

SAT[®]

2016 College-Bound Seniors

State Profile Report



PENNSYLVANIA

Included in This Report

SAT[®] Data

SAT Subject Tests[™] Data

Demographic and Academic Information

College Plans

DATA EMBARGO IN EFFECT. This report contains information on college-bound students in the class of 2016 who took the pre-March 2016 SAT or SAT Subject Tests at any time during high school. ***Data and other information in this report are embargoed from dissemination to the media and general public until after the College Board makes state and total group-level data and information publically available. The embargo will be lifted no later than September 30, 2016.*** Prior to that time, you may use the data and other information in this report for internal purposes. The College Board will post updated information in the coming weeks about the embargo at <https://collegeboard.org/press>; if you have questions, please contact the College Board communications department at communications@collegeboard.org.

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The SAT® Program

The SAT® assesses student reasoning based on knowledge and skills developed by the students in their course work. The SAT Subject Tests™ (formerly known as SAT II: Subject Tests) are a series of one-hour, mostly multiple-choice tests that measure how much students know about a particular academic subject and how well they can apply that knowledge. Most students also complete the optional SAT Questionnaire (formerly known as the Student Descriptive Questionnaire) when they register to take SAT Program tests, providing valuable contextual information to aid in interpreting and understanding individual and group scores. *College-Bound Seniors 2016* includes students who tested through January 2016. The College Board administered the first redesigned SAT in March 2016. While a majority of the Class of 2016 took only the pre-March 2016 SAT, a small percentage took the new SAT. The report includes senior test-takers in this class who took the SAT prior to March 2016. To help schools with the transition to the new SAT, we have included an addendum on results from the March - June 2016 administrations.

Using This Report

College-Bound Seniors presents data on high school graduates in the year 2016 who participated in the SAT Program. Students are counted only once, no matter how often they tested, and only their latest scores and most recent SAT Questionnaire responses are summarized. Because the accuracy of self-reported information has been documented and the college-bound population is relatively stable from year to year, SAT Questionnaire responses from these students can be considered highly accurate. Therefore, you can use this report to:

- Interpret scores of individual students within the broader context of data aggregated across groups of college-bound seniors.
- Study changes over time in the characteristics of students taking SAT tests.
- Look at year-to-year educational and demographic changes in this population, along with changes in test performance.

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Not all students in a high school, school district or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being

considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation's most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

Statistical Definitions

The following terms are used throughout this report. For more statistical information, visit the College Board website at www.collegeboard.org.

Mean

The *mean* is the arithmetic average.

Percentile

The *percentile*, also called the *percentile point*, is the point on the measurement scale below which a specified percentage of scores falls. The 25th, 50th and 75th percentile points are often reported for large data sets. The 50th percentile point is also called the *median* and, like the mean, is an average and a good indicator of the center of the distribution of scores. Comparing the 25th and 75th percentile points gives an idea of the range of scores in the populations reported in this document. Like the standard deviation, the difference between the scores associated with the 75th and 25th percentiles is an indication of the variability of the scores in a particular sample.

Scaled score

A *scaled score* is a score that has been converted from the raw score (number of questions answered correctly minus a fraction of the incorrect answers) for reporting. The SAT Program uses a 200- to 800-point scale.

Standard deviation (SD)

The *standard deviation* (SD) 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 greater scatter of scores around the mean.

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.

Total Group Mean SAT Scores

College-Bound Seniors, 1972–2016

| Year | Critical Reading | | | Mathematics | | | Writing | | |
|-------------|-------------------------|---------------|--------------|--------------------|---------------|--------------|----------------|---------------|--------------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 1972 | 531 | 529 | 530 | 527 | 489 | 509 | - | - | - |
| 1973 | 523 | 521 | 523 | 525 | 489 | 506 | - | - | - |
| 1974 | 524 | 520 | 521 | 524 | 488 | 505 | - | - | - |
| 1975 | 515 | 509 | 512 | 518 | 479 | 498 | - | - | - |
| 1976 | 511 | 508 | 509 | 520 | 475 | 497 | - | - | - |
| 1977 | 509 | 505 | 507 | 520 | 474 | 496 | - | - | - |
| 1978 | 511 | 503 | 507 | 517 | 474 | 494 | - | - | - |
| 1979 | 509 | 501 | 505 | 516 | 473 | 493 | - | - | - |
| 1980 | 506 | 498 | 502 | 515 | 473 | 492 | - | - | - |
| 1981 | 508 | 496 | 502 | 516 | 473 | 492 | - | - | - |
| 1982 | 509 | 499 | 504 | 516 | 473 | 493 | - | - | - |
| 1983 | 508 | 498 | 503 | 516 | 474 | 494 | - | - | - |
| 1984 | 511 | 498 | 504 | 518 | 478 | 497 | - | - | - |
| 1985 | 514 | 503 | 509 | 522 | 480 | 500 | - | - | - |
| 1986 | 515 | 504 | 509 | 523 | 479 | 500 | - | - | - |
| 1987 | 512 | 502 | 507 | 523 | 481 | 501 | - | - | - |
| 1988 | 512 | 499 | 505 | 521 | 483 | 501 | - | - | - |
| 1989 | 510 | 498 | 504 | 523 | 482 | 502 | - | - | - |
| 1990 | 505 | 496 | 500 | 521 | 483 | 501 | - | - | - |
| 1991 | 503 | 495 | 499 | 520 | 482 | 500 | - | - | - |
| 1992 | 504 | 496 | 500 | 521 | 484 | 501 | - | - | - |
| 1993 | 504 | 497 | 500 | 524 | 484 | 503 | - | - | - |
| 1994 | 501 | 497 | 499 | 523 | 487 | 504 | - | - | - |
| 1995 | 505 | 502 | 504 | 525 | 490 | 506 | - | - | - |
| 1996 | 507 | 503 | 505 | 527 | 492 | 508 | - | - | - |
| 1997 | 507 | 503 | 505 | 530 | 494 | 511 | - | - | - |
| 1998 | 509 | 502 | 505 | 531 | 496 | 512 | - | - | - |
| 1999 | 509 | 502 | 505 | 531 | 495 | 511 | - | - | - |
| 2000 | 507 | 504 | 505 | 533 | 498 | 514 | - | - | - |
| 2001 | 509 | 502 | 506 | 533 | 498 | 514 | - | - | - |
| 2002 | 507 | 502 | 504 | 534 | 500 | 516 | - | - | - |
| 2003 | 512 | 503 | 507 | 537 | 503 | 519 | - | - | - |
| 2004 | 512 | 504 | 508 | 537 | 501 | 518 | - | - | - |
| 2005 | 513 | 505 | 508 | 538 | 504 | 520 | - | - | - |
| 2006 | 505 | 502 | 503 | 536 | 502 | 518 | 491 | 502 | 497 |
| 2007 | 503 | 500 | 501 | 532 | 499 | 514 | 487 | 499 | 493 |
| 2008 | 502 | 499 | 500 | 532 | 499 | 514 | 486 | 499 | 493 |
| 2009 | 502 | 497 | 499 | 533 | 498 | 514 | 485 | 498 | 492 |
| 2010 | 502 | 498 | 500 | 533 | 499 | 515 | 485 | 497 | 491 |
| 2011 | 500 | 495 | 497 | 531 | 500 | 514 | 482 | 496 | 489 |
| 2012 | 498 | 493 | 496 | 532 | 499 | 514 | 481 | 494 | 488 |
| 2013 | 499 | 494 | 496 | 531 | 499 | 514 | 482 | 493 | 488 |
| 2014 | 499 | 495 | 497 | 530 | 499 | 513 | 481 | 492 | 487 |
| 2015 | 497 | 493 | 495 | 527 | 496 | 511 | 478 | 490 | 484 |
| 2016 | 495 | 493 | 494 | 524 | 494 | 508 | 475 | 487 | 482 |

Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2016, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to 2015 include students testing through June. Cohort data presented for 2016 includes test-takers through January 2016. For further information see www.collegeboard.org/cbs.

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SAT[®] Data

Data in this report are for high school graduates in the year 2016. Information is summarized for seniors who took the SAT at any time during their high school years through January 2016. If a student took the pre-March 2016 SAT more than once, the most recent score is used. A small percentage of seniors take their first SAT between March and June of their senior years.

Table 1: Overall Mean Scores

| SAT | Test-Takers Number | Critical Reading | | Mathematics | | Writing | | Writing Subscores | | | |
|-------|-----------------------|------------------|-----|-------------|-----|---------|-----|-------------------|------|-------|-----|
| | | Mean | SD | Mean | SD | Mean | SD | Multiple Choice | | Essay | |
| | | | | | | | | Mean | SD | Mean | SD |
| Total | 92,569 | 500 | 106 | 506 | 110 | 481 | 109 | 48.5 | 10.9 | 6.8 | 1.6 |

Table 2: Mean Scores by Gender

| SAT | Test-Takers Number | Critical Reading | | Mathematics | | Writing | | Writing Subscores | | | |
|--------|-----------------------|------------------|-----|-------------|-----|---------|-----|-------------------|------|-------|-----|
| | | Mean | SD | Mean | SD | Mean | SD | Multiple Choice | | Essay | |
| | | | | | | | | Mean | SD | Mean | SD |
| Male | 42,574 | 504 | 107 | 524 | 114 | 476 | 109 | 48.2 | 10.9 | 6.7 | 1.7 |
| Female | 49,995 | 497 | 105 | 492 | 105 | 486 | 108 | 48.7 | 10.9 | 7.0 | 1.5 |

Table 3: Year in Which Seniors Last Took the SAT

Scores are from the last administration in which seniors took the pre-March 2016 SAT.

| SAT | Test-Takers Number | Critical Reading | | Mathematics | | Writing | | Writing Subscores | | | |
|-----------------------|-----------------------|------------------|-----|-------------|-----|---------|-----|-------------------|------|-------|-----|
| | | Mean | SD | Mean | SD | Mean | SD | Multiple Choice | | Essay | |
| | | | | | | | | Mean | SD | Mean | SD |
| Senior (2015-2016) | 53,816 | 486 | 102 | 491 | 107 | 467 | 103 | 47.1 | 10.3 | 6.7 | 1.6 |
| Junior (2014-2015) | 38,531 | 519 | 109 | 528 | 112 | 501 | 113 | 50.5 | 11.2 | 7.0 | 1.6 |
| Sophomore (2013-2014) | 204 | 552 | 116 | 568 | 127 | 544 | 131 | 54.9 | 12.7 | 7.3 | 1.8 |
| Freshman (2012-2013) | 18 | 517 | | 501 | | 489 | | 49.8 | | 6.7 | |
| Total | 92,569 | 500 | 106 | 506 | 110 | 481 | 109 | 48.5 | 10.9 | 6.8 | 1.6 |

Table 4: Mean Scores for Total Group

Mean scores for the total group may serve as points of reference when evaluating mean scores for the state.

| SAT | Test-Takers Number | Critical Reading | | Mathematics | | Writing | | Writing Subscores | | | |
|-------------|-----------------------|------------------|-----|-------------|-----|---------|-----|-------------------|------|-------|-----|
| | | Mean | SD | Mean | SD | Mean | SD | Multiple Choice | | Essay | |
| | | | | | | | | Mean | SD | Mean | SD |
| Total Group | 1,637,589 | 494 | 117 | 508 | 121 | 482 | 115 | 48.4 | 11.7 | 6.9 | 1.7 |

SAT Data

Table 5: Percentiles for State and Total Group

A percentile represents the point below which a percentage of scores fall. Comparing the 25th percentile point to the 75th percentile point gives an idea of the range of performance in a group.

| SAT Percentile | State | | | Total Group | | |
|-------------------|------------------|-------------|---------|------------------|-------------|---------|
| | Critical Reading | Mathematics | Writing | Critical Reading | Mathematics | Writing |
| 75th | 570 | 580 | 550 | 570 | 590 | 560 |
| 50th | 500 | 500 | 480 | 490 | 500 | 480 |
| 25th | 430 | 430 | 410 | 410 | 420 | 400 |

Table 6: Score Distributions

| SAT Score Range | Critical Reading | | | Mathematics | | | Writing | | |
|--------------------|------------------|--------|--------|-------------|--------|--------|---------|--------|--------|
| | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| 700–800 | 1,825 | 1,815 | 3,640 | 2,875 | 1,530 | 4,405 | 1,335 | 1,633 | 2,968 |
| 600-690 | 6,685 | 6,928 | 13,613 | 8,693 | 6,818 | 15,511 | 4,632 | 6,358 | 10,990 |
| 500-590 | 13,880 | 15,758 | 29,638 | 13,741 | 15,425 | 29,166 | 11,487 | 14,413 | 25,900 |
| 400-490 | 13,971 | 17,580 | 31,551 | 11,809 | 17,377 | 29,186 | 15,197 | 17,387 | 32,584 |
| 300-390 | 5,031 | 6,610 | 11,641 | 4,415 | 7,410 | 11,825 | 8,293 | 8,731 | 17,024 |
| 200-290 | 1,182 | 1,304 | 2,486 | 1,041 | 1,435 | 2,476 | 1,630 | 1,473 | 3,103 |

Table 7: Type of High School

| SAT | Test-Takers | | Percent by Gender | | Mean Scores | | |
|------------------------|-------------|-----|-------------------|--------|------------------|-------------|---------|
| | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| Public | 78,753 | 86 | 45 | 55 | 495 | 503 | 474 |
| Religiously Affiliated | 10,219 | 11 | 47 | 53 | 523 | 521 | 515 |
| Independent | 2,180 | 2 | 59 | 41 | 557 | 570 | 553 |
| Other or Unknown | 1,417 | | 43 | 57 | 535 | 506 | 511 |

Demographic Information

SAT: Mean Scores by Gender Within Ethnicity

Table 8: Total Mean Scores by Ethnicity

| SAT Test-Takers Who Described Themselves As: | Test-Takers | | Critical Reading | | Mathematics | | Writing | |
|---|-------------|-----|------------------|-----|-------------|-----|---------|-----|
| | Number | Pct | Mean | SD | Mean | SD | Mean | SD |
| American Indian or Alaska Native | 226 | 0 | 475 | 103 | 477 | 114 | 451 | 100 |
| Asian or Asian American | 5,001 | 5 | 519 | 133 | 580 | 131 | 519 | 138 |
| Black or African American | 9,921 | 11 | 418 | 100 | 412 | 98 | 398 | 96 |
| Native Hawaiian or Pacific Islander | 23 | 0 | 489 | | 481 | | 453 | |
| Hispanic, Latino, or Latin American | 6,072 | 7 | 453 | 107 | 449 | 105 | 431 | 105 |
| White | 66,555 | 72 | 516 | 96 | 522 | 100 | 497 | 100 |
| Two or More Races, non-Hispanic | 1,321 | 1 | 487 | 103 | 478 | 106 | 460 | 103 |
| Other | 749 | 1 | 510 | 122 | 512 | 123 | 490 | 127 |
| No Response | 2,701 | 3 | 486 | 118 | 483 | 119 | 462 | 119 |
| Total | 92,569 | 100 | 500 | 106 | 506 | 110 | 481 | 109 |

Table 9: Male Mean Scores by Ethnicity

| SAT Test-Takers Who Described Themselves As: | Test-Takers | | Critical Reading | | Mathematics | | Writing | |
|---|-------------|-----|------------------|-----|-------------|-----|---------|-----|
| | Number | Pct | Mean | SD | Mean | SD | Mean | SD |
| American Indian or Alaska Native | 120 | 0 | 484 | 104 | 488 | 115 | 448 | 98 |
| Asian or Asian American | 2,356 | 3 | 516 | 137 | 595 | 129 | 512 | 141 |
| Black or African American | 4,490 | 5 | 416 | 102 | 419 | 103 | 390 | 96 |
| Native Hawaiian or Pacific Islander | 7 | 0 | 516 | | 529 | | 453 | |
| Hispanic, Latino, or Latin American | 2,598 | 3 | 464 | 108 | 469 | 109 | 431 | 107 |
| White | 30,703 | 33 | 521 | 97 | 540 | 102 | 491 | 100 |
| Two or More Races, non-Hispanic | 567 | 1 | 491 | 101 | 494 | 109 | 455 | 100 |
| Other | 367 | 0 | 509 | 121 | 527 | 123 | 483 | 125 |
| No Response | 1,366 | 1 | 488 | 119 | 498 | 123 | 460 | 119 |
| Total | 42,574 | 46 | 504 | 107 | 524 | 114 | 476 | 109 |

Table 10: Female Mean Scores by Ethnicity

| SAT Test-Takers Who Described Themselves As: | Test-Takers | | Critical Reading | | Mathematics | | Writing | |
|---|-------------|-----|------------------|-----|-------------|-----|---------|-----|
| | Number | Pct | Mean | SD | Mean | SD | Mean | SD |
| American Indian or Alaska Native | 106 | 0 | 465 | 102 | 464 | 112 | 455 | 102 |
| Asian or Asian American | 2,645 | 3 | 521 | 129 | 566 | 130 | 525 | 135 |
| Black or African American | 5,431 | 6 | 420 | 98 | 407 | 93 | 404 | 95 |
| Native Hawaiian or Pacific Islander | 16 | 0 | 477 | | 460 | | 453 | |
| Hispanic, Latino, or Latin American | 3,474 | 4 | 445 | 106 | 434 | 99 | 430 | 103 |
| White | 35,852 | 39 | 512 | 96 | 506 | 95 | 502 | 99 |
| Two or More Races, non-Hispanic | 754 | 1 | 484 | 104 | 465 | 101 | 464 | 105 |
| Other | 382 | 0 | 511 | 123 | 498 | 121 | 497 | 129 |
| No Response | 1,335 | 1 | 484 | 118 | 468 | 112 | 464 | 118 |
| Total | 49,995 | 54 | 497 | 105 | 492 | 105 | 486 | 108 |

Demographic Information

SAT: Student Background Information and Characteristics

Table 11: Student Background Information and Characteristics

Student demographic information provides a broader context to aid in interpreting and understanding individual and group scores.

| SAT | Test-Takers | | Critical Reading | | Mathematics | | Writing | |
|--|-------------|-----|------------------|-----|-------------|-----|---------|-----|
| | Number | Pct | Mean | SD | Mean | SD | Mean | SD |
| All Test-Takers | 92,569 | 100 | 500 | 106 | 506 | 110 | 481 | 109 |
| First Language Learned | | | | | | | | |
| English | 81,105 | 88 | 504 | 102 | 507 | 106 | 483 | 105 |
| English and Another | 6,746 | 7 | 481 | 124 | 496 | 130 | 469 | 129 |
| Another Language | 3,979 | 4 | 462 | 129 | 521 | 144 | 462 | 135 |
| No Response | 739 | | 463 | 129 | 461 | 130 | 444 | 129 |
| Citizenship | | | | | | | | |
| U.S. Citizen / U.S. National | 88,895 | 97 | 503 | 104 | 507 | 108 | 483 | 107 |
| U.S. Permanent Resident or Refugee | 1,532 | 2 | 435 | 135 | 480 | 142 | 431 | 140 |
| Citizen of Another Country | 1,070 | 1 | 465 | 126 | 592 | 135 | 486 | 135 |
| Other, Unknown, or No Response | 1,072 | | 417 | 116 | 445 | 134 | 406 | 117 |
| Plans to Apply for Financial Aid | | | | | | | | |
| Yes | 66,065 | 81 | 502 | 102 | 506 | 105 | 481 | 103 |
| No | 3,804 | 5 | 534 | 108 | 551 | 114 | 527 | 114 |
| Don't Know | 11,765 | 14 | 514 | 109 | 525 | 114 | 497 | 113 |
| No Response | 10,935 | | 466 | 119 | 475 | 124 | 446 | 122 |
| Family Income | | | | | | | | |
| Less than \$20,000 | 4,954 | 8 | 433 | 104 | 435 | 103 | 410 | 98 |
| About \$20,000 to \$40,000 | 7,564 | 13 | 468 | 99 | 470 | 101 | 444 | 97 |
| About \$40,001 to \$60,000 | 8,495 | 14 | 489 | 95 | 490 | 98 | 465 | 95 |
| About \$60,001 to \$80,000 | 8,722 | 15 | 501 | 93 | 504 | 95 | 478 | 94 |
| About \$80,001 to \$100,000 | 8,987 | 15 | 508 | 93 | 515 | 97 | 487 | 94 |
| About \$100,001 to \$140,000 | 10,569 | 18 | 522 | 94 | 531 | 97 | 504 | 96 |
| About \$140,001 to \$200,000 | 5,908 | 10 | 536 | 96 | 548 | 101 | 521 | 100 |
| More than \$200,000 | 4,830 | 8 | 563 | 99 | 579 | 104 | 558 | 105 |
| No Response | 32,540 | | 496 | 114 | 502 | 119 | 478 | 117 |
| Highest Level of Parental Education | | | | | | | | |
| No High School Diploma | 2,384 | 3 | 417 | 102 | 436 | 112 | 396 | 98 |
| High School Diploma | 27,125 | 31 | 464 | 95 | 467 | 98 | 441 | 93 |
| Associate Degree | 8,581 | 10 | 477 | 89 | 482 | 92 | 454 | 88 |
| Bachelor's Degree | 28,388 | 33 | 519 | 96 | 527 | 101 | 502 | 99 |
| Graduate Degree | 20,799 | 24 | 553 | 104 | 559 | 109 | 539 | 109 |
| No Response | 5,292 | | 451 | 124 | 462 | 129 | 433 | 125 |
| Took the PSAT/NMSQT® | | | | | | | | |
| Yes, As a Junior | 24,009 | 31 | 499 | 101 | 507 | 103 | 479 | 102 |
| Yes, As a Sophomore or Younger | 14,382 | 19 | 517 | 97 | 527 | 102 | 500 | 101 |
| Yes, As a Junior and As a Sophomore or Younger | 25,139 | 33 | 544 | 101 | 554 | 105 | 534 | 104 |
| No | 12,748 | 17 | 467 | 98 | 471 | 101 | 442 | 95 |
| No Response | 16,291 | | 445 | 101 | 441 | 103 | 416 | 95 |

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Academic Record

Table 12: High School Rank

| SAT | Test-Takers | | Percent by Gender | | Mean Scores | | |
|--------------------|-------------|-----|-------------------|--------|------------------|-------------|---------|
| | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| Highest Tenth | 12,768 | 30 | 41 | 59 | 583 | 601 | 571 |
| Second Tenth | 11,506 | 27 | 44 | 56 | 519 | 533 | 502 |
| Second Fifth | 8,511 | 20 | 50 | 50 | 492 | 500 | 470 |
| Final Three Fifths | 9,202 | 22 | 51 | 49 | 445 | 445 | 421 |
| No Response | 50,582 | | 46 | 54 | 487 | 489 | 466 |

Table 13: High School Grade Point Average

| SAT | Test-Takers | | Percent by Gender | | Mean Scores | | |
|---------------------------------|---------------------------|-----|-------------------|--------|---------------------|-------------|---------|
| | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| A+ (97–100) | 7,934 | 9 | 38 | 62 | 583 | 600 | 573 |
| A (93–96) | 21,318 | 24 | 39 | 61 | 548 | 560 | 535 |
| A- (90–92) | 18,376 | 21 | 44 | 56 | 515 | 525 | 498 |
| B (80–89) | 35,284 | 40 | 50 | 50 | 463 | 464 | 440 |
| C (70–79) | 5,550 | 6 | 61 | 39 | 413 | 410 | 385 |
| D, E, or F (below 70) | 137 | 0 | 61 | 39 | 396 | 385 | 370 |
| No Response | 3,970 | | 51 | 49 | 465 | 461 | 438 |
| Mean Grade Point Average | All Students: 3.48 | | Male: 3.40 | | Female: 3.55 | | |

Table 14: Average Years of Study in Six Academic Subjects

| SAT | Average Years of Study | | | Grade Point Average: Each Subject | | |
|---------------------------------|------------------------|-------------|-------------|-----------------------------------|--------|-------|
| | Male | Female | Total | Male | Female | Total |
| Arts and Music | 1.9 | 2.5 | 2.3 | 3.76 | 3.88 | 3.84 |
| English and Language Arts | 3.8 | 3.8 | 3.8 | 3.40 | 3.60 | 3.51 |
| Foreign and Classical Languages | 2.8 | 3.0 | 2.9 | 3.35 | 3.57 | 3.47 |
| Mathematics | 3.8 | 3.8 | 3.8 | 3.31 | 3.36 | 3.33 |
| Natural Sciences | 3.7 | 3.7 | 3.7 | 3.36 | 3.43 | 3.40 |
| Social Sciences and History | 3.7 | 3.7 | 3.7 | 3.54 | 3.58 | 3.56 |
| Total for All Subjects | 19.7 | 20.5 | 20.2 | | | |

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 15: English, Mathematics

| English and Language Arts | Test-Takers | | Percent by Gender | | SAT Mean Scores | | | |
|----------------------------------|--------------------|--------|--------------------------|------|------------------------|------------------|-------------|---------|
| | Years of Study | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| More Than 4 Years | 10,986 | 15 | 41 | 59 | 521 | 525 | 505 | |
| 4 Years | 50,746 | 68 | 46 | 54 | 521 | 526 | 501 | |
| 3 Years | 7,759 | 10 | 46 | 54 | 471 | 478 | 451 | |
| 2 Years | 1,346 | 2 | 48 | 52 | 469 | 489 | 453 | |
| 1 Year | 975 | 1 | 44 | 56 | 457 | 466 | 440 | |
| 1/2 Year or Less | 2,992 | 4 | 48 | 52 | 420 | 431 | 399 | |
| No Response | 17,765 | | 50 | 50 | 460 | 468 | 440 | |
| AP [®] /Honors Courses | 31,659 | 42 | 39 | 61 | 561 | 563 | 546 | |
| Course Work or Experience | | | | | | | | |
| English/Language Arts | 74,907 | 97 | 45 | 55 | 505 | 510 | 486 | |
| Journalism | 5,951 | 8 | 34 | 66 | 503 | 492 | 488 | |
| Creative Writing | 14,263 | 18 | 37 | 63 | 509 | 499 | 492 | |
| American Literature | 44,577 | 58 | 45 | 55 | 514 | 517 | 496 | |
| Composition/Writing | 30,308 | 39 | 44 | 56 | 517 | 518 | 500 | |
| British Literature | 19,714 | 25 | 44 | 56 | 523 | 524 | 504 | |
| World Literature | 22,701 | 29 | 46 | 54 | 518 | 523 | 501 | |
| Communications | 6,648 | 9 | 44 | 56 | 502 | 507 | 484 | |
| Public Speaking | 15,257 | 20 | 43 | 57 | 512 | 514 | 495 | |
| English As Second Language | 2,420 | 3 | 44 | 56 | 430 | 482 | 427 | |

| Mathematics | Test-Takers | | Percent by Gender | | SAT Mean Scores | | | |
|---|--------------------|--------|--------------------------|------|------------------------|------------------|-------------|---------|
| | Years of Study | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| More Than 4 Years | 16,506 | 21 | 45 | 55 | 530 | 548 | 514 | |
| 4 Years | 45,512 | 58 | 46 | 54 | 517 | 521 | 498 | |
| 3 Years | 10,512 | 13 | 43 | 57 | 475 | 469 | 451 | |
| 2 Years | 1,374 | 2 | 50 | 50 | 452 | 474 | 437 | |
| 1 Year | 992 | 1 | 51 | 49 | 452 | 471 | 432 | |
| 1/2 Year or Less | 4,132 | 5 | 45 | 55 | 420 | 420 | 399 | |
| No Response | 13,541 | | 49 | 51 | 460 | 467 | 441 | |
| AP/Honors Courses | 31,888 | 40 | 46 | 54 | 558 | 583 | 544 | |
| Highest Level of Mathematics Achieved* | | | | | | | | |
| Calculus | 29,935 | 37 | 50 | 50 | 560 | 589 | 546 | |
| Pre-calculus | 21,168 | 26 | 42 | 58 | 499 | 500 | 479 | |
| Geometry | 27,405 | 34 | 44 | 56 | 457 | 442 | 432 | |
| Algebra II | 1,262 | 2 | 45 | 55 | 422 | 407 | 399 | |
| Algebra I | 450 | 1 | 46 | 54 | 389 | 367 | 366 | |

*To better reflect the relationship between students' SAT scores and their Mathematics course work, course work is now being displayed as the highest level of mathematics achieved. This means that each student is counted only once under their highest level of mathematics course taken.

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 16: Natural Sciences, Social Sciences and History

| Natural Sciences | Test-Takers | | Percent by Gender | | SAT Mean Scores | | | |
|----------------------------------|----------------|--------|-------------------|------|-----------------|------------------|-------------|---------|
| | Years of Study | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| More Than 4 Years | 12,280 | 17 | 43 | 57 | 534 | 548 | 519 | |
| 4 Years | 39,902 | 54 | 46 | 54 | 522 | 528 | 504 | |
| 3 Years | 15,440 | 21 | 44 | 56 | 484 | 483 | 462 | |
| 2 Years | 2,036 | 3 | 48 | 52 | 472 | 485 | 454 | |
| 1 Year | 1,125 | 2 | 46 | 54 | 469 | 483 | 453 | |
| 1/2 Year or Less | 3,229 | 4 | 46 | 54 | 424 | 430 | 404 | |
| No Response | 18,557 | | 50 | 50 | 462 | 469 | 441 | |
| AP/Honors Courses | 28,480 | 38 | 44 | 56 | 563 | 579 | 549 | |
| Course Work or Experience | | | | | | | | |
| Biology | 77,896 | 98 | 45 | 55 | 505 | 511 | 486 | |
| Chemistry | 74,395 | 94 | 45 | 55 | 509 | 516 | 490 | |
| Physics | 49,064 | 62 | 49 | 51 | 525 | 539 | 507 | |
| Geology, Earth, or Space Science | 37,210 | 47 | 46 | 54 | 494 | 496 | 473 | |
| Other Sciences | 30,878 | 39 | 40 | 60 | 503 | 504 | 484 | |

| Social Sciences and History | Test-Takers | | Percent by Gender | | SAT Mean Scores | | | |
|----------------------------------|----------------|--------|-------------------|------|-----------------|------------------|-------------|---------|
| | Years of Study | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| More Than 4 Years | 10,163 | 14 | 43 | 57 | 528 | 533 | 512 | |
| 4 Years | 43,892 | 60 | 45 | 55 | 523 | 528 | 504 | |
| 3 Years | 13,339 | 18 | 44 | 56 | 486 | 493 | 467 | |
| 2 Years | 1,984 | 3 | 49 | 51 | 467 | 484 | 449 | |
| 1 Year | 1,113 | 2 | 46 | 54 | 456 | 470 | 439 | |
| 1/2 Year or Less | 2,896 | 4 | 45 | 55 | 419 | 429 | 400 | |
| No Response | 19,182 | | 50 | 50 | 462 | 469 | 441 | |
| AP/Honors Courses | 29,497 | 40 | 44 | 56 | 563 | 570 | 548 | |
| Course Work or Experience | | | | | | | | |
| U.S. History | 71,897 | 92 | 45 | 55 | 508 | 514 | 489 | |
| World History or Cultures | 63,235 | 81 | 45 | 55 | 506 | 512 | 487 | |
| U.S. Government or Civics | 52,173 | 67 | 45 | 55 | 507 | 512 | 487 | |
| Economics | 23,763 | 30 | 47 | 53 | 516 | 525 | 497 | |
| Geography | 9,998 | 13 | 46 | 54 | 502 | 507 | 483 | |
| Psychology | 30,957 | 40 | 35 | 65 | 517 | 517 | 499 | |
| European History | 18,571 | 24 | 48 | 52 | 542 | 546 | 525 | |
| Sociology | 14,557 | 19 | 35 | 65 | 504 | 501 | 484 | |
| Ancient History | 7,040 | 9 | 49 | 51 | 517 | 514 | 499 | |
| Other Courses | 14,390 | 18 | 44 | 56 | 501 | 503 | 480 | |

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 17: Foreign and Classical Languages

| Foreign and Classical Languages Years of Study | Test-Takers | | Percent by Gender | | SAT Mean Scores | | |
|---|-------------|-----|-------------------|--------|------------------|-------------|---------|
| | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| More Than 4 Years | 6,913 | 9 | 39 | 61 | 556 | 564 | 546 |
| 4 Years | 18,694 | 25 | 41 | 59 | 552 | 558 | 541 |
| 3 Years | 20,247 | 28 | 46 | 54 | 516 | 523 | 497 |
| 2 Years | 19,055 | 26 | 48 | 52 | 482 | 485 | 456 |
| 1 Year | 3,405 | 5 | 48 | 52 | 449 | 452 | 420 |
| 1/2 Year or Less | 5,076 | 7 | 49 | 51 | 425 | 433 | 401 |
| No Response | 19,179 | | 50 | 50 | 461 | 468 | 440 |
| AP/Honors Courses | 15,963 | 22 | 40 | 60 | 574 | 584 | 566 |
| Course Work or Experience | | | | | | | |
| Chinese | 1,617 | 2 | 48 | 52 | 521 | 546 | 504 |
| French | 14,275 | 19 | 36 | 64 | 523 | 520 | 504 |
| German | 7,044 | 9 | 56 | 44 | 525 | 528 | 496 |
| Greek | 202 | 0 | 49 | 51 | 540 | 523 | 525 |
| Hebrew | 172 | 0 | 41 | 59 | 521 | 511 | 514 |
| Italian | 1,332 | 2 | 45 | 55 | 501 | 499 | 485 |
| Japanese | 502 | 1 | 45 | 55 | 520 | 519 | 489 |
| Korean | 110 | 0 | 34 | 66 | 432 | 467 | 432 |
| Latin | 5,598 | 7 | 48 | 52 | 551 | 549 | 532 |
| Russian | 243 | 0 | 51 | 49 | 499 | 504 | 484 |
| Spanish | 53,186 | 69 | 45 | 55 | 500 | 507 | 483 |
| Other Languages | 857 | 1 | 40 | 60 | 465 | 476 | 453 |

Note: Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.

Academic Information

Course-Taking Patterns

Table 18: Arts and Music

| Arts and Music Years of Study | Test-Takers | | Percent by Gender | | SAT Mean Scores | | |
|--|--------------------|-----|--------------------------|--------|------------------------|-------------|---------|
| | Number | Pct | Male | Female | Critical Reading | Mathematics | Writing |
| More Than 4 Years | 4,733 | 13 | 31 | 69 | 525 | 518 | 505 |
| 4 Years | 6,968 | 19 | 34 | 66 | 527 | 520 | 508 |
| 3 Years | 4,095 | 11 | 35 | 65 | 497 | 493 | 476 |
| 2 Years | 5,944 | 16 | 41 | 59 | 492 | 492 | 470 |
| 1 Year | 5,856 | 16 | 47 | 53 | 496 | 501 | 476 |
| 1/2 Year or Less | 8,930 | 24 | 54 | 46 | 482 | 493 | 460 |
| No Response | 56,043 | | 49 | 51 | 499 | 509 | 481 |
| AP/Honors Courses | 3,007 | 8 | 34 | 66 | 553 | 550 | 539 |
| Course Work or Experience | | | | | | | |
| Acting or Play Production | 12,344 | 17 | 31 | 69 | 541 | 526 | 522 |
| Art History or Appreciation | 10,548 | 15 | 35 | 65 | 511 | 503 | 493 |
| Dance | 7,822 | 11 | 10 | 90 | 499 | 494 | 488 |
| Drama: Study or Appreciation | 8,713 | 12 | 29 | 71 | 520 | 506 | 503 |
| Music: Study or Appreciation | 11,970 | 17 | 45 | 55 | 530 | 522 | 510 |
| Music Performance | 28,673 | 40 | 38 | 62 | 528 | 527 | 509 |
| Photography or Film | 14,762 | 21 | 33 | 67 | 509 | 506 | 493 |
| Studio Art and Design | 15,722 | 22 | 32 | 68 | 520 | 517 | 503 |
| None | 18,327 | 26 | 60 | 40 | 490 | 507 | 468 |

SAT Subject Tests™ Data

Table 19: Number of Test-Takers and Tests for SAT Subject Tests

| Students Who Took SAT Subject Tests | | Students Who Took an SAT Subject Test and Also Took the SAT | | | |
|-------------------------------------|-----------------|---|-----------------------|------------------|--------------|
| Number of Test-Takers | Number of Tests | Number of Test-Takers | Critical Reading Mean | Mathematics Mean | Writing Mean |
| 7,957 | 19,226 | 7,230 | 636 | 661 | 633 |

| Students Who Took One or More Different SAT Subject Tests | | |
|---|-----------------------|---|
| Number of Tests Taken | Number of Test-Takers | Percent of Total Test-Takers Who Took One or More Tests |
| 1 | 1,022 | 13 |
| 2 | 3,581 | 45 |
| 3 | 2,615 | 33 |
| 4 or More | 739 | 9 |

Table 20: Mean Scores for SAT Subject Test Takers and for Students Who Also Took the SAT

Most, but not all, students who take SAT Subject Tests also take the SAT. This table provides SAT Subject Test scores for students who took SAT Subject Tests. It also provides the SAT scores for those students who also took the pre-March 2016 SAT.

| | SAT Subject Test | | | SAT | | | | | | |
|--|------------------|------|-----|-------|-----------------------|-----|------------------|-----|--------------|-----|
| | N | Mean | SD | N | Critical Reading Mean | SD | Mathematics Mean | SD | Writing Mean | SD |
| English | | | | | | | | | | |
| Literature | 2,259 | 602 | 123 | 1,948 | 636 | 113 | 619 | 110 | 627 | 120 |
| History and Social Studies | | | | | | | | | | |
| U.S. History | 2,413 | 636 | 114 | 2,133 | 652 | 94 | 654 | 97 | 649 | 100 |
| World History | 357 | 636 | 107 | 337 | 677 | 87 | 668 | 86 | 673 | 95 |
| Mathematics | | | | | | | | | | |
| Mathematics Level 1 | 2,686 | 600 | 118 | 2,308 | 606 | 108 | 628 | 106 | 602 | 117 |
| Mathematics Level 2 | 4,479 | 690 | 91 | 4,206 | 652 | 92 | 700 | 75 | 654 | 92 |
| Science | | | | | | | | | | |
| Biology-E | 885 | 628 | 105 | 786 | 646 | 97 | 656 | 94 | 637 | 104 |
| Biology-M | 1,376 | 667 | 90 | 1,277 | 655 | 85 | 677 | 84 | 658 | 92 |
| Chemistry | 2,375 | 659 | 101 | 2,189 | 649 | 93 | 691 | 84 | 651 | 97 |
| Physics | 1,356 | 653 | 89 | 1,296 | 646 | 91 | 705 | 72 | 644 | 92 |
| Foreign and Classical Languages | | | | | | | | | | |
| Chinese/Listening | 57 | 737 | 86 | 53 | 647 | 109 | 701 | 91 | 660 | 118 |
| French | 219 | 616 | 113 | 204 | 658 | 86 | 655 | 85 | 673 | 83 |
| French/Listening | 55 | 618 | 107 | 51 | 664 | 81 | 633 | 89 | 669 | 78 |
| German | 36 | 586 | 116 | 36 | 655 | 84 | 657 | 101 | 661 | 89 |
| German/Listening | 22 | 560 | | 21 | 657 | | 642 | | 651 | |
| Modern Hebrew | 15 | 647 | | 13 | 679 | | 662 | | 713 | |
| Italian | 14 | 644 | | 12 | 633 | | 637 | | 652 | |
| Japanese/Listening | 23 | 690 | | 23 | 616 | | 699 | | 643 | |
| Korean/Listening | 19 | 768 | | 19 | 560 | | 644 | | 603 | |
| Latin | 118 | 637 | 104 | 111 | 687 | 83 | 694 | 76 | 685 | 82 |
| Spanish | 401 | 606 | 115 | 370 | 633 | 96 | 640 | 98 | 646 | 104 |
| Spanish/Listening | 61 | 589 | 113 | 59 | 645 | 83 | 626 | 83 | 639 | 88 |

SAT Subject Tests Score Distributions

Table 21: English, History and Social Studies

| SAT Subject Tests | English | | History and Social Studies | | | |
|-------------------|------------|-----|----------------------------|-----|---------------|-----|
| | Literature | | U.S. History | | World History | |
| | N | Pct | N | Pct | N | Pct |
| 750-800 | 206 | 9 | 395 | 16 | 70 | 20 |
| 700-740 | 371 | 16 | 486 | 20 | 47 | 13 |
| 650-690 | 440 | 19 | 455 | 19 | 58 | 16 |
| 600-640 | 344 | 15 | 365 | 15 | 49 | 14 |
| 550-590 | 256 | 11 | 233 | 10 | 57 | 16 |
| 500-540 | 139 | 6 | 166 | 7 | 43 | 12 |
| 450-490 | 153 | 7 | 98 | 4 | 20 | 6 |
| 400-440 | 169 | 7 | 81 | 3 | 7 | 2 |
| 350-390 | 128 | 6 | 101 | 4 | 5 | 1 |
| 300-340 | 47 | 2 | 31 | 1 | 1 | 0 |
| 250-290 | 6 | 0 | 2 | 0 | | |
| 200-240 | | | | | | |
| Total | 2,259 | | 2,413 | | 357 | |
| Mean | 602 | | 636 | | 636 | |
| SD | 123 | | 114 | | 107 | |
| 75th percentile | 700 | | 720 | | 720 | |
| 50th percentile | 630 | | 660 | | 640 | |
| 25th percentile | 520 | | 570 | | 550 | |

Table 22: Mathematics, Science

| SAT Subject Tests | Mathematics | | | | Science | | | | | | | |
|-------------------|---------------------|-----|---------------------|-----|-----------|-----|-----------|-----|-----------|-----|---------|-----|
| | Mathematics Level 1 | | Mathematics Level 2 | | Biology-E | | Biology-M | | Chemistry | | Physics | |
| | N | Pct | N | Pct | N | Pct | N | Pct | N | Pct | N | Pct |
| 750-800 | 152 | 6 | 1,552 | 35 | 97 | 11 | 295 | 21 | 545 | 23 | 238 | 18 |
| 700-740 | 515 | 19 | 781 | 17 | 157 | 18 | 304 | 22 | 462 | 19 | 228 | 17 |
| 650-690 | 501 | 19 | 806 | 18 | 184 | 21 | 261 | 19 | 428 | 18 | 265 | 20 |
| 600-640 | 429 | 16 | 673 | 15 | 161 | 18 | 256 | 19 | 335 | 14 | 260 | 19 |
| 550-590 | 312 | 12 | 413 | 9 | 114 | 13 | 135 | 10 | 270 | 11 | 207 | 15 |
| 500-540 | 220 | 8 | 124 | 3 | 71 | 8 | 66 | 5 | 144 | 6 | 99 | 7 |
| 450-490 | 181 | 7 | 56 | 1 | 48 | 5 | 29 | 2 | 102 | 4 | 43 | 3 |
| 400-440 | 165 | 6 | 45 | 1 | 22 | 2 | 13 | 1 | 71 | 3 | 13 | 1 |
| 350-390 | 168 | 6 | 17 | 0 | 16 | 2 | 12 | 1 | 18 | 1 | 3 | 0 |
| 300-340 | 37 | 1 | 12 | 0 | 14 | 2 | 5 | 0 | | | | |
| 250-290 | 6 | 0 | | | 1 | 0 | | | | | | |
| 200-240 | | | | | | | | | | | | |
| Total | 2,686 | | 4,479 | | 885 | | 1,376 | | 2,375 | | 1,356 | |
| Mean | 600 | | 690 | | 628 | | 667 | | 659 | | 653 | |
| SD | 118 | | 91 | | 105 | | 90 | | 101 | | 89 | |
| 75th percentile | 690 | | 770 | | 700 | | 740 | | 740 | | 720 | |
| 50th percentile | 630 | | 700 | | 640 | | 680 | | 680 | | 650 | |
| 25th percentile | 520 | | 630 | | 570 | | 610 | | 590 | | 590 | |

SAT Subject Tests Score Distributions

Table 23: Foreign and Classical Languages

| SAT Subject Tests | Foreign and Classical Languages | | | | | | | | | | | |
|-------------------|---------------------------------|-----|--------|-----|------------------|-----|--------|-----|------------------|-----|---------------|-----|
| | Chinese/Listening | | French | | French/Listening | | German | | German/Listening | | Modern Hebrew | |
| | N | Pct | N | Pct | N | Pct | N | Pct | N | Pct | N | Pct |
| 750-800 | 39 | 68 | 36 | 16 | 9 | 16 | 5 | 14 | 1 | 5 | 5 | 33 |
| 700-740 | 6 | 11 | 29 | 13 | 3 | 5 | 2 | 6 | 1 | 5 | | |
| 650-690 | 4 | 7 | 30 | 14 | 12 | 22 | 3 | 8 | 5 | 23 | 3 | 20 |
| 600-640 | 1 | 2 | 22 | 10 | 9 | 16 | 8 | 22 | 1 | 5 | 3 | 20 |
| 550-590 | 3 | 5 | 30 | 14 | 7 | 13 | 6 | 17 | 4 | 18 | 1 | 7 |
| 500-540 | 3 | 5 | 38 | 17 | 5 | 9 | 3 | 8 | 3 | 14 | | |
| 450-490 | 1 | 2 | 19 | 9 | 6 | 11 | 2 | 6 | 3 | 14 | 1 | 7 |
| 400-440 | | | 13 | 6 | 4 | 7 | 6 | 17 | 4 | 18 | 2 | 13 |
| 350-390 | | | 2 | 1 | | | 1 | 3 | | | | |
| 300-340 | | | | | | | | | | | | |
| 250-290 | | | | | | | | | | | | |
| 200-240 | | | | | | | | | | | | |
| Total | 57 | | 219 | | 55 | | 36 | | 22 | | 15 | |
| Mean | 737 | | 616 | | 618 | | 586 | | 560 | | 647 | |
| SD | 86 | | 113 | | 107 | | 116 | | | | | |
| 75th percentile | 800 | | 710 | | 680 | | 660 | | 650 | | | |
| 50th percentile | 780 | | 610 | | 620 | | 580 | | 560 | | | |
| 25th percentile | 710 | | 520 | | 530 | | 490 | | 450 | | | |

Table 24: Foreign and Classical Languages (continued)

| SAT Subject Tests | Foreign and Classical Languages | | | | | | | | | | | |
|-------------------|---------------------------------|-----|--------------------|-----|------------------|-----|-------|-----|---------|-----|-------------------|-----|
| | Italian | | Japanese/Listening | | Korean/Listening | | Latin | | Spanish | | Spanish/Listening | |
| | N | Pct | N | Pct | N | Pct | N | Pct | N | Pct | N | Pct |
| 750-800 | 3 | 21 | 9 | 39 | 17 | 89 | 22 | 19 | 45 | 11 | 6 | 10 |
| 700-740 | 3 | 21 | 5 | 22 | 1 | 5 | 21 | 18 | 55 | 14 | 4 | 7 |
| 650-690 | 1 | 7 | 2 | 9 | 1 | 5 | 14 | 12 | 63 | 16 | 11 | 18 |
| 600-640 | 2 | 14 | 2 | 9 | | | 18 | 15 | 64 | 16 | 10 | 16 |
| 550-590 | 4 | 29 | 3 | 13 | | | 14 | 12 | 56 | 14 | 9 | 15 |
| 500-540 | | | | | | | 17 | 14 | 41 | 10 | 10 | 16 |
| 450-490 | | | 1 | 4 | | | 9 | 8 | 38 | 9 | 3 | 5 |
| 400-440 | | | | | | | 3 | 3 | 20 | 5 | 4 | 7 |
| 350-390 | 1 | 7 | 1 | 4 | | | | | 13 | 3 | 4 | 7 |
| 300-340 | | | | | | | | | 6 | 1 | | |
| 250-290 | | | | | | | | | | | | |
| 200-240 | | | | | | | | | | | | |
| Total | 14 | | 23 | | 19 | | 118 | | 401 | | 61 | |
| Mean | 644 | | 690 | | 768 | | 637 | | 606 | | 589 | |
| SD | | | | | | | 104 | | 115 | | 113 | |
| 75th percentile | | | 790 | | | | 730 | | 690 | | 670 | |
| 50th percentile | | | 710 | | | | 640 | | 620 | | 590 | |
| 25th percentile | | | 590 | | | | 540 | | 520 | | 510 | |

College Plans

Table 25: Intended College Major, Degree-Level Goal

| SAT Intended College Major | Test-Takers | | Mean Scores | | |
|--|-------------|-----|------------------|-------------|---------|
| | Number | Pct | Critical Reading | Mathematics | Writing |
| Agriculture, Agriculture Operations, and Related Sciences | 694 | 1 | 479 | 479 | 453 |
| Architecture and Related Services | 877 | 1 | 491 | 519 | 472 |
| Area, Ethnic, Cultural and Gender Studies | 63 | 0 | 540 | 494 | 510 |
| Biological and Biomedical Sciences | 5,255 | 7 | 539 | 544 | 521 |
| Business Management, Marketing, and Related Support Services | 10,243 | 13 | 497 | 516 | 483 |
| Communication, Journalism and Related Programs | 2,001 | 3 | 512 | 490 | 502 |
| Computer and Information Sciences and Support Services | 2,932 | 4 | 533 | 550 | 496 |
| Construction Trades | 88 | 0 | 428 | 457 | 399 |
| Education | 4,415 | 6 | 486 | 484 | 473 |
| Engineering | 7,838 | 10 | 539 | 581 | 515 |
| Engineering Technologies/Technicians | 848 | 1 | 478 | 511 | 449 |
| English Language and Literature/Letters | 870 | 1 | 580 | 520 | 559 |
| Family and Consumer Sciences/Human Sciences | 190 | 0 | 464 | 457 | 455 |
| Foreign Languages, Literatures, and Linguistics | 454 | 1 | 570 | 538 | 551 |
| Health Professions and Related Clinical Services | 15,816 | 20 | 487 | 495 | 476 |
| History | 717 | 1 | 538 | 501 | 500 |
| Legal Professions and Studies | 1,499 | 2 | 517 | 502 | 495 |
| Liberal Arts and Sciences, General Studies, and Humanities | 416 | 1 | 540 | 517 | 517 |
| Library Science And Administration | 14 | 0 | 549 | 514 | 507 |
| Mathematics and Statistics | 808 | 1 | 540 | 604 | 533 |
| Mechanic and Repair Technologies/Technician | 146 | 0 | 435 | 461 | 397 |
| Military Technologies And Applied Sciences | 284 | 0 | 489 | 499 | 456 |
| Multi/Interdisciplinary Studies | 544 | 1 | 580 | 582 | 564 |
| Natural Resources and Conservation | 488 | 1 | 509 | 501 | 478 |
| Parks, Recreation, Leisure and Fitness Studies | 600 | 1 | 445 | 467 | 431 |
| Personal and Culinary Services | 254 | 0 | 457 | 447 | 424 |
| Philosophy and Religious Studies | 158 | 0 | 534 | 513 | 503 |
| Physical Sciences | 1,319 | 2 | 553 | 572 | 527 |
| Precision Production | 11 | 0 | 441 | 442 | 383 |
| Psychology | 3,552 | 5 | 502 | 481 | 482 |
| Public Administration and Social Services Professions | 257 | 0 | 488 | 462 | 465 |
| Security and Protective Services | 2,458 | 3 | 458 | 460 | 436 |
| Social Sciences | 1,326 | 2 | 559 | 536 | 535 |
| Theology and Religious Vocations | 115 | 0 | 537 | 508 | 505 |
| Transportation and Materials Moving | 28 | 0 | 516 | 515 | 493 |
| Visual and Performing Arts | 4,488 | 6 | 514 | 495 | 492 |
| Other | 1,302 | 2 | 464 | 466 | 445 |
| Undecided | 5,367 | 7 | 529 | 536 | 511 |
| Degree-Level Goal | | | | | |
| Certificate Program | 501 | 1 | 436 | 445 | 414 |
| Associate Degree | 1,162 | 1 | 425 | 427 | 400 |
| Bachelor's Degree | 27,625 | 34 | 483 | 488 | 461 |
| Master's Degree | 25,114 | 31 | 514 | 522 | 498 |
| Doctoral or Related Degree | 15,232 | 19 | 539 | 546 | 524 |
| Other | 346 | 0 | 427 | 437 | 405 |
| Undecided | 12,114 | 15 | 508 | 510 | 486 |

College Plans

Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students

Of the 93,296 students from your state who took the SAT and/or an SAT Subject Test, 66,304 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 2,249 institutions received score reports from your students.

| Institution | State | Type | Number of Students | Percent of Score Senders* |
|---|-------|---------|--------------------|---------------------------|
| Penn State University Park | PA | Public | 24,165 | 36.4 |
| University of Pittsburgh | PA | Private | 13,295 | 20.1 |
| Temple University | PA | Private | 11,483 | 17.3 |
| West Chester University of Pennsylvania | PA | Public | 8,758 | 13.2 |
| Bloomsburg University of Pennsylvania | PA | Public | 6,349 | 9.6 |
| Drexel University | PA | Private | 6,293 | 9.5 |
| Indiana University of Pennsylvania | PA | Public | 5,072 | 7.6 |
| Kutztown University of Pennsylvania | PA | Public | 4,739 | 7.1 |
| Millersville University of Pennsylvania | PA | Public | 4,127 | 6.2 |
| University of Pennsylvania | PA | Private | 3,846 | 5.8 |
| Shippensburg University of Pennsylvania | PA | Public | 3,813 | 5.8 |
| NCAA Eligibility Center | IN | Public | 3,810 | 5.7 |
| Robert Morris University | PA | Private | 3,553 | 5.4 |
| Duquesne University | PA | Private | 3,421 | 5.2 |
| Slippery Rock University of Pennsylvania | PA | Public | 3,342 | 5.0 |
| University of Delaware | DE | Public | 3,315 | 5.0 |
| East Stroudsburg University of Pennsylvania | PA | Public | 2,755 | 4.2 |
| Villanova University | PA | Private | 2,685 | 4.0 |
| Lehigh University | PA | Private | 2,598 | 3.9 |
| West Virginia University | WV | Public | 2,477 | 3.7 |
| Arcadia University | PA | Private | 2,256 | 3.4 |
| Lock Haven University of Pennsylvania | PA | Public | 2,201 | 3.3 |
| Saint Joseph's University | PA | Private | 2,170 | 3.3 |
| Carnegie Mellon University | PA | Private | 2,112 | 3.2 |
| University of Maryland: College Park | MD | Public | 2,012 | 3.0 |
| Ohio State University: Columbus Campus | OH | Public | 1,912 | 2.9 |
| Bucknell University | PA | Private | 1,902 | 2.9 |
| Cornell University | NY | Private | 1,861 | 2.8 |
| New York University | NY | Private | 1,855 | 2.8 |
| Boston University | MA | Private | 1,852 | 2.8 |
| California University of Pennsylvania | PA | Public | 1,797 | 2.7 |
| University of Scranton | PA | Private | 1,665 | 2.5 |
| La Salle University | PA | Private | 1,649 | 2.5 |
| University of Pittsburgh at Johnstown | PA | Private | 1,644 | 2.5 |
| Clarion University of Pennsylvania | PA | Public | 1,638 | 2.5 |
| Widener University | PA | Private | 1,587 | 2.4 |
| York College of Pennsylvania | PA | Private | 1,488 | 2.2 |
| Albright College | PA | Private | 1,457 | 2.2 |
| Fordham University | NY | Private | 1,423 | 2.1 |
| Syracuse University | NY | Private | 1,418 | 2.1 |
| Johns Hopkins University | MD | Private | 1,355 | 2.0 |
| Edinboro University of Pennsylvania | PA | Public | 1,353 | 2.0 |
| Wilkes University | PA | Private | 1,328 | 2.0 |
| James Madison University | VA | Public | 1,284 | 1.9 |
| Princeton University | NJ | Private | 1,257 | 1.9 |

*Of your students who designated that their SAT and/or SAT Subject Test 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.

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The College Board International

250 Vesey Street
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