

**259,755** test takers completed the SAT or a PSAT-related assessment (PSAT/NMSQT, PSAT 10, or PSAT 8/9) in the 2018-19 school year.

### Class of 2019

| | |
|---|---|
| SAT Takers[1] | 95,794 |
| High School Graduates[2] | 137,709 |
| SAT Participation Rate | 70% |
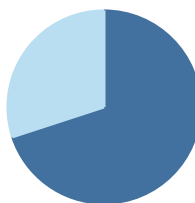
70% of graduates in the class of 2019 took the SAT during high school

### Class of 2020

| | |
|---|---|
| PSAT/NMSQT Takers[3] | 77,696 |
| 11th-Grade Enrollment[2] | 144,142 |
| Participation Rate | 54% |
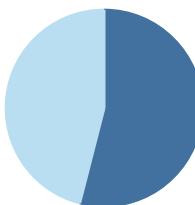
54% of 11th graders took the PSAT/NMSQT last fall

### Class of 2021

| | |
|---|---|
| PSAT/NMSQT or PSAT 10 Takers[3] | 72,275 |
| 10th-Grade Enrollment[2] | 153,370 |
| Participation Rate | 47% |
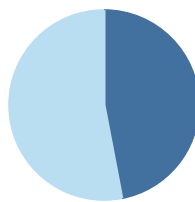
47% of 10th graders took the PSAT/NMSQT or PSAT 10 in 2018-19

### Class of 2022

| | |
|---|---|
| PSAT 8/9 Takers[3] | 21,615 |
| 9th-Grade Enrollment[2] | 159,097 |
| Participation Rate | 14% |
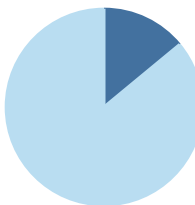
14% of 9th graders took the PSAT 8/9 in 2018-19

### Class of 2023

| | |
|---|---|
| PSAT 8/9 Takers[3] | 2,901 |
| 8th-Grade Enrollment[2] | 148,902 |
| Participation Rate | 2% |
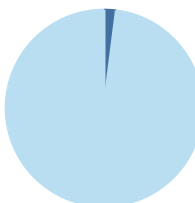
2% of 8th graders took the PSAT 8/9 in 2018-19

[1] Reflects 2019 high school graduates who took the current SAT during high school.
[2] Knocking at the College Door, WICHE, December 2016.
[3] PSAT-related assessment data reflect students who tested during the 2018-19 school year.

## SAT Participation and Performance

Data reflect 2019 high school graduates who took the current 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 | 95,794 | | 1082 | 545 | 537 | 50% | 75% | 52% | 23% |
| Took Essay¹ | 45,457 | 47% | 1140 | 574 | 566 | 61% | 84% | 63% | 15% |

| **Race / Ethnicity** | **Test Takers** | | **Mean Score** | | | | **Met Benchmarks** | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| American Indian/Alaska Native | 287 | 0% | 956 | 479 | 477 | 25% | 47% | 29% | 49% |
| Asian | 5,603 | 6% | 1202 | 581 | 621 | 71% | 81% | 77% | 14% |
| Black/African American | 9,820 | 10% | 911 | 464 | 447 | 17% | 41% | 18% | 58% |
| Hispanic/Latino | 8,967 | 9% | 979 | 498 | 481 | 29% | 56% | 31% | 42% |
| Native Hawaiian/Other Pacific Islander | 65 | 0% | 962 | 484 | 478 | 26% | 52% | 29% | 45% |
| White | 64,724 | 68% | 1119 | 564 | 554 | 58% | 84% | 60% | 15% |
| Two or More Races | 3,657 | 4% | 1071 | 543 | 528 | 45% | 74% | 47% | 25% |
| No Response | 2,671 | 3% | 945 | 479 | 466 | 26% | 46% | 28% | 52% |

| **Sex** | **Test Takers** | | **Mean Score** | | | | **Met Benchmarks** | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| Female | 51,863 | 54% | 1070 | 545 | 525 | 46% | 75% | 48% | 23% |
| Male | 43,902 | 46% | 1097 | 546 | 551 | 55% | 75% | 58% | 23% |
| No Response | 29 | 0% | 805 | 409 | 396 | 10% | 14% | 10% | 86% |

| **First Language Learned** | **Test Takers** | | **Mean Score** | | | | **Met Benchmarks** | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| English Only | 81,234 | 85% | 1090 | 551 | 539 | 52% | 78% | 54% | 21% |
| English and Another Language | 8,400 | 9% | 1057 | 528 | 529 | 44% | 65% | 46% | 33% |
| Another Language | 4,413 | 5% | 1076 | 523 | 553 | 48% | 62% | 54% | 32% |
| No Response | 1,747 | 2% | 864 | 438 | 426 | 15% | 29% | 17% | 69% |

| **Highest Level of Parental Education** | **Test Takers** | | **Mean Score** | | | | **Met Benchmarks** | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| No High School Diploma | 3,586 | 4% | 933 | 467 | 466 | 22% | 43% | 26% | 54% |
| High School Diploma | 26,690 | 28% | 1010 | 511 | 499 | 34% | 64% | 37% | 34% |
| Associate Degree | 8,066 | 8% | 1046 | 529 | 517 | 43% | 73% | 45% | 25% |
| Bachelor's Degree | 31,504 | 33% | 1122 | 565 | 557 | 60% | 84% | 62% | 14% |
| Graduate Degree | 22,108 | 23% | 1186 | 596 | 590 | 70% | 89% | 71% | 10% |
| No Response | 3,840 | 4% | 873 | 443 | 430 | 15% | 32% | 17% | 66% |

| **SAT Fee Waiver²** | **Test Takers** | | **Mean Score** | | | | **Met Benchmarks** | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| Used at any point | 20,516 | 21% | 981 | 497 | 484 | 28% | 56% | 30% | 42% |
| Did not use | 75,278 | 79% | 1109 | 558 | 551 | 56% | 80% | 58% | 18% |

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.

² Reflects students who used a fee waiver for an SAT or Subject Test registration at any point.  Caution is warranted if using fee waiver usage to estimate participation and performance for low-income students.  For example, fee-waiver usage will likely understate low-income participation in locations in which students participate in SAT School Day under a district or state contract.

## SAT Participation and Performance: Score Distributions

Data reflect 2019 high school graduates who took the current 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 | 6,017 | 6% | | 700–800 | 6,262 | 7% | 7,956 | 8% | |
| 1200–1390 | 20,939 | 22% | | 600–690 | 24,522 | 26% | 18,429 | 19% | |
| 1000–1190 | 36,932 | 39% | | 500–590 | 34,698 | 36% | 36,514 | 38% | |
| 800–990 | 24,835 | 26% | | 400–490 | 24,005 | 25% | 23,785 | 25% | |
| 600–790 | 6,861 | 7% | | 300–390 | 6,042 | 6% | 8,646 | 9% | |
| 400–590 | 210 | | | 200–290 | 265 | | 464 | | |
| Mean | 1082 | | | Mean | 545 | | 537 | | |
| SD | 195 | | | SD | 98 | | 107 | | |

### Cross-Test Scores

| | Analysis in History/Social Studies | Analysis in Science |
|---|---|---|
| 35–40 | 7,334 | 8,488 |
| 30–34 | 24,074 | 27,841 |
| 25–29 | 37,524 | 32,598 |
| 20–24 | 20,673 | 20,620 |
| 15–19 | 5,665 | 5,847 |
| 10–14 | 524 | 400 |
| Mean | 27 | 28 |
| SD | 5 | 5 |

### Test Scores

| | Reading | Writing and Language | Math |
|---|---|---|---|
| 35–40 | 7,326 | 7,506 | 7,956 |
| 30–34.5 | 27,055 | 24,485 | 18,429 |
| 25–29.5 | 34,853 | 31,673 | 36,514 |
| 20–24.5 | 21,252 | 24,459 | 23,785 |
| 15–19.5 | 4,981 | 7,199 | 8,646 |
| 10–14.5 | 327 | 472 | 464 |
| Mean | 27 | 27 | 27 |
| SD | 5 | 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 | 10,988 | 12,176 | 14,245 | 10,497 | 10,256 | 13,900 | 12,531 |
| 10–12 | 38,749 | 31,635 | 32,657 | 27,247 | 26,784 | 30,240 | 26,238 |
| 7–9 | 30,988 | 36,942 | 34,415 | 30,900 | 41,929 | 30,146 | 36,168 |
| 4–6 | 12,151 | 14,487 | 13,349 | 23,500 | 14,867 | 15,827 | 17,936 |
| 1–3 | 2,918 | 554 | 1,128 | 3,650 | 1,958 | 5,681 | 2,921 |
| Mean | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| SD | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

### Essay[1]

| | 8 | 7 | 6 | 5 | 4 | 3 | 2 | Mean | SD |
|---|---|---|---|---|---|---|---|---|---|
| Reading | 365 | 1,682 | 14,190 | 11,229 | 13,299 | 3,110 | 1,582 | 5 | 1 |
| Analysis | 45 | 411 | 3,039 | 6,764 | 14,130 | 9,308 | 11,760 | 4 | 1 |
| Writing | 657 | 2,524 | 20,843 | 9,553 | 9,707 | 1,443 | 730 | 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 2019 high school graduates who took the current 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** | 95,794 | 51,863 | 43,902 | 287 | 5,603 | 9,820 | 8,967 | 65 | 64,724 | 3,657 |

### Total Score

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1400–1600 | 6% | 5% | 8% | 2% | 23% | 1% | 3% | 2% | 6% | 7% |
| 1200–1390 | 22% | 20% | 24% | 9% | 30% | 5% | 11% | 11% | 26% | 18% |
| 1000–1190 | 39% | 40% | 37% | 29% | 27% | 23% | 31% | 32% | 44% | 37% |
| 800–990 | 26% | 28% | 24% | 43% | 15% | 45% | 38% | 29% | 22% | 31% |
| 600–790 | 7% | 7% | 7% | 18% | 4% | 25% | 17% | 26% | 2% | 7% |
| 400–590 | 0% | 0% | 0% | 0% | 0% | 1% | 0% | 0% | 0% | 0% |

### Section Scores - ERW

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 700–800 | 7% | 6% | 7% | 1% | 17% | 1% | 3% | 2% | 7% | 7% |
| 600–690 | 26% | 25% | 26% | 9% | 31% | 8% | 15% | 14% | 30% | 23% |
| 500–590 | 36% | 37% | 35% | 28% | 29% | 24% | 30% | 31% | 40% | 35% |
| 400–490 | 25% | 26% | 24% | 45% | 18% | 45% | 36% | 29% | 20% | 29% |
| 300–390 | 6% | 6% | 7% | 16% | 5% | 21% | 15% | 23% | 2% | 5% |
| 200–290 | 0% | 0% | 0% | 1% | 0% | 1% | 1% | 2% | 0% | 0% |

### Section (Test) Scores - Math[1]

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 700–800 (35–40) | 8% | 6% | 11% | 2% | 33% | 1% | 3% | 2% | 8% | 8% |
| 600–690 (30–34.5) | 19% | 17% | 22% | 8% | 25% | 5% | 10% | 9% | 23% | 16% |
| 500–590 (25–29.5) | 38% | 39% | 37% | 34% | 25% | 23% | 31% | 35% | 43% | 37% |
| 400–490 (20–24.5) | 25% | 28% | 21% | 34% | 12% | 40% | 35% | 34% | 22% | 29% |
| 300–390 (15–19.5) | 9% | 10% | 8% | 18% | 5% | 29% | 20% | 18% | 4% | 9% |
| 200–290 (10–14.5) | 0% | 0% | 1% | 2% | 0% | 2% | 1% | 2% | 0% | 0% |

### Test Scores - Reading

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35–40 | 8% | 7% | 9% | 2% | 17% | 1% | 4% | 3% | 9% | 9% |
| 30–34 | 28% | 27% | 29% | 12% | 32% | 10% | 17% | 14% | 33% | 26% |
| 25–29 | 36% | 38% | 35% | 32% | 29% | 29% | 34% | 35% | 39% | 36% |
| 20–24 | 22% | 23% | 21% | 40% | 18% | 41% | 33% | 31% | 17% | 25% |
| 15–19 | 5% | 5% | 5% | 12% | 5% | 18% | 12% | 15% | 2% | 4% |
| 10–14 | 0% | 0% | 0% | 1% | 0% | 2% | 1% | 2% | 0% | 0% |

### Test Scores - Writing and Language

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35–40 | 8% | 8% | 8% | 1% | 20% | 1% | 4% | 0% | 8% | 8% |
| 30–34 | 26% | 26% | 25% | 12% | 31% | 9% | 15% | 18% | 30% | 23% |
| 25–29 | 33% | 34% | 32% | 21% | 25% | 22% | 28% | 22% | 37% | 33% |
| 20–24 | 26% | 25% | 26% | 47% | 17% | 42% | 36% | 37% | 22% | 29% |
| 15–19 | 8% | 7% | 8% | 18% | 6% | 23% | 16% | 22% | 3% | 7% |
| 10–14 | 0% | 0% | 1% | 1% | 0% | 2% | 1% | 2% | 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 2019 high school graduates who took the current SAT during high school. If a student took the SAT more than once, the most recent score is summarized.

| | | | | Mean Score | |
| Intended College Major | Test Takers | Percent | Total | ERW | Math |
|---|---|---|---|---|---|
| Agriculture, Agriculture Operations, and Related Sciences | 766 | 1% | 1024 | 519 | 505 |
| Architecture and Related Services | 1,004 | 1% | 1090 | 541 | 548 |
| Area, Ethnic, Cultural, and Gender Studies | 92 | 0% | 1035 | 536 | 499 |
| Biological and Biomedical Sciences | 7,257 | 9% | 1150 | 579 | 571 |
| Business, Management, Marketing, and Related Support Services | 10,666 | 13% | 1089 | 543 | 546 |
| Communication, Journalism, and Related Programs | 1,908 | 2% | 1076 | 555 | 521 |
| Computer and Information Sciences and Support Services | 3,561 | 4% | 1153 | 573 | 580 |
| Construction Trades, General | 113 | 0% | 991 | 500 | 491 |
| Education | 4,744 | 6% | 1048 | 533 | 515 |
| Engineering | 8,095 | 10% | 1189 | 583 | 606 |
| Engineering Technologies/Technicians | 1,095 | 1% | 1074 | 530 | 544 |
| English Language and Literature/Letters | 795 | 1% | 1140 | 599 | 541 |
| Family and Consumer Sciences/Human Sciences | 241 | 0% | 1011 | 516 | 495 |
| Foreign Languages and Literatures, General | 472 | 1% | 1151 | 590 | 561 |
| Health Professions and Related Clinical Sciences | 16,438 | 20% | 1069 | 540 | 529 |
| History, General | 723 | 1% | 1106 | 576 | 530 |
| Legal Studies, General | 1,611 | 2% | 1111 | 569 | 542 |
| Liberal Arts and Sciences, General Studies and Humanities | 392 | 0% | 1131 | 582 | 549 |
| Library Science/Librarianship | 14 | 0% | 1119 | 586 | 532 |
| Mathematics and Statistics | 922 | 1% | 1245 | 600 | 645 |
| Mechanic and Repair Technologies/Technicians | 157 | 0% | 986 | 491 | 495 |
| Military Technologies | 251 | 0% | 1046 | 527 | 520 |
| Multi/Interdisciplinary Studies | 102 | 0% | 1196 | 603 | 593 |
| Natural Resources and Conservation | 567 | 1% | 1129 | 576 | 554 |
| Parks, Recreation and Leisure Studies | 531 | 1% | 1007 | 505 | 502 |
| Personal And Culinary Services, General | 181 | 0% | 965 | 488 | 477 |
| Philosophy and Religious Studies | 113 | 0% | 1151 | 589 | 562 |
| Physical Sciences | 1,405 | 2% | 1213 | 604 | 610 |
| Precision Production | 9 | 0% | | | |
| Psychology, General | 3,630 | 4% | 1062 | 547 | 515 |
| Public Administration and Social Service Professions | 323 | 0% | 1021 | 525 | 496 |
| Security and Protective Services | 2,832 | 3% | 1008 | 512 | 496 |
| Social Sciences | 1,464 | 2% | 1174 | 602 | 572 |
| Theology and Religious Vocations | 87 | 0% | 1112 | 567 | 545 |
| Transportation and Materials Moving | 48 | 0% | 1052 | 527 | 525 |
| Visual and Performing Arts, General | 5,020 | 6% | 1072 | 552 | 520 |
| Other | 1,092 | 1% | 1000 | 507 | 493 |
| Undecided | 5,555 | 7% | 1100 | 554 | 546 |

| Degree-Level Goal | | | | | |
|---|---|---|---|---|---|
| Certificate Program | 556 | 1% | 946 | 475 | 470 |
| Associate Degree | 1,427 | 2% | 926 | 470 | 456 |
| Bachelor's Degree | 27,948 | 34% | 1053 | 531 | 521 |
| Master's Degree | 25,219 | 30% | 1127 | 567 | 560 |
| Doctoral or Related Degree | 15,937 | 19% | 1167 | 588 | 580 |
| Other | 392 | 0% | 935 | 472 | 463 |
| Undecided | 11,658 | 14% | 1090 | 550 | 540 |

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

Of the 95,794 students from Pennsylvania who took the SAT, 68,868 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the institutions that received the most score reports. A total of 3,132 institutions received score reports from Pennsylvania students.

| Institution | State | Type | Number of Students | % of Score Senders[1] |
|---|---|---|---|---|
| Penn State University Park | PA | Public College | 26,815 | 38.9% |
| Temple University | PA | Public College | 13,563 | 19.7% |
| University of Pittsburgh | PA | Public College | 13,197 | 19.2% |
| West Chester University of Pennsylvania | PA | Public College | 11,028 | 16.0% |
| Drexel University | PA | Private College | 8,031 | 11.7% |
| Bloomsburg University of Pennsylvania | PA | Public College | 5,966 | 8.7% |
| Indiana University of Pennsylvania | PA | Public College | 5,670 | 8.2% |
| Kutztown University of Pennsylvania | PA | Public College | 4,825 | 7.0% |
| Millersville University of Pennsylvania | PA | Public College | 4,551 | 6.6% |
| University of Pennsylvania | PA | Private College | 4,431 | 6.4% |
| Shippensburg University of Pennsylvania | PA | Public College | 4,275 | 6.2% |
| NCAA Eligibility Center | IN | Public College | 4,273 | 6.2% |
| University of Delaware | DE | Public College | 3,668 | 5.3% |
| Villanova University | PA | Private College | 3,642 | 5.3% |
| Duquesne University | PA | Private College | 3,439 | 5.0% |
| Slippery Rock University of Pennsylvania | PA | Public College | 3,323 | 4.8% |
| Robert Morris University | PA | Private College | 3,203 | 4.7% |
| Lehigh University | PA | Private College | 3,137 | 4.6% |
| Arcadia University | PA | Private College | 2,928 | 4.3% |
| West Virginia University | WV | Public College | 2,819 | 4.1% |
| La Salle University | PA | Private College | 2,748 | 4.0% |
| Saint Joseph's University | PA | Private College | 2,592 | 3.8% |
| Carnegie Mellon University | PA | Private College | 2,511 | 3.6% |
| New York University | NY | Private College | 2,507 | 3.6% |
| Widener University | PA | Private College | 2,444 | 3.5% |
| East Stroudsburg University of Pennsylvania | PA | Public College | 2,405 | 3.5% |
| University of Scranton | PA | Private College | 2,063 | 3.0% |
| Boston University | MA | Private College | 2,052 | 3.0% |
| Cornell University | NY | Private College | 1,948 | 2.8% |
| University of Maryland: College Park | MD | Public College | 1,927 | 2.8% |
| Ohio State University: Columbus Campus | OH | Public College | 1,880 | 2.7% |
| California University of Pennsylvania | PA | Public College | 1,812 | 2.6% |
| Thomas Jefferson University: East Falls | PA | Private College | 1,775 | 2.6% |
| Bucknell University | PA | Private College | 1,742 | 2.5% |
| University of Michigan | MI | Public College | 1,633 | 2.4% |
| York College of Pennsylvania | PA | Private College | 1,613 | 2.3% |
| Northeastern University | MA | Private College | 1,601 | 2.3% |
| Syracuse University | NY | Private College | 1,585 | 2.3% |
| Princeton University | NJ | Private College | 1,554 | 2.3% |
| Lock Haven University of Pennsylvania | PA | Public College | 1,500 | 2.2% |
| Fordham University | NY | Private College | 1,459 | 2.1% |
| University of North Carolina at Chapel Hill | NC | Public College | 1,423 | 2.1% |
| Edinboro University of Pennsylvania | PA | Public College | 1,413 | 2.1% |
| Wilkes University | PA | Private College | 1,382 | 2.0% |
| Clarion University of Pennsylvania | PA | Public College | 1,364 | 2.0% |

[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 2018-19 school year. If a student tested more than once, the most recent score and self-reported questionnaire responses are summarized.

### Total

| Total | Test Takers | | Mean Score | | |
|---|---|---|---|---|---|
| | Number | | Total | ERW | Math |
| Total | 153,503 | | 990 | 499 | 491 |
| PSAT/NMSQT | 146,764 | | 989 | 499 | 491 |
| PSAT 10 | 6,949 | | 1003 | 509 | 494 |

### Sex

| Sex | Test Takers | | Mean Score | | |
|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math |
| Female | 79,494 | 52% | 997 | 509 | 488 |
| Male | 72,936 | 48% | 985 | 490 | 495 |
| No Response | 1,073 | 1% | 787 | 394 | 393 |

### Grade Level

| Grade Level | Test Takers | | Mean Score | | | Met Benchmarks[1] | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| 10th Grade | 72,275 | 47% | 970 | 489 | 481 | 51% | 71% | 53% | 27% |
| 11th Grade | 77,707 | 51% | 1011 | 510 | 501 | 44% | 69% | 46% | 29% |
| Other/No Response | 3,521 | 2% | 943 | 476 | 466 | | | | |

### Race/Ethnicity

| Total | Test Takers | | Mean Score | | |
|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math |
| American Indian/Alaska Native | 1,324 | 1% | 838 | 417 | 421 |
| Asian | 9,372 | 6% | 1113 | 547 | 567 |
| Black/African American | 14,142 | 9% | 846 | 425 | 421 |
| Hispanic/Latino | 15,287 | 10% | 893 | 450 | 443 |
| Native Hawaiian/Other Pacific Islander | 181 | 0% | 869 | 433 | 436 |
| White | 93,680 | 61% | 1038 | 526 | 513 |
| Two or More Races | 5,919 | 4% | 998 | 505 | 493 |
| No Response | 13,598 | 9% | 846 | 424 | 422 |

| 10th Grade | Test Takers | | Mean Score | | | Met Benchmarks[1] | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| American Indian/Alaska Native | 778 | 1% | 832 | 414 | 419 | 21% | 42% | 24% | 56% |
| Asian | 4,420 | 6% | 1084 | 534 | 549 | 72% | 83% | 76% | 13% |
| Black/African American | 6,332 | 9% | 831 | 417 | 414 | 20% | 43% | 22% | 55% |
| Hispanic/Latino | 6,701 | 9% | 880 | 443 | 437 | 29% | 53% | 32% | 45% |
| Native Hawaiian/Other Pacific Islander | 101 | 0% | 880 | 438 | 441 | 32% | 55% | 33% | 44% |
| White | 42,444 | 59% | 1019 | 516 | 503 | 62% | 83% | 64% | 15% |
| Two or More Races | 2,742 | 4% | 980 | 496 | 484 | 51% | 73% | 53% | 25% |
| No Response | 8,757 | 12% | 850 | 426 | 424 | 27% | 45% | 30% | 53% |

| 11th Grade | Test Takers | | Mean Score | | | Met Benchmarks[1] | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| American Indian/Alaska Native | 505 | 1% | 847 | 422 | 425 | 13% | 32% | 16% | 65% |
| Asian | 4,765 | 6% | 1142 | 559 | 583 | 66% | 80% | 71% | 15% |
| Black/African American | 7,610 | 10% | 859 | 432 | 427 | 16% | 39% | 17% | 60% |
| Hispanic/Latino | 8,311 | 11% | 904 | 457 | 448 | 23% | 48% | 24% | 51% |
| Native Hawaiian/Other Pacific Islander | 76 | 0% | 856 | 428 | 428 | 21% | 36% | 26% | 59% |
| White | 49,338 | 63% | 1056 | 535 | 521 | 53% | 80% | 54% | 19% |
| Two or More Races | 3,056 | 4% | 1016 | 514 | 502 | 43% | 71% | 45% | 27% |
| No Response | 4,046 | 5% | 837 | 420 | 417 | 16% | 33% | 17% | 66% |

[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 2018-19 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 | 53,635 | 74% | 989 | 500 | 489 | 55% | 76% | 57% | 22% |
| English and Another Language | 7,847 | 11% | 963 | 482 | 481 | 47% | 67% | 50% | 31% |
| Another Language | 2,321 | 3% | 954 | 468 | 486 | 45% | 60% | 50% | 34% |
| No Response | 8,472 | 12% | 858 | 429 | 429 | 29% | 46% | 32% | 51% |

| 11th Grade | Test Takers | | Mean Score | | | | Met Benchmarks[1] | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| English Only | 62,928 | 81% | 1026 | 519 | 507 | 47% | 73% | 48% | 25% |
| English and Another Language | 8,248 | 11% | 985 | 494 | 492 | 38% | 60% | 39% | 38% |
| Another Language | 3,482 | 4% | 989 | 482 | 506 | 40% | 55% | 46% | 39% |
| No Response | 3,049 | 4% | 804 | 402 | 402 | 11% | 26% | 12% | 72% |

### 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 | 2,570 | 4% | 846 | 420 | 426 | 23% | 43% | 27% | 54% |
| High School Diploma | 16,556 | 23% | 912 | 459 | 453 | 37% | 62% | 39% | 35% |
| Associate Degree | 3,833 | 5% | 946 | 476 | 469 | 45% | 70% | 48% | 27% |
| Bachelor's Degree | 22,427 | 31% | 1027 | 519 | 508 | 64% | 84% | 67% | 13% |
| Graduate Degree | 14,504 | 20% | 1080 | 546 | 533 | 73% | 88% | 74% | 10% |
| No Response | 12,385 | 17% | 847 | 424 | 423 | 26% | 45% | 29% | 53% |

| 11th Grade | Test Takers | | Mean Score | | | | Met Benchmarks[1] | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| No High School Diploma | 3,545 | 5% | 864 | 428 | 436 | 18% | 36% | 20% | 62% |
| High School Diploma | 21,775 | 28% | 936 | 471 | 464 | 28% | 56% | 30% | 42% |
| Associate Degree | 5,563 | 7% | 976 | 494 | 482 | 35% | 67% | 37% | 31% |
| Bachelor's Degree | 24,800 | 32% | 1063 | 537 | 525 | 55% | 81% | 57% | 17% |
| Graduate Degree | 17,527 | 23% | 1129 | 571 | 558 | 66% | 87% | 68% | 11% |
| No Response | 4,497 | 6% | 792 | 396 | 396 | 8% | 23% | 10% | 75% |

### 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) | 6,415 | 9% | 1139 | 576 | 563 | 85% | 93% | 86% | 6% |
| A (93–96) | 18,019 | 25% | 1069 | 542 | 527 | 74% | 89% | 75% | 9% |
| A- (90–92) | 13,590 | 19% | 1002 | 507 | 496 | 60% | 83% | 62% | 14% |
| B (80–89) | 20,841 | 29% | 898 | 451 | 447 | 32% | 61% | 35% | 36% |
| C (70–79) | 3,914 | 5% | 785 | 391 | 395 | 9% | 27% | 12% | 70% |
| D, E, or F (below 70) | 370 | 1% | 743 | 369 | 374 | 5% | 18% | 6% | 81% |
| No Response | 9,126 | 13% | 859 | 430 | 429 | 29% | 46% | 32% | 51% |

| 11th Grade | Test Takers | | Mean Score | | | | Met Benchmarks[1] | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| A+ (97–100) | 7,283 | 9% | 1194 | 603 | 591 | 81% | 93% | 82% | 7% |
| A (93–96) | 18,398 | 24% | 1117 | 565 | 552 | 67% | 87% | 68% | 11% |
| A- (90–92) | 15,283 | 20% | 1048 | 530 | 518 | 52% | 81% | 54% | 18% |
| B (80–89) | 27,345 | 35% | 938 | 473 | 465 | 26% | 58% | 29% | 39% |
| C (70–79) | 5,280 | 7% | 823 | 411 | 412 | 8% | 28% | 10% | 70% |
| D, E, or F (below 70) | 387 | 0% | 753 | 377 | 376 | 4% | 17% | 5% | 82% |
| No Response | 3,731 | 5% | 813 | 407 | 406 | 12% | 28% | 13% | 70% |

[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 2018-19 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Test Takers** | 77,707 | 40,122 | 37,369 | 505 | 4,765 | 7,610 | 8,311 | 76 | 49,338 | 3,056 |
| **Total Score** | | | | | | | | | | |
| 1400–1520 | 3% | 3% | 4% | 0% | 17% | 0% | 1% | 3% | 3% | 4% |
| 1200–1390 | 15% | 15% | 16% | 1% | 26% | 4% | 7% | 4% | 19% | 15% |
| 1000–1190 | 35% | 37% | 32% | 15% | 31% | 18% | 23% | 16% | 42% | 34% |
| 800–990 | 31% | 32% | 29% | 44% | 20% | 38% | 37% | 34% | 29% | 34% |
| 600–790 | 15% | 13% | 17% | 37% | 7% | 36% | 30% | 39% | 7% | 13% |
| 320–590 | 1% | 1% | 1% | 3% | 0% | 4% | 2% | 4% | 0% | 1% |
| **Section Scores - ERW** | | | | | | | | | | |
| 700–760 | 4% | 4% | 4% | 1% | 14% | 1% | 1% | 5% | 4% | 5% |
| 600–690 | 19% | 20% | 18% | 2% | 28% | 5% | 10% | 3% | 23% | 18% |
| 500–590 | 34% | 36% | 32% | 18% | 30% | 20% | 25% | 20% | 40% | 35% |
| 400–490 | 25% | 26% | 25% | 36% | 18% | 34% | 31% | 22% | 24% | 26% |
| 300–390 | 16% | 13% | 19% | 40% | 10% | 36% | 31% | 43% | 9% | 15% |
| 160–290 | 1% | 1% | 2% | 3% | 1% | 5% | 2% | 7% | 0% | 1% |
| **Section (Test) Scores - Math[1]** | | | | | | | | | | |
| 700–760 (35–38) | 5% | 4% | 7% | 0% | 25% | 1% | 2% | 3% | 5% | 6% |
| 600–690 (30–34.5) | 13% | 11% | 14% | 2% | 21% | 3% | 5% | 1% | 15% | 12% |
| 500–590 (25–29.5) | 31% | 32% | 31% | 17% | 27% | 16% | 20% | 22% | 38% | 31% |
| 400–490 (20–24.5) | 35% | 38% | 32% | 46% | 20% | 43% | 42% | 32% | 34% | 38% |
| 300–390 (15–19.5) | 13% | 13% | 14% | 31% | 5% | 32% | 26% | 34% | 7% | 12% |
| 160–290 (8–14.5) | 2% | 2% | 2% | 5% | 1% | 5% | 4% | 8% | 1% | 1% |
| **Test Scores - Reading** | | | | | | | | | | |
| 35–38 | 5% | 5% | 6% | 0% | 15% | 1% | 2% | 4% | 6% | 5% |
| 30–34 | 20% | 21% | 19% | 3% | 27% | 7% | 11% | 5% | 24% | 20% |
| 25–29 | 37% | 39% | 35% | 23% | 33% | 24% | 29% | 20% | 42% | 39% |
| 20–24 | 23% | 23% | 23% | 37% | 17% | 32% | 29% | 30% | 20% | 22% |
| 15–19 | 14% | 12% | 16% | 33% | 8% | 32% | 27% | 37% | 7% | 13% |
| 8–14 | 1% | 1% | 1% | 2% | 1% | 4% | 2% | 4% | 0% | 1% |
| **Test Scores - Writing and Language** | | | | | | | | | | |
| 35–38 | 6% | 6% | 5% | 0% | 18% | 1% | 2% | 7% | 6% | 6% |
| 30–34 | 20% | 22% | 18% | 4% | 27% | 6% | 10% | 3% | 24% | 19% |
| 25–29 | 31% | 33% | 29% | 17% | 26% | 20% | 24% | 18% | 36% | 33% |
| 20–24 | 24% | 24% | 24% | 33% | 17% | 30% | 29% | 26% | 22% | 25% |
| 15–19 | 16% | 13% | 19% | 37% | 10% | 32% | 29% | 33% | 10% | 15% |
| 8–14 | 3% | 2% | 4% | 9% | 2% | 10% | 6% | 13% | 1% | 3% |

[1] The Math test score is found by dividing the Math section score by 20.

**PSAT/NMSQT** | **PSAT 10**

## 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 2018-19 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Test Takers** | 72,275 | 37,712 | 34,161 | 778 | 4,420 | 6,332 | 6,701 | 101 | 42,444 | 2,742 |
| **Total Score** | | | | | | | | | | |
| 1400–1520 | 1% | 1% | 1% | 0% | 6% | 0% | 0% | 0% | 1% | 1% |
| 1200–1390 | 11% | 10% | 11% | 1% | 25% | 2% | 4% | 4% | 13% | 12% |
| 1000–1190 | 34% | 36% | 31% | 15% | 38% | 14% | 21% | 19% | 42% | 33% |
| 800–990 | 34% | 36% | 32% | 38% | 24% | 38% | 38% | 41% | 34% | 35% |
| 600–790 | 19% | 16% | 22% | 44% | 8% | 42% | 34% | 36% | 9% | 17% |
| 320–590 | 1% | 1% | 2% | 2% | 0% | 4% | 2% | 1% | 0% | 1% |
| **Section Scores - ERW** | | | | | | | | | | |
| 700–760 | 2% | 2% | 1% | 0% | 5% | 0% | 1% | 0% | 2% | 2% |
| 600–690 | 15% | 16% | 13% | 1% | 25% | 4% | 7% | 5% | 18% | 16% |
| 500–590 | 34% | 37% | 30% | 16% | 36% | 18% | 23% | 24% | 41% | 34% |
| 400–490 | 28% | 29% | 28% | 36% | 22% | 32% | 32% | 38% | 28% | 28% |
| 300–390 | 20% | 16% | 24% | 44% | 11% | 40% | 35% | 30% | 11% | 18% |
| 160–290 | 2% | 1% | 2% | 3% | 1% | 6% | 3% | 4% | 0% | 2% |
| **Section (Test) Scores - Math[1]** | | | | | | | | | | |
| 700–760 (35–38) | 2% | 2% | 3% | 0% | 12% | 0% | 1% | 2% | 2% | 3% |
| 600–690 (30–34.5) | 9% | 8% | 11% | 1% | 21% | 2% | 4% | 4% | 12% | 10% |
| 500–590 (25–29.5) | 31% | 32% | 30% | 14% | 35% | 13% | 19% | 19% | 38% | 29% |
| 400–490 (20–24.5) | 38% | 41% | 35% | 43% | 25% | 42% | 42% | 42% | 38% | 41% |
| 300–390 (15–19.5) | 17% | 15% | 18% | 38% | 6% | 36% | 30% | 29% | 9% | 15% |
| 160–290 (8–14.5) | 3% | 2% | 3% | 4% | 1% | 7% | 5% | 5% | 1% | 2% |
| **Test Scores - Reading** | | | | | | | | | | |
| 35–38 | 3% | 3% | 3% | 0% | 7% | 0% | 1% | 1% | 3% | 3% |
| 30–34 | 16% | 16% | 15% | 2% | 25% | 5% | 8% | 7% | 19% | 17% |
| 25–29 | 37% | 40% | 34% | 22% | 38% | 22% | 26% | 23% | 43% | 38% |
| 20–24 | 26% | 26% | 27% | 35% | 20% | 32% | 32% | 39% | 24% | 25% |
| 15–19 | 17% | 14% | 21% | 37% | 9% | 37% | 30% | 26% | 9% | 16% |
| 8–14 | 1% | 1% | 2% | 3% | 1% | 5% | 3% | 5% | 0% | 1% |
| **Test Scores - Writing and Language** | | | | | | | | | | |
| 35–38 | 2% | 3% | 2% | 0% | 7% | 0% | 1% | 0% | 3% | 2% |
| 30–34 | 16% | 18% | 14% | 2% | 26% | 5% | 8% | 5% | 20% | 18% |
| 25–29 | 32% | 35% | 29% | 16% | 33% | 18% | 22% | 28% | 38% | 31% |
| 20–24 | 27% | 26% | 27% | 32% | 20% | 30% | 30% | 30% | 26% | 27% |
| 15–19 | 19% | 15% | 23% | 40% | 12% | 36% | 32% | 30% | 12% | 18% |
| 8–14 | 4% | 3% | 6% | 10% | 2% | 11% | 7% | 8% | 1% | 4% |

[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 2018-19 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 Test Takers | Percent | 11th Grade Test Takers | Percent |
|---|---|---|---|---|
| Agriculture, Agriculture Operations, and Related Sciences | 535 | 1% | 746 | 1% |
| Architecture and Related Services | 847 | 2% | 985 | 1% |
| Area, Ethnic, Cultural, and Gender Studies | 67 | 0% | 81 | 0% |
| Biological and Biomedical Sciences | 4,329 | 8% | 5,710 | 8% |
| Business, Management, Marketing, and Related Support Services | 4,592 | 9% | 8,147 | 12% |
| Communication, Journalism, and Related Programs | 953 | 2% | 1,401 | 2% |
| Computer and Information Sciences and Support Services | 1,847 | 4% | 2,796 | 4% |
| Construction Trades, General | 1 | 0% | 34 | 0% |
| Education | 1,999 | 4% | 3,366 | 5% |
| Engineering | 4,992 | 10% | 6,531 | 10% |
| Engineering Technologies/Technicians | 926 | 2% | 1,022 | 1% |
| English Language and Literature/Letters | 438 | 1% | 556 | 1% |
| Family and Consumer Sciences/Human Sciences | 185 | 0% | 271 | 0% |
| Foreign Languages and Literatures, General | 257 | 0% | 367 | 1% |
| Health Professions and Related Clinical Sciences | 9,588 | 19% | 12,665 | 19% |
| History, General | 373 | 1% | 536 | 1% |
| Legal Studies, General | 1,124 | 2% | 1,262 | 2% |
| Liberal Arts and Sciences, General Studies and Humanities | 75 | 0% | 243 | 0% |
| Library Science/Librarianship | 0 | | 13 | 0% |
| Mathematics and Statistics | 532 | 1% | 735 | 1% |
| Mechanic and Repair Technologies/Technicians | 0 | | 45 | 0% |
| Military Technologies | 244 | 0% | 276 | 0% |
| Multi/Interdisciplinary Studies | 127 | 0% | 90 | 0% |
| Natural Resources and Conservation | 256 | 0% | 429 | 1% |
| Parks, Recreation and Leisure Studies | 280 | 1% | 364 | 1% |
| Personal And Culinary Services, General | 30 | 0% | 102 | 0% |
| Philosophy and Religious Studies | 92 | 0% | 125 | 0% |
| Physical Sciences | 754 | 1% | 1,012 | 1% |
| Precision Production | 0 | | 3 | 0% |
| Psychology, General | 1,639 | 3% | 2,645 | 4% |
| Public Administration and Social Service Professions | 125 | 0% | 260 | 0% |
| Security and Protective Services | 2,074 | 4% | 2,603 | 4% |
| Social Sciences | 838 | 2% | 1,206 | 2% |
| Theology and Religious Vocations | 32 | 0% | 71 | 0% |
| Transportation and Materials Moving | 2 | 0% | 12 | 0% |
| Visual and Performing Arts, General | 3,809 | 7% | 4,692 | 7% |
| Other | 992 | 2% | 1,305 | 2% |
| Undecided | 6,779 | 13% | 5,702 | 8% |

## PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2018-19 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

| Total | Test Takers | | Mean Score | | |
|---|---|---|---|---|---|
| | Number | | Total | ERW | Math |
| Total | 24,946 | | 861 | 434 | 426 |
| Fall | 21,878 | | 859 | 433 | 425 |
| Spring | 3,078 | | 875 | 441 | 434 |

### Sex

| Sex | Test Takers | | Mean Score | | |
|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math |
| Female | 12,445 | 50% | 872 | 445 | 426 |
| Male | 12,255 | 49% | 852 | 424 | 427 |
| No Response | 246 | 1% | 733 | 369 | 364 |

### Grade Level

| Grade Level | Test Takers | | Mean Score | | | Met Benchmarks[1] | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| 8th Grade | 2,901 | 12% | 831 | 417 | 414 | 41% | 58% | 43% | 39% |
| 9th Grade | 21,615 | 87% | 867 | 437 | 429 | 41% | 59% | 44% | 38% |
| Other / No Response | 430 | 2% | 758 | 387 | 371 | | | | |

### Race/Ethnicity

| Total | Test Takers | | Mean Score | | |
|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math |
| American Indian/Alaska Native | 281 | 1% | 766 | 384 | 382 |
| Asian | 1,355 | 5% | 975 | 479 | 496 |
| Black/African American | 3,115 | 12% | 772 | 389 | 383 |
| Hispanic/Latino | 2,791 | 11% | 794 | 402 | 392 |
| Native Hawaiian/Other Pacific Islander | 38 | 0% | 796 | 391 | 404 |
| White | 9,658 | 39% | 955 | 484 | 471 |
| Two or More Races | 974 | 4% | 884 | 447 | 437 |
| No Response | 6,734 | 27% | 771 | 388 | 383 |

| 8th Grade | Test Takers | | Mean Score | | | Met Benchmarks[1] | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| American Indian/Alaska Native | 51 | 2% | 769 | 384 | 385 | 25% | 37% | 25% | 63% |
| Asian | 96 | 3% | 908 | 451 | 457 | 56% | 66% | 64% | 27% |
| Black/African American | 521 | 18% | 713 | 355 | 359 | 15% | 29% | 18% | 68% |
| Hispanic/Latino | 248 | 9% | 805 | 405 | 400 | 31% | 52% | 33% | 45% |
| Native Hawaiian/Other Pacific Islander | 2 | 0% | | | | | | | |
| White | 1,150 | 40% | 915 | 463 | 452 | 60% | 79% | 62% | 19% |
| Two or More Races | 180 | 6% | 805 | 405 | 400 | 33% | 51% | 36% | 46% |
| No Response | 653 | 23% | 789 | 394 | 394 | 32% | 50% | 35% | 47% |

| 9th Grade | Test Takers | | Mean Score | | | Met Benchmarks[1] | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| American Indian/Alaska Native | 228 | 1% | 765 | 383 | 381 | 19% | 36% | 23% | 60% |
| Asian | 1,250 | 6% | 981 | 482 | 499 | 65% | 75% | 72% | 18% |
| Black/African American | 2,520 | 12% | 784 | 396 | 388 | 20% | 42% | 24% | 55% |
| Hispanic/Latino | 2,506 | 12% | 794 | 402 | 392 | 24% | 44% | 27% | 53% |
| Native Hawaiian/Other Pacific Islander | 36 | 0% | 794 | 391 | 402 | 17% | 36% | 25% | 56% |
| White | 8,391 | 39% | 963 | 488 | 475 | 62% | 82% | 65% | 15% |
| Two or More Races | 773 | 4% | 906 | 459 | 447 | 49% | 69% | 52% | 28% |
| No Response | 5,911 | 27% | 771 | 389 | 382 | 22% | 38% | 25% | 59% |

[1]Based on grade-level benchmarks.

## PSAT 8/9 Participation and Performance

Data reflect students who took the PSAT 8/9 during the 2018-19 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 | 1,903 | 66% | 850 | 428 | 422 | 44% | 63% | 47% | 35% |
| English and Another Language | 228 | 8% | 808 | 405 | 404 | 36% | 52% | 38% | 46% |
| Another Language | 101 | 3% | 814 | 396 | 418 | 33% | 47% | 43% | 44% |
| No Response | 669 | 23% | 788 | 394 | 393 | 33% | 49% | 35% | 48% |

| 9th Grade | Test Takers | | Mean Score | | | | Met Benchmarks[1] | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| English Only | 12,304 | 57% | 911 | 462 | 449 | 50% | 70% | 53% | 27% |
| English and Another Language | 2,238 | 10% | 868 | 436 | 432 | 40% | 58% | 44% | 38% |
| Another Language | 921 | 4% | 868 | 426 | 441 | 41% | 54% | 49% | 38% |
| No Response | 6,152 | 28% | 777 | 391 | 385 | 24% | 38% | 27% | 59% |

### 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) | 250 | 9% | 993 | 501 | 492 | 74% | 83% | 75% | 16% |
| A (93–96) | 594 | 20% | 910 | 460 | 451 | 62% | 78% | 63% | 21% |
| A- (90–92) | 400 | 14% | 856 | 430 | 426 | 48% | 69% | 51% | 28% |
| B (80–89) | 685 | 24% | 779 | 391 | 388 | 26% | 49% | 30% | 47% |
| C (70–79) | 221 | 8% | 694 | 346 | 348 | 8% | 20% | 12% | 76% |
| D, E, or F (below 70) | 24 | 1% | 651 | 331 | 320 | 8% | 21% | 13% | 75% |
| No Response | 727 | 25% | 794 | 397 | 397 | 32% | 50% | 35% | 48% |

| 9th Grade | Test Takers | | Mean Score | | | | Met Benchmarks[1] | | |
|---|---|---|---|---|---|---|---|---|---|
| | Number | Percent | Total | ERW | Math | Both | ERW | Math | None |
| A+ (97–100) | 1,163 | 5% | 1031 | 523 | 508 | 74% | 84% | 75% | 14% |
| A (93–96) | 3,965 | 18% | 983 | 498 | 485 | 68% | 85% | 70% | 13% |
| A- (90–92) | 3,221 | 15% | 929 | 468 | 461 | 56% | 77% | 59% | 20% |
| B (80–89) | 5,157 | 24% | 832 | 419 | 412 | 30% | 54% | 34% | 41% |
| C (70–79) | 912 | 4% | 727 | 366 | 362 | 10% | 25% | 14% | 72% |
| D, E, or F (below 70) | 123 | 1% | 671 | 338 | 333 | 7% | 14% | 9% | 84% |
| No Response | 7,074 | 33% | 793 | 400 | 393 | 27% | 42% | 30% | 55% |

[1] Based on grade-level benchmarks.

**CollegeBoard** **PSAT 8/9**

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

Data reflect students who took the PSAT 8/9 during the 2018-19 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

| | Total Students | Female | Male | American Indian | Asian | African American | Hispanic | Native Hawaiian | White | Two or More Races |
|---|---|---|---|---|---|---|---|---|---|---|
| **Test Takers** | 21,615 | 10,808 | 10,727 | 228 | 1,250 | 2,520 | 2,506 | 36 | 8,391 | 773 |

### Total Score

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1400–1440 | 0% | 0% | 0% | 0% | 1% | 0% | 0% | 0% | 0% | 0% |
| 1200–1390 | 4% | 4% | 4% | 0% | 12% | 0% | 1% | 0% | 6% | 5% |
| 1000–1190 | 23% | 24% | 22% | 7% | 36% | 8% | 12% | 11% | 37% | 28% |
| 800–990 | 35% | 37% | 34% | 34% | 34% | 35% | 32% | 39% | 41% | 38% |
| 600–790 | 31% | 30% | 33% | 49% | 16% | 48% | 46% | 44% | 15% | 26% |
| 240–590 | 6% | 5% | 8% | 9% | 1% | 8% | 9% | 6% | 1% | 3% |

### Section Scores - ERW

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 700–720 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |
| 600–690 | 6% | 7% | 5% | 0% | 12% | 1% | 3% | 0% | 11% | 7% |
| 500–590 | 24% | 27% | 22% | 8% | 35% | 12% | 14% | 11% | 37% | 30% |
| 400–490 | 32% | 33% | 31% | 31% | 32% | 32% | 31% | 36% | 37% | 35% |
| 300–390 | 32% | 29% | 35% | 51% | 20% | 47% | 45% | 47% | 15% | 26% |
| 120–290 | 6% | 4% | 7% | 10% | 1% | 8% | 8% | 6% | 1% | 2% |

### Section (Test) Scores - Math[1]

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 700–720 (35–36) | 0% | 0% | 0% | 0% | 2% | 0% | 0% | 0% | 1% | 0% |
| 600–690 (30–34.5) | 4% | 4% | 5% | 0% | 15% | 1% | 1% | 0% | 7% | 6% |
| 500–590 (25–29.5) | 22% | 22% | 22% | 9% | 38% | 9% | 11% | 11% | 34% | 28% |
| 400–490 (20–24.5) | 35% | 37% | 34% | 29% | 30% | 35% | 33% | 42% | 41% | 36% |
| 300–390 (15–19.5) | 29% | 30% | 29% | 50% | 14% | 44% | 41% | 42% | 15% | 26% |
| 120–290 (6–14.5) | 9% | 8% | 10% | 12% | 2% | 11% | 13% | 6% | 2% | 5% |

### Test Scores - Reading

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35–36 | 1% | 1% | 0% | 0% | 1% | 0% | 0% | 0% | 1% | 1% |
| 30–34 | 9% | 10% | 9% | 2% | 19% | 3% | 4% | 0% | 15% | 12% |
| 25–29 | 24% | 26% | 23% | 7% | 34% | 14% | 16% | 14% | 36% | 28% |
| 20–24 | 31% | 32% | 29% | 35% | 27% | 33% | 31% | 39% | 34% | 34% |
| 15–19 | 31% | 28% | 34% | 48% | 18% | 44% | 44% | 42% | 14% | 23% |
| 6–14 | 4% | 3% | 5% | 7% | 1% | 5% | 5% | 6% | 1% | 2% |

### Test Scores - Writing and Language

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35–36 | 1% | 1% | 0% | 0% | 2% | 0% | 0% | 0% | 1% | 1% |
| 30–34 | 6% | 8% | 5% | 0% | 11% | 2% | 3% | 0% | 11% | 6% |
| 25–29 | 25% | 27% | 23% | 11% | 32% | 13% | 14% | 14% | 38% | 29% |
| 20–24 | 30% | 31% | 28% | 34% | 33% | 31% | 30% | 25% | 33% | 34% |
| 15–19 | 30% | 27% | 32% | 41% | 20% | 43% | 40% | 58% | 15% | 26% |
| 6–14 | 9% | 6% | 11% | 14% | 2% | 12% | 13% | 3% | 1% | 4% |

[1] The Math test score is found by dividing the Math section score by 20.

CollegeBoard  PSAT 8/9

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

Data reflect students who took the PSAT 8/9 during the 2018-19 school year. If a student took the PSAT 8/9 more than once during the school year, the most recent score and self-reported questionnaire responses are summarized.

| | Total Students | Female | Male | American Indian | Asian | African American | Hispanic | Native Hawaiian | White | Two or More Races |
|---|---|---|---|---|---|---|---|---|---|---|
| **Test Takers** | 2,901 | 1,485 | 1,372 | 51 | 96 | 521 | 248 | 2 | 1,150 | 180 |

### Total Score

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 1400–1440 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | 0% | 0% |
| 1200–1390 | 3% | 2% | 3% | 0% | 5% | 0% | 2% | | 4% | 2% |
| 1000–1190 | 18% | 18% | 18% | 10% | 28% | 3% | 14% | | 29% | 13% |
| 800–990 | 34% | 37% | 31% | 27% | 34% | 23% | 33% | | 42% | 31% |
| 600–790 | 38% | 38% | 38% | 57% | 29% | 57% | 42% | | 23% | 48% |
| 240–590 | 8% | 6% | 9% | 6% | 3% | 17% | 9% | | 1% | 6% |

### Section Scores - ERW

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 700–720 | 0% | 0% | 0% | 0% | 0% | 0% | 0% | | 0% | 0% |
| 600–690 | 5% | 5% | 4% | 2% | 10% | 1% | 3% | | 9% | 3% |
| 500–590 | 19% | 19% | 18% | 10% | 26% | 4% | 16% | | 29% | 14% |
| 400–490 | 31% | 33% | 28% | 24% | 26% | 21% | 28% | | 38% | 28% |
| 300–390 | 38% | 36% | 40% | 59% | 35% | 57% | 46% | | 22% | 47% |
| 120–290 | 8% | 6% | 9% | 6% | 2% | 18% | 8% | | 2% | 8% |

### Section (Test) Scores - Math[1]

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 700–720 (35–36) | 0% | 0% | 0% | 0% | 2% | 0% | 0% | | 0% | 1% |
| 600–690 (30–34.5) | 3% | 2% | 3% | 0% | 6% | 0% | 1% | | 4% | 0% |
| 500–590 (25–29.5) | 18% | 16% | 20% | 10% | 34% | 3% | 15% | | 28% | 12% |
| 400–490 (20–24.5) | 35% | 37% | 33% | 31% | 27% | 25% | 36% | | 43% | 36% |
| 300–390 (15–19.5) | 36% | 37% | 34% | 51% | 26% | 54% | 37% | | 22% | 42% |
| 120–290 (6–14.5) | 9% | 7% | 10% | 8% | 4% | 17% | 11% | | 3% | 9% |

### Test Scores - Reading

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35–36 | 0% | 0% | 0% | 0% | 2% | 0% | 1% | | 1% | 0% |
| 30–34 | 7% | 8% | 6% | 0% | 13% | 1% | 5% | | 13% | 5% |
| 25–29 | 20% | 20% | 20% | 16% | 29% | 7% | 17% | | 28% | 16% |
| 20–24 | 30% | 31% | 28% | 25% | 21% | 21% | 25% | | 37% | 33% |
| 15–19 | 37% | 35% | 39% | 49% | 32% | 58% | 47% | | 20% | 41% |
| 6–14 | 6% | 5% | 6% | 10% | 3% | 13% | 4% | | 2% | 5% |

### Test Scores - Writing and Language

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 35–36 | 0% | 1% | 0% | 0% | 0% | 0% | 0% | | 1% | 0% |
| 30–34 | 4% | 5% | 4% | 2% | 13% | 0% | 4% | | 7% | 3% |
| 25–29 | 19% | 20% | 18% | 12% | 21% | 6% | 14% | | 31% | 17% |
| 20–24 | 29% | 33% | 26% | 24% | 29% | 20% | 28% | | 35% | 26% |
| 15–19 | 36% | 35% | 38% | 53% | 34% | 53% | 43% | | 23% | 45% |
| 6–14 | 10% | 7% | 14% | 10% | 3% | 21% | 12% | | 3% | 9% |

[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 2019 high school graduates who took the current 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 2018-19 school year. PSAT 8/9 data reflect 8th or 9th grade students who took the PSAT 8/9 during the 2018-19 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 | 1210 | 620 | 600 | 31 | 31 | 30 | 31 | 31 |
| 50th | 1080 | 550 | 530 | 28 | 27 | 26.5 | 27 | 28 |
| 25th | 950 | 470 | 460 | 24 | 23 | 23 | 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 | 1150 | 590 | 570 | 30 | 30 | 28.5 | 29 | 29 |
| 50th | 1010 | 520 | 490 | 26 | 26 | 24.5 | 25 | 26 |
| 25th | 870 | 430 | 430 | 22 | 21 | 21.5 | 22 | 22 |

### 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 | 1100 | 560 | 550 | 28 | 29 | 27.5 | 28 | 28 |
| 50th | 970 | 490 | 480 | 25 | 24 | 24 | 25 | 24 |
| 25th | 830 | 410 | 410 | 21 | 20 | 20.5 | 21 | 21 |

### PSAT 8/9 - Grade 9

| Percentile | Total | Section | | Reading | Writing and Language | Math | Analysis in History/ Social Studies | Analysis in Science |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | ERW | Math | | | | | |
| 75th | 1010 | 510 | 500 | 26 | 25 | 25 | 25 | 26 |
| 50th | 860 | 430 | 430 | 22 | 22 | 21.5 | 21 | 22 |
| 25th | 720 | 360 | 360 | 18 | 17 | 18 | 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 | 960 | 490 | 480 | 25 | 24 | 24 | 24 | 24 |
| 50th | 820 | 410 | 410 | 21 | 20 | 20.5 | 20 | 21 |
| 25th | 690 | 340 | 350 | 17 | 17 | 17.5 | 17 | 17 |