



2008 College-Bound Seniors

# State Profile Report

MONTANA

## Included in this Report

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**SAT Reasoning Test™ Data**

**SAT Subject Tests™ Data**

**Demographic and Academic Information**

**College Plans**

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## The SAT® Program

The SAT Reasoning Test™ (formerly known as the SAT® I: Reasoning Test) 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 2008* includes students who tested through March 2008.

## Using This Report

*College-Bound Seniors* presents data for high school graduates in the year 2008 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; and
- 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 Reasoning Test and in schoolwork.
- not all students in a high school, school district, or state take the SAT Reasoning Test. Since the population of test-takers is self-selected, using aggregate SAT Reasoning Test 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 Reasoning Test scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT Reasoning Test 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 Reasoning Test 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 Web site at [www.collegeboard.com](http://www.collegeboard.com).

### 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 the 200–800 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.

## The College Board: Connecting Students to College Success

The College Board is a not-for-profit membership association whose mission is to connect students to college success and opportunity. Founded in 1900, the association is composed of more than 5,400 schools, colleges, universities, and other educational organizations. Each year, the College Board serves seven million students and their parents, 23,000 high schools, and 3,500 colleges through major programs and services in college admissions, guidance, assessment, financial aid, enrollment, and teaching and learning. Among its best-known programs are the SAT®, the PSAT/NMSQT®, and the Advanced Placement Program® (AP®). The College Board is committed to the principles of excellence and equity, and that commitment is embodied in all of its programs, services, activities, and concerns.

### A note about changes to the SAT Questionnaire:

In the 2006-2007 academic year, changes to the SAT Questionnaire were made. Sections of this report most notably affected by this change are Course-Taking Patterns and Intended College Major. In this year's report, the questionnaire responses of some students were not reported as their responses did not map to the current reporting tables. For complete details on the changes please visit [www.collegeboard.com/cbs](http://www.collegeboard.com/cbs).

# Total Group Mean SAT Reasoning Test Scores

## College-Bound Seniors, 1972–2008

| <b>Year</b> | <b>Critical Reading</b> |               |              | <b>Mathematics</b> |               |              | <b>Writing</b> |               |              |
|-------------|-------------------------|---------------|--------------|--------------------|---------------|--------------|----------------|---------------|--------------|
|             | <b>Male</b>             | <b>Female</b> | <b>Total</b> | <b>Male</b>        | <b>Female</b> | <b>Total</b> | <b>Male</b>    | <b>Female</b> | <b>Total</b> |
| 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        | 504                     | 502           | 502          | 533                | 499           | 515          | 489            | 500           | 494          |
| 2008        | 504                     | 500           | 502          | 533                | 500           | 515          | 488            | 501           | 494          |

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 2000–2008, all scores are reported on the recentered scale.

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## SAT Reasoning Test™ Data

Data in this report are for high school graduates in the year 2008. Information is summarized for seniors who took the SAT Reasoning Test™ at any time during their high school years through March 2008. If a student took the test more than once, the most recent score is used.

Table 1: Overall Mean Scores

| SAT Reasoning Test | Test-Takers<br>Number | Critical Reading |    | Mathematics |    | Writing * |    | Writing Sub-Scores |     |       |     |
|--------------------|-----------------------|------------------|----|-------------|----|-----------|----|--------------------|-----|-------|-----|
|                    |                       | Mean             | SD | Mean        | SD | Mean      | SD | Multiple Choice    |     | Essay |     |
|                    |                       |                  |    |             |    |           |    | Mean               | SD  | Mean  | SD  |
| Total              | 2,648                 | 541              | 98 | 548         | 96 | 523       | 96 | 52.5               | 9.8 | 7.4   | 1.5 |

Table 2: Mean Scores by Gender

| SAT Reasoning Test | Test-Takers<br>Number | Critical Reading |     | Mathematics |    | Writing |    | Writing Sub-Scores |     |       |     |
|--------------------|-----------------------|------------------|-----|-------------|----|---------|----|--------------------|-----|-------|-----|
|                    |                       | Mean             | SD  | Mean        | SD | Mean    | SD | Multiple Choice    |     | Essay |     |
|                    |                       |                  |     |             |    |         |    | Mean               | SD  | Mean  | SD  |
| Male               | 1,189                 | 545              | 100 | 566         | 97 | 518     | 97 | 52.2               | 9.8 | 7.2   | 1.6 |
| Female             | 1,455                 | 538              | 97  | 533         | 93 | 527     | 95 | 52.7               | 9.9 | 7.5   | 1.4 |
| No Response**      | 4                     |                  |     |             |    |         |    |                    |     |       |     |

Table 3: Year in Which Seniors Last Took the SAT Reasoning Test

Scores are from the last administration in which seniors took the SAT Reasoning Test.

| SAT Reasoning Test    | Test-Takers<br>Number | Critical Reading |     | Mathematics |    | Writing |    | Writing Sub-Scores |      |       |     |
|-----------------------|-----------------------|------------------|-----|-------------|----|---------|----|--------------------|------|-------|-----|
|                       |                       | Mean             | SD  | Mean        | SD | Mean    | SD | Multiple Choice    |      | Essay |     |
|                       |                       |                  |     |             |    |         |    | Mean               | SD   | Mean  | SD  |
| Senior (2007-2008)    | 1,606                 | 532              | 96  | 537         | 96 | 515     | 93 | 51.6               | 9.5  | 7.3   | 1.5 |
| Junior (2006-2007)    | 1,031                 | 556              | 100 | 564         | 95 | 536     | 99 | 53.8               | 10.1 | 7.5   | 1.5 |
| Sophomore (2005-2006) | 11                    | 515              |     | 535         |    | 472     |    | 48.5               |      | 6.5   |     |
| Freshman (2004-2005)  |                       |                  |     |             |    |         |    |                    |      |       |     |
| Total                 | 2,648                 | 541              | 98  | 548         | 96 | 523     | 96 | 52.5               | 9.8  | 7.4   | 1.5 |

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 Reasoning Test | Test-Takers<br>Number | Critical Reading |     | Mathematics |     | Writing |     | Writing Sub-Scores |      |       |     |
|--------------------|-----------------------|------------------|-----|-------------|-----|---------|-----|--------------------|------|-------|-----|
|                    |                       | Mean             | SD  | Mean        | SD  | Mean    | SD  | Multiple Choice    |      | Essay |     |
|                    |                       |                  |     |             |     |         |     | Mean               | SD   | Mean  | SD  |
| Total Group        | 1,518,859             | 502              | 112 | 515         | 116 | 494     | 110 | 49.5               | 11.1 | 7.1   | 1.7 |

\*Writing data are based on students who took the current version of the SAT Reasoning Test, first administered in March 2005. Of the 2,648 students in this report, 2,648 students have scores on the SAT writing section. The Writing test contains one essay (30% of the total score) and 49 multiple-choice questions (70% of the total score). Essay scores range from 2-12, with a very small percentage of students (less than .3%) receiving scores of 0 on the essay, for essays written completely off topic. Multiple-choice scores range from 20-80.

\*\*'No Response' indicates that students did not answer that question, did not complete the SAT Questionnaire, or stated that they did not wish to answer that question on their SAT Questionnaire.

NOTE: Mean scores are reported when there are 5 or more test-takers. Standard deviations are reported when there are 25 or more test-takers.

## SAT Reasoning Test 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 Reasoning Test<br>Percentile | State            |             |         | Total Group      |             |         |
|----------------------------------|------------------|-------------|---------|------------------|-------------|---------|
|                                  | Critical Reading | Mathematics | Writing | Critical Reading | Mathematics | Writing |
| 75th                             | 610              | 610         | 590     | 580              | 590         | 570     |
| 50th                             | 540              | 550         | 520     | 500              | 510         | 490     |
| 25th                             | 470              | 490         | 460     | 420              | 430         | 420     |

**Table 6: Score Distributions**

| SAT Reasoning Test<br>Score Range | Critical Reading |        |       | Mathematics |        |       | Writing |        |       |
|-----------------------------------|------------------|--------|-------|-------------|--------|-------|---------|--------|-------|
|                                   | Male             | Female | Total | Male        | Female | Total | Male    | Female | Total |
| 750–800                           | 29               | 23     | 52    | 29          | 13     | 42    | 15      | 16     | 31    |
| 700–740                           | 56               | 49     | 105   | 72          | 51     | 123   | 28      | 43     | 71    |
| 650–690                           | 102              | 135    | 237   | 165         | 113    | 278   | 72      | 105    | 177   |
| 600–640                           | 187              | 216    | 403   | 199         | 186    | 385   | 140     | 175    | 315   |
| 550–590                           | 206              | 258    | 465   | 244         | 300    | 544   | 205     | 270    | 475   |
| 500–540                           | 230              | 299    | 532   | 226         | 312    | 541   | 240     | 294    | 535   |
| 450–490                           | 185              | 226    | 411   | 116         | 221    | 338   | 216     | 261    | 478   |
| 400–440                           | 122              | 150    | 272   | 89          | 158    | 247   | 149     | 169    | 320   |
| 350–390                           | 48               | 64     | 112   | 34          | 66     | 100   | 89      | 89     | 178   |
| 300–340                           | 12               | 24     | 36    | 10          | 26     | 36    | 24      | 26     | 50    |
| 250–290                           | 9                | 7      | 16    | 3           | 6      | 9     | 9       | 5      | 14    |
| 200–240                           | 3                | 4      | 7     | 2           | 3      | 5     | 2       | 2      | 4     |

**Table 7: Type of High School**

| SAT Reasoning Test     | Test-Takers |     | Percent by Gender |        | Mean Scores      |             |         |
|------------------------|-------------|-----|-------------------|--------|------------------|-------------|---------|
|                        | Number      | Pct | Male              | Female | Critical Reading | Mathematics | Writing |
| Public                 | 2,128       | 88  | 43                | 56     | 544              | 552         | 526     |
| Religiously Affiliated | 128         | 5   | 44                | 56     | 525              | 539         | 526     |
| Independent            | 173         | 7   | 61                | 39     | 529              | 516         | 521     |
| Other or Unknown       | 219         |     |                   |        |                  |             |         |

**Table 8: Test-Taking Conditions**

| SAT Reasoning Test     | Test-Takers |     | Critical Reading |     | Mathematics |     | Writing |    |
|------------------------|-------------|-----|------------------|-----|-------------|-----|---------|----|
|                        | Number      | Pct | Mean             | SD  | Mean        | SD  | Mean    | SD |
| Standard Conditions    | 2,608       | 98  | 541              | 98  | 548         | 96  | 522     | 96 |
| Nonstandard Conditions | 40          | 2   | 571              | 104 | 535         | 119 | 550     | 83 |

NOTE: Percentiles are reported when there are 20 or more test-takers.

## Demographic Information

SAT Reasoning Test: Mean Scores by Gender Within Ethnicity

Table 9: Total Mean Scores by Ethnicity

| SAT Reasoning Test<br>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                               | 40          | 2   | 496              | 110 | 477         | 113 | 463     | 101 |
| Asian, Asian American, or Pacific Islander                     | 86          | 3   | 499              | 107 | 581         | 107 | 500     | 102 |
| Black or African American                                      | 5           | 0   | 500              |     | 514         |     | 514     |     |
| Mexican or Mexican American                                    | 31          | 1   | 533              | 94  | 524         | 102 | 504     | 105 |
| Puerto Rican   | 6           | 0   | 495              |     | 482         |     | 465     |     |
| Other Hispanic, Latino, or Latin American                      | 23          | 1   | 507              |     | 513         |     | 487     |     |
| White  | 2,286       | 86  | 545              | 97  | 550         | 94  | 525     | 95  |
| Other  | 25          | 1   | 521              | 85  | 525         | 63  | 498     | 76  |
| No Response  | 146         | 6   | 535              | 105 | 528         | 103 | 533     | 101 |
| Total  | 2,648       | 100 | 541              | 98  | 548         | 96  | 523     | 96  |

Table 10: Male Mean Scores by Ethnicity

| SAT Reasoning Test<br>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                               | 23          | 1   | 509              |     | 493         |     | 464     |     |
| Asian, Asian American, or Pacific Islander                     | 37          | 1   | 519              | 96  | 581         | 99  | 492     | 105 |
| Black or African American                                      | 4           | 0   |                  |     |             |     |         |     |
| Mexican or Mexican American                                    | 13          | 0   | 560              |     | 577         |     | 518     |     |
| Puerto Rican   | 1           | 0   |                  |     |             |     |         |     |
| Other Hispanic, Latino, or Latin American                      | 8           | 0   | 526              |     | 546         |     | 469     |     |
| White  | 1,026       | 39  | 548              | 99  | 570         | 94  | 521     | 96  |
| Other  | 14          | 1   | 518              |     | 531         |     | 498     |     |
| No Response  | 63          | 2   | 530              | 115 | 530         | 106 | 530     | 103 |
| Total  | 1,189       | 45  | 545              | 100 | 566         | 97  | 518     | 97  |

Table 11: Female Mean Scores by Ethnicity

| SAT Reasoning Test<br>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                               | 16          | 1   | 477              |     | 452         |     | 463     |    |
| Asian, Asian American, or Pacific Islander                     | 49          | 2   | 483              | 112 | 580         | 113 | 506     | 99 |
| Black or African American                                      | 1           | 0   |                  |     |             |     |         |    |
| Mexican or Mexican American                                    | 18          | 1   | 513              |     | 485         |     | 494     |    |
| Puerto Rican   | 5           | 0   | 476              |     | 472         |     | 458     |    |
| Other Hispanic, Latino, or Latin American                      | 15          | 1   | 497              |     | 495         |     | 497     |    |
| White  | 1,258       | 48  | 542              | 96  | 534         | 91  | 529     | 94 |
| Other  | 11          | 0   | 525              |     | 516         |     | 499     |    |
| No Response  | 82          | 3   | 540              | 97  | 526         | 102 | 536     | 99 |
| Total  | 1,455       | 55  | 538              | 97  | 533         | 93  | 527     | 95 |

## Demographic Information

### SAT Reasoning Test: Student Background Information and Characteristics

**Table 12: Student Background Information and Characteristics**

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

| SAT Reasoning Test                             | Test-Takers |     | Critical Reading |     | Mathematics |     | Writing |     |
|--|-------------|-----|------------------|-----|-------------|-----|---------|-----|
|  | Number      | Pct | Mean             | SD  | Mean        | SD  | Mean    | SD  |
| All Test-Takers                                | 2,648       | 100 | 541              | 98  | 548         | 96  | 523     | 96  |
| <b>First Language Learned</b>                  |             |     |                  |     |             |     |         |     |
| English  | 2,331       | 94  | 543              | 97  | 547         | 95  | 523     | 95  |
| English and Another                            | 113         | 5   | 521              | 90  | 534         | 99  | 505     | 86  |
| Another Language                               | 48          | 2   | 481              | 119 | 596         | 111 | 499     | 119 |
| No Response                                    | 156         |     |                  |     |             |     |         |     |
| <b>Citizenship</b>                             |             |     |                  |     |             |     |         |     |
| U.S. Citizen / U.S. National                   | 2,416       | 98  | 542              | 97  | 547         | 94  | 522     | 95  |
| U.S. Permanent Resident or Refugee             | 17          | 1   | 508              |     | 545         |     | 493     |     |
| Citizen of Another Country                     | 25          | 1   | 428              | 95  | 640         | 96  | 484     | 113 |
| Other, Unknown, or No Response                 | 190         |     |                  |     |             |     |         |     |
| <b>Disabling Condition</b>                     |             |     |                  |     |             |     |         |     |
| Yes  | 141         | 5   | 517              | 102 | 515         | 94  | 488     | 93  |
| Unknown or No Response                         | 2,507       |     |                  |     |             |     |         |     |
| <b>Plans to Apply for Financial Aid</b>        |             |     |                  |     |             |     |         |     |
| Yes  | 1,732       | 73  | 545              | 97  | 549         | 94  | 525     | 95  |
| No   | 165         | 7   | 527              | 102 | 529         | 103 | 512     | 96  |
| Don't Know                                     | 468         | 20  | 526              | 93  | 543         | 94  | 512     | 96  |
| <b>Family Income</b>                           |             |     |                  |     |             |     |         |     |
| \$0 - \$20,000                                 | 117         | 6   | 507              | 113 | 519         | 119 | 496     | 103 |
| \$20,000–\$40,000                              | 300         | 16  | 522              | 90  | 530         | 95  | 497     | 90  |
| \$40,000–\$60,000                              | 417         | 22  | 537              | 97  | 537         | 94  | 516     | 97  |
| \$60,000–\$80,000                              | 393         | 20  | 538              | 96  | 548         | 96  | 523     | 98  |
| \$80,000–\$100,000                             | 282         | 15  | 550              | 94  | 559         | 89  | 527     | 93  |
| \$100,000–\$120,000                            | 165         | 9   | 545              | 88  | 552         | 87  | 528     | 85  |
| \$120,000–\$140,000                            | 75          | 4   | 540              | 100 | 544         | 93  | 518     | 96  |
| \$140,000–\$160,000                            | 44          | 2   | 549              | 85  | 539         | 90  | 516     | 81  |
| \$160,000–\$200,000                            | 51          | 3   | 546              | 87  | 576         | 90  | 527     | 81  |
| More than \$200,000                            | 83          | 4   | 540              | 98  | 562         | 89  | 526     | 102 |
| No Response                                    | 721         |     |                  |     |             |     |         |     |
| <b>Highest Level of Parental Education</b>     |             |     |                  |     |             |     |         |     |
| No High School Diploma                         | 17          | 1   | 449              |     | 476         |     | 434     |     |
| High School Diploma                            | 663         | 27  | 507              | 94  | 520         | 91  | 492     | 91  |
| Associate Degree                               | 168         | 7   | 514              | 95  | 523         | 93  | 493     | 98  |
| Bachelor's Degree                              | 893         | 37  | 547              | 93  | 554         | 94  | 528     | 90  |
| Graduate Degree                                | 682         | 28  | 570              | 95  | 571         | 93  | 548     | 95  |
| <b>Took the PSAT/NMSQT®</b>                    |             |     |                  |     |             |     |         |     |
| Yes, As a Junior                               | 1,253       | 55  | 546              | 98  | 552         | 95  | 526     | 94  |
| Yes, As a Sophomore or Younger                 | 239         | 10  | 539              | 87  | 540         | 90  | 518     | 85  |
| Yes, As a Junior and As a Sophomore or Younger | 320         | 14  | 582              | 91  | 581         | 91  | 569     | 94  |
| No   | 484         | 21  | 504              | 93  | 518         | 93  | 484     | 89  |

## Academic Information

### Academic Record

Table 13: High School Rank

| SAT Reasoning Test | Test-Takers |     | Percent by Gender |        | Mean Scores      |             |         |
|--------------------|-------------|-----|-------------------|--------|------------------|-------------|---------|
|                    | Number      | Pct | Male              | Female | Critical Reading | Mathematics | Writing |
| Highest Tenth      | 684         | 40  | 36                | 64     | 591              | 602         | 577     |
| Second Tenth       | 504         | 30  | 48                | 52     | 537              | 551         | 519     |
| Second Fifth       | 299         | 18  | 52                | 48     | 510              | 523         | 494     |
| Final Three Fifths | 215         | 13  | 52                | 48     | 477              | 482         | 456     |
| No Response        | 946         |     |                   |        |                  |             |         |

Table 14: High School Grade Point Average

| SAT Reasoning Test              | Test-Takers               |     | Percent by Gender |        | Mean Scores         |             |         |
|---------------------------------|---------------------------|-----|-------------------|--------|---------------------|-------------|---------|
|                                 | Number                    | Pct | Male              | Female | Critical Reading    | Mathematics | Writing |
| A+ (97–100)                     | 164                       | 7   | 27                | 73     | 612                 | 622         | 600     |
| A (93–96)                       | 675                       | 28  | 38                | 62     | 578                 | 596         | 565     |
| A- (90–92)                      | 551                       | 22  | 42                | 58     | 547                 | 554         | 525     |
| B (80–89)                       | 875                       | 36  | 50                | 49     | 508                 | 510         | 486     |
| C (70–79)                       | 179                       | 7   | 66                | 34     | 472                 | 472         | 442     |
| D, E, or F (below 70)           | 6                         | 0   | 50                | 50     | 497                 | 488         | 505     |
| No Response                     | 198                       |     |                   |        |                     |             |         |
| <b>Mean Grade Point Average</b> | <b>All Students: 3.48</b> |     | <b>Male: 3.37</b> |        | <b>Female: 3.57</b> |             |         |

Table 15: Average Years of Study in Six Academic Subjects

| SAT Reasoning Test              | Average Years of Study |             |             | Grade Point Average: Each Subject |        |       |
|---------------------------------|------------------------|-------------|-------------|-----------------------------------|--------|-------|
|                                 | Male                   | Female      | Total       | Male                              | Female | Total |
| Arts and Music                  | 2.3                    | 2.8         | 2.6         | 3.77                              | 3.92   | 3.86  |
| English and Language Arts       | 4.0                    | 4.0         | 4.0         | 3.38                              | 3.63   | 3.52  |
| Foreign and Classical Languages | 2.2                    | 2.6         | 2.4         | 3.38                              | 3.64   | 3.53  |
| Mathematics                     | 3.8                    | 3.8         | 3.8         | 3.22                              | 3.26   | 3.24  |
| Natural Sciences                | 3.5                    | 3.5         | 3.5         | 3.37                              | 3.46   | 3.42  |
| Social Sciences and History     | 3.4                    | 3.4         | 3.4         | 3.46                              | 3.57   | 3.52  |
| <b>Total for All Subjects</b>   | <b>19.2</b>            | <b>20.1</b> | <b>19.7</b> |                                   |        |       |

## Academic Information

### Course-Taking Patterns

Table 16: English, Mathematics

| <b>English and Language Arts</b> | <b>Test-Takers</b>    |        | <b>Percent by Gender</b> |      | <b>SAT Reasoning Test Mean Scores</b> |                  |             |
|----------------------------------|-----------------------|--------|--------------------------|------|---------------------------------------|------------------|-------------|
|                                  | <b>Years of Study</b> | Number | Pct                      | Male | Female                                | Critical Reading | Mathematics |
| More Than 4 Years                | 142                   | 6      | 40                       | 59   | 561                                   | 558              | 543         |
| 4 Years                          | 1,956                 | 86     | 44                       | 55   | 541                                   | 548              | 522         |
| 3 Years                          | 155                   | 7      | 49                       | 50   | 523                                   | 526              | 506         |
| 2 Years                          | 21                    | 1      | 43                       | 57   | 482                                   | 480              | 462         |
| 1 Year                           | 6                     | 0      | 33                       | 67   | 558                                   | 540              | 512         |
| 1/2 Year or Less                 | 3                     | 0      | 33                       | 67   |                                       |                  |             |
| No Response                      | 365                   |        |                          |      |                                       |                  |             |
| <b>Course Work or Experience</b> |                       |        |                          |      |                                       |                  |             |
| English/Language Arts            | 2,113                 | 95     | 44                       | 56   | 542                                   | 548              | 523         |
| Journalism                       | 342                   | 15     | 38                       | 62   | 539                                   | 534              | 522         |
| Creative Writing                 | 672                   | 30     | 41                       | 58   | 533                                   | 537              | 519         |
| American Literature              | 1,165                 | 52     | 44                       | 56   | 545                                   | 552              | 525         |
| Composition/Writing              | 1,014                 | 46     | 42                       | 58   | 537                                   | 543              | 520         |
| British Literature               | 340                   | 15     | 43                       | 56   | 552                                   | 550              | 532         |
| World Literature                 | 675                   | 30     | 44                       | 56   | 548                                   | 550              | 528         |
| Communications                   | 249                   | 11     | 39                       | 61   | 535                                   | 549              | 521         |
| Public Speaking                  | 570                   | 26     | 38                       | 61   | 540                                   | 542              | 523         |
| English As Second Language       | 47                    | 2      | 49                       | 51   | 447                                   | 533              | 455         |
| AP®/Honors Courses               | 882                   | 39     | 38                       | 62   | 589                                   | 584              | 574         |

| <b>Mathematics</b>                            | <b>Test-Takers</b>    |        | <b>Percent by Gender</b> |      | <b>SAT Reasoning Test Mean Scores</b> |                  |             |
|---|-----------------------|--------|--------------------------|------|---------------------------------------|------------------|-------------|
|   | <b>Years of Study</b> | Number | Pct                      | Male | Female                                | Critical Reading | Mathematics |
| More Than 4 Years                             | 229                   | 10     | 50                       | 50   | 571                                   | 612              | 556         |
| 4 Years                                       | 1,408                 | 62     | 44                       | 56   | 545                                   | 555              | 526         |
| 3 Years                                       | 565                   | 25     | 42                       | 58   | 524                                   | 512              | 506         |
| 2 Years                                       | 74                    | 3      | 54                       | 46   | 484                                   | 449              | 459         |
| 1 Year  | 6                     | 0      | 67                       | 33   | 535                                   | 470              | 470         |
| 1/2 Year or Less                              | 2                     | 0      | 50                       | 50   |                                       |                  |             |
| No Response                                   | 364                   |        |                          |      |                                       |                  |             |
| <b>Highest Level of Mathematics Achieved*</b> |                       |        |                          |      |                                       |                  |             |
| Calculus                                      | 703                   | 31     | 48                       | 51   | 585                                   | 616              | 570         |
| Pre-calculus                                  | 603                   | 26     | 42                       | 58   | 541                                   | 554              | 524         |
| Trigonometry                                  | 274                   | 12     | 43                       | 57   | 527                                   | 522              | 502         |
| Algebra II                                    | 566                   | 25     | 43                       | 57   | 506                                   | 490              | 485         |
| Algebra I                                     | 94                    | 4      | 44                       | 56   | 478                                   | 434              | 452         |
| AP/Honors Courses                             | 676                   | 30     | 44                       | 56   | 586                                   | 612              | 573         |

\*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.

## Academic Information

### Course-Taking Patterns

Table 17: Natural Sciences, Social Sciences and History

| <b>Natural Sciences</b>          | <b>Test-Takers</b>    |        | <b>Percent by Gender</b> |      | <b>SAT Reasoning Test Mean Scores</b> |                  |             |
|----------------------------------|-----------------------|--------|--------------------------|------|---------------------------------------|------------------|-------------|
|                                  | <b>Years of Study</b> | Number | Pct                      | Male | Female                                | Critical Reading | Mathematics |
| More Than 4 Years                | 198                   | 9      | 43                       | 57   | 578                                   | 601              | 559         |
| 4 Years                          | 1,029                 | 45     | 45                       | 55   | 556                                   | 565              | 538         |
| 3 Years                          | 734                   | 32     | 43                       | 56   | 522                                   | 523              | 504         |
| 2 Years                          | 276                   | 12     | 46                       | 54   | 506                                   | 500              | 487         |
| 1 Year                           | 27                    | 1      | 41                       | 59   | 509                                   | 550              | 501         |
| 1/2 Year or Less                 | 17                    | 1      | 35                       | 65   | 486                                   | 504              | 479         |
| No Response                      | 367                   |        |                          |      |                                       |                  |             |
| <b>Course Work or Experience</b> |                       |        |                          |      |                                       |                  |             |
| Biology                          | 2,201                 | 97     | 44                       | 56   | 542                                   | 548              | 524         |
| Chemistry                        | 1,776                 | 78     | 43                       | 57   | 549                                   | 559              | 530         |
| Physics                          | 1,065                 | 47     | 52                       | 48   | 566                                   | 585              | 546         |
| Geology, Earth, or Space Science | 1,717                 | 76     | 44                       | 55   | 543                                   | 548              | 523         |
| Other Sciences                   | 845                   | 37     | 37                       | 63   | 537                                   | 540              | 524         |
| AP/Honors Courses                | 535                   | 23     | 42                       | 58   | 587                                   | 597              | 573         |

| <b>Social Sciences and History</b> | <b>Test-Takers</b>    |        | <b>Percent by Gender</b> |      | <b>SAT Reasoning Test Mean Scores</b> |                  |             |
|------------------------------------|-----------------------|--------|--------------------------|------|---------------------------------------|------------------|-------------|
|                                    | <b>Years of Study</b> | Number | Pct                      | Male | Female                                | Critical Reading | Mathematics |
| More Than 4 Years                  | 93                    | 4      | 47                       | 53   | 584                                   | 571              | 565         |
| 4 Years                            | 959                   | 42     | 46                       | 53   | 543                                   | 544              | 524         |
| 3 Years                            | 1,025                 | 45     | 41                       | 59   | 541                                   | 553              | 523         |
| 2 Years                            | 174                   | 8      | 53                       | 47   | 509                                   | 519              | 490         |
| 1 Year                             | 16                    | 1      | 50                       | 50   | 499                                   | 525              | 476         |
| 1/2 Year or Less                   | 6                     | 0      | 33                       | 67   | 443                                   | 440              | 445         |
| No Response                        | 375                   |        |                          |      |                                       |                  |             |
| <b>Course Work or Experience</b>   |                       |        |                          |      |                                       |                  |             |
| U.S. History                       | 2,201                 | 97     | 44                       | 56   | 541                                   | 548              | 523         |
| World History or Cultures          | 1,917                 | 84     | 44                       | 56   | 545                                   | 550              | 526         |
| U.S. Government or Civics          | 1,975                 | 87     | 43                       | 57   | 544                                   | 548              | 524         |
| Economics                          | 307                   | 14     | 52                       | 48   | 529                                   | 545              | 511         |
| Geography                          | 536                   | 24     | 46                       | 54   | 516                                   | 532              | 503         |
| Psychology                         | 582                   | 26     | 33                       | 67   | 550                                   | 546              | 534         |
| European History                   | 350                   | 15     | 44                       | 56   | 558                                   | 554              | 541         |
| Sociology                          | 249                   | 11     | 38                       | 62   | 531                                   | 539              | 510         |
| Ancient History                    | 326                   | 14     | 47                       | 52   | 549                                   | 548              | 527         |
| Other Courses                      | 578                   | 25     | 42                       | 58   | 554                                   | 560              | 537         |
| AP/Honors Courses                  | 538                   | 24     | 43                       | 57   | 603                                   | 598              | 586         |

## Academic Information

### Course-Taking Patterns

Table 18: Foreign and Classical Languages

| <b>Foreign and Classical Languages</b> | <b>Test-Takers</b> |     | <b>Percent by Gender</b> |        | <b>SAT Reasoning Test Mean Scores</b> |             |         |
|--|--------------------|-----|--------------------------|--------|---------------------------------------|-------------|---------|
|  | Number             | Pct | Male                     | Female | Critical Reading                      | Mathematics | Writing |
| <b>Years of Study</b>                  |                    |     |                          |        |                                       |             |         |
| More Than 4 Years                      | 73                 | 3   | 29                       | 71     | 605                                   | 604         | 591     |
| 4 Years                                | 385                | 17  | 35                       | 65     | 574                                   | 577         | 561     |
| 3 Years                                | 452                | 20  | 40                       | 60     | 562                                   | 562         | 547     |
| 2 Years                                | 994                | 44  | 46                       | 54     | 531                                   | 540         | 508     |
| 1 Year                                 | 201                | 9   | 50                       | 50     | 506                                   | 519         | 486     |
| 1/2 Year or Less                       | 174                | 8   | 63                       | 37     | 480                                   | 492         | 462     |
| No Response                            | 369                |     |                          |        |                                       |             |         |
| <b>Course Work or Experience</b>       |                    |     |                          |        |                                       |             |         |
| Chinese                                | 8                  | 0   | 25                       | 75     | 475                                   | 636         | 508     |
| French                                 | 332                | 15  | 30                       | 70     | 557                                   | 554         | 538     |
| German                                 | 245                | 11  | 51                       | 49     | 547                                   | 556         | 530     |
| Greek                                  | 11                 | 0   | 36                       | 64     | 545                                   | 547         | 542     |
| Hebrew                                 | 2                  | 0   | 50                       | 50     |                                       |             |         |
| Italian                                | 6                  | 0   | 50                       | 50     | 537                                   | 545         | 560     |
| Japanese                               | 14                 | 1   | 50                       | 50     | 564                                   | 583         | 553     |
| Korean                                 | 4                  | 0   | 75                       | 25     |                                       |             |         |
| Latin                                  | 109                | 5   | 51                       | 49     | 615                                   | 598         | 573     |
| Russian                                | 17                 | 1   | 47                       | 53     | 540                                   | 544         | 518     |
| Spanish                                | 1,527              | 68  | 42                       | 58     | 541                                   | 548         | 524     |
| Other Languages                        | 42                 | 2   | 45                       | 55     | 504                                   | 525         | 488     |
| AP/Honors Courses                      | 155                | 7   | 29                       | 71     | 600                                   | 597         | 592     |

## Academic Information

### Course-Taking Patterns

Table 19: Arts and Music, Computers

| <b>Arts and Music</b>            | <b>Test-Takers</b>    |        | <b>Percent by Gender</b> |      | <b>SAT Reasoning Test Mean Scores</b> |                  |             |
|----------------------------------|-----------------------|--------|--------------------------|------|---------------------------------------|------------------|-------------|
|                                  | <b>Years of Study</b> | Number | Pct                      | Male | Female                                | Critical Reading | Mathematics |
| More Than 4 Years                | 189                   | 8      | 41                       | 59   | 571                                   | 568              | 552         |
| 4 Years                          | 603                   | 26     | 36                       | 64   | 555                                   | 553              | 540         |
| 3 Years                          | 323                   | 14     | 38                       | 62   | 531                                   | 532              | 509         |
| 2 Years                          | 442                   | 19     | 45                       | 55   | 531                                   | 538              | 512         |
| 1 Year                           | 634                   | 28     | 54                       | 46   | 531                                   | 548              | 510         |
| 1/2 Year or Less                 | 88                    | 4      | 60                       | 40   | 526                                   | 540              | 516         |
| No Response                      | 369                   |        |                          |      |                                       |                  |             |
| <b>Course Work or Experience</b> |                       |        |                          |      |                                       |                  |             |
| Acting or Play Production        | 467                   | 22     | 37                       | 63   | 568                                   | 556              | 549         |
| Art History or Appreciation      | 419                   | 19     | 37                       | 62   | 532                                   | 531              | 516         |
| Dance                            | 200                   | 9      | 12                       | 88   | 535                                   | 530              | 530         |
| Drama: Study or Appreciation     | 316                   | 15     | 33                       | 67   | 556                                   | 545              | 541         |
| Music: Study or Appreciation     | 287                   | 13     | 44                       | 56   | 558                                   | 557              | 542         |
| Music Performance                | 1,261                 | 58     | 40                       | 60   | 553                                   | 554              | 533         |
| Photography or Film              | 456                   | 21     | 35                       | 65   | 543                                   | 534              | 520         |
| Studio Art and Design            | 523                   | 24     | 39                       | 61   | 542                                   | 541              | 522         |
| None                             | 199                   | 9      | 57                       | 43   | 514                                   | 547              | 500         |
| AP/Honors Courses                | 124                   | 5      | 40                       | 60   | 581                                   | 583              | 575         |

| <b>Computers</b>                | <b>Test-Takers</b>               |        | <b>Percent by Gender</b> |      | <b>SAT Reasoning Test Mean Scores</b> |                  |             |
|---------------------------------|----------------------------------|--------|--------------------------|------|---------------------------------------|------------------|-------------|
|                                 | <b>Course Work or Experience</b> | Number | Pct                      | Male | Female                                | Critical Reading | Mathematics |
| Computer Literacy               | 1,578                            | 73     | 43                       | 57   | 544                                   | 548              | 525         |
| Computer Programming            | 285                              | 13     | 51                       | 49   | 525                                   | 542              | 512         |
| Word Processing                 | 1,750                            | 80     | 43                       | 57   | 544                                   | 548              | 525         |
| Internet Activity               | 1,256                            | 58     | 44                       | 56   | 545                                   | 548              | 526         |
| Using Computer Graphics         | 798                              | 37     | 47                       | 53   | 545                                   | 548              | 527         |
| Creating Spreadsheets/Databases | 940                              | 43     | 44                       | 56   | 546                                   | 554              | 528         |
| None                            | 134                              | 6      | 45                       | 55   | 538                                   | 545              | 527         |

## SAT Subject Tests™ Data

Table 20: 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 Reasoning Test |                       |                  |              |
|-------------------------------------|-----------------|--|-----------------------|------------------|--------------|
| Number of Test-Takers               | Number of Tests | Number of Test-Takers  | Critical Reading Mean | Mathematics Mean | Writing Mean |
| 226                                 | 585             | 193  | 641                   | 655              | 632          |

  

| 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   | 15                    | 7   |
| 2   | 86                    | 38  |
| 3   | 108                   | 48  |
| 4 or More   | 17                    | 8   |

Table 21: Mean Scores for SAT Subject Tests and for Students Who Also Took the SAT Reasoning Test

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

|  | SAT Subject Test |      |     | SAT Reasoning Test |                       |     |                  |    |              |    |
|--|------------------|------|-----|--------------------|-----------------------|-----|------------------|----|--------------|----|
|  | N                | Mean | SD  | N                  | Critical Reading Mean | SD  | Mathematics Mean | SD | Writing Mean | SD |
| <b>English</b>                         |                  |      |     |                    |                       |     |                  |    |              |    |
| Literature                             | 116              | 631  | 101 | 99                 | 661                   | 71  | 639              | 75 | 646          | 76 |
| <b>History and Social Studies</b>      |                  |      |     |                    |                       |     |                  |    |              |    |
| U.S. History                           | 88               | 622  | 103 | 74                 | 657                   | 74  | 639              | 82 | 635          | 77 |
| World History                          | 6                | 597  |     | 6                  | 652                   |     | 688              |    | 657          |    |
| <b>Mathematics</b>                     |                  |      |     |                    |                       |     |                  |    |              |    |
| Mathematics Level 1                    | 84               | 603  | 102 | 60                 | 616                   | 102 | 645              | 81 | 605          | 98 |
| Mathematics Level 2                    | 120              | 663  | 85  | 111                | 644                   | 99  | 684              | 63 | 641          | 88 |
| <b>Science</b>                         |                  |      |     |                    |                       |     |                  |    |              |    |
| Biology-E                              | 28               | 604  | 87  | 21                 | 639                   |     | 656              |    | 633          |    |
| Biology-M                              | 31               | 639  | 101 | 28                 | 648                   | 76  | 669              | 84 | 647          | 78 |
| Chemistry                              | 48               | 599  | 100 | 42                 | 638                   | 97  | 683              | 77 | 629          | 89 |
| Physics                                | 16               | 641  |     | 13                 | 639                   |     | 721              |    | 648          |    |
| <b>Foreign and Classical Languages</b> |                  |      |     |                    |                       |     |                  |    |              |    |
| Chinese/Listening                      | 4                |      |     | 4                  |                       |     |                  |    |              |    |
| French                                 | 4                |      |     | 3                  |                       |     |                  |    |              |    |
| French/Listening                       | 1                |      |     | 1                  |                       |     |                  |    |              |    |
| German                                 | 2                |      |     | 2                  |                       |     |                  |    |              |    |
| German/Listening                       |                  |      |     |                    |                       |     |                  |    |              |    |
| Modern Hebrew                          |                  |      |     |                    |                       |     |                  |    |              |    |
| Italian                                | 1                |      |     | 1                  |                       |     |                  |    |              |    |
| Japanese/Listening                     | 1                |      |     | 1                  |                       |     |                  |    |              |    |
| Korean/Listening                       | 4                |      |     | 4                  |                       |     |                  |    |              |    |
| Latin                                  | 2                |      |     | 2                  |                       |     |                  |    |              |    |
| Spanish                                | 24               | 593  |     | 21                 | 669                   |     | 650              |    | 665          |    |
| Spanish/Listening                      | 5                | 646  |     | 5                  | 654                   |     | 624              |    | 652          |    |

## SAT Subject Tests Score Distributions

Table 22: 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           | 12         | 10  | 10                         | 11  | 1             | 17  |
| 700-740           | 26         | 22  | 18                         | 20  |               |     |
| 650-690           | 21         | 18  | 14                         | 16  |               |     |
| 600-640           | 16         | 14  | 10                         | 11  | 2             | 33  |
| 550-590           | 14         | 12  | 16                         | 18  |               |     |
| 500-540           | 13         | 11  | 7                          | 8   | 2             | 33  |
| 450-490           | 9          | 8   | 9                          | 10  | 1             | 17  |
| 400-440           | 3          | 3   | 3                          | 3   |               |     |
| 350-390           | 2          | 2   | 1                          | 1   |               |     |
| 300-340           |            |     |                            |     |               |     |
| 250-290           |            |     |                            |     |               |     |
| 200-240           |            |     |                            |     |               |     |
| Total             | 116        |     | 88                         |     | 6             |     |
| Mean              | 631        |     | 622                        |     | 597           |     |
| SD                | 101        |     | 103                        |     |               |     |
| 75th percentile   | 710        |     | 700                        |     |               |     |
| 50th percentile   | 650        |     | 630                        |     |               |     |
| 25th percentile   | 560        |     | 550                        |     |               |     |

Table 23: 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           | 6                   | 7   | 25                  | 21  |           |     | 4         | 13  | 3         | 6   | 1       | 6   |
| 700-740           | 14                  | 17  | 19                  | 16  | 5         | 18  | 7         | 23  | 6         | 13  | 1       | 6   |
| 650-690           | 13                  | 15  | 24                  | 20  | 7         | 25  | 6         | 19  | 7         | 15  | 8       | 50  |
| 600-640           | 12                  | 14  | 20                  | 17  | 2         | 7   | 3         | 10  | 10        | 21  | 3       | 19  |
| 550-590           | 13                  | 15  | 22                  | 18  | 6         | 21  | 4         | 13  | 5         | 10  |         |     |
| 500-540           | 14                  | 17  | 8                   | 7   | 5         | 18  | 4         | 13  | 8         | 17  | 3       | 19  |
| 450-490           | 5                   | 6   | 2                   | 2   | 2         | 7   | 2         | 6   | 5         | 10  |         |     |
| 400-440           | 4                   | 5   |                     |     | 1         | 4   | 1         | 3   | 4         | 8   |         |     |
| 350-390           | 3                   | 4   |                     |     |           |     |           |     |           |     |         |     |
| 300-340           |                     |     |                     |     |           |     |           |     |           |     |         |     |
| 250-290           |                     |     |                     |     |           |     |           |     |           |     |         |     |
| 200-240           |                     |     |                     |     |           |     |           |     |           |     |         |     |
| Total             | 84                  |     | 120                 |     | 28        |     | 31        |     | 48        |     | 16      |     |
| Mean              | 603                 |     | 663                 |     | 604       |     | 639       |     | 599       |     | 641     |     |
| SD                | 102                 |     | 85                  |     | 87        |     | 101       |     | 100       |     |         |     |
| 75th percentile   | 680                 |     | 720                 |     | 680       |     | 710       |     | 660       |     |         |     |
| 50th percentile   | 600                 |     | 660                 |     | 590       |     | 670       |     | 600       |     |         |     |
| 25th percentile   | 530                 |     | 590                 |     | 530       |     | 530       |     | 520       |     |         |     |

## SAT Subject Tests Score Distributions

Table 24: 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           | 3                               | 75  | 1      | 25  |                  |     |        |     |                  |     |               |     |
| 700-740           |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| 650-690           |                                 |     | 1      | 25  |                  |     | 1      | 50  |                  |     |               |     |
| 600-640           | 1                               | 25  |        |     | 1                | 100 |        |     |                  |     |               |     |
| 550-590           |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| 500-540           |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| 450-490           |                                 |     | 1      | 25  |                  |     |        |     |                  |     |               |     |
| 400-440           |                                 |     | 1      | 25  |                  |     |        |     |                  |     |               |     |
| 350-390           |                                 |     |        |     |                  |     | 1      | 50  |                  |     |               |     |
| 300-340           |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| 250-290           |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| 200-240           |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| Total             | 4                               |     | 4      |     | 1                |     | 2      |     |                  |     |               |     |
| Mean              |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| SD                |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| 75th percentile   |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| 50th percentile   |                                 |     |        |     |                  |     |        |     |                  |     |               |     |
| 25th percentile   |                                 |     |        |     |                  |     |        |     |                  |     |               |     |

Table 25: 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           | 1                               | 100 | 1                  | 100 | 3                | 75  | 1     | 50  | 1       | 4   | 1                 | 20  |
| 700-740           |                                 |     |                    |     | 1                | 25  |       |     | 4       | 17  |                   |     |
| 650-690           |                                 |     |                    |     |                  |     |       |     | 5       | 21  | 2                 | 40  |
| 600-640           |                                 |     |                    |     |                  |     |       |     | 4       | 17  | 1                 | 20  |
| 550-590           |                                 |     |                    |     |                  |     | 1     | 50  |         |     |                   |     |
| 500-540           |                                 |     |                    |     |                  |     |       |     | 6       | 25  | 1                 | 20  |
| 450-490           |                                 |     |                    |     |                  |     |       |     | 1       | 4   |                   |     |
| 400-440           |                                 |     |                    |     |                  |     |       |     | 2       | 8   |                   |     |
| 350-390           |                                 |     |                    |     |                  |     |       |     | 1       | 4   |                   |     |
| 300-340           |                                 |     |                    |     |                  |     |       |     |         |     |                   |     |
| 250-290           |                                 |     |                    |     |                  |     |       |     |         |     |                   |     |
| 200-240           |                                 |     |                    |     |                  |     |       |     |         |     |                   |     |
| Total             | 1                               |     | 1                  |     | 4                |     | 2     |     | 24      |     | 5                 |     |
| Mean              |                                 |     |                    |     |                  |     |       |     | 593     |     | 646               |     |
| SD                |                                 |     |                    |     |                  |     |       |     |         |     |                   |     |
| 75th percentile   |                                 |     |                    |     |                  |     |       |     | 680     |     |                   |     |
| 50th percentile   |                                 |     |                    |     |                  |     |       |     | 610     |     |                   |     |
| 25th percentile   |                                 |     |                    |     |                  |     |       |     | 500     |     |                   |     |

## College Plans

Table 26: Intended College Major, Degree-Level Goal

| <b>SAT Reasoning Test</b><br><b>Intended College Major</b>   | <b>Test-Takers</b> |     | <b>Mean Scores</b> |             |         |
|--|--------------------|-----|--------------------|-------------|---------|
|  | Number             | Pct | Critical Reading   | Mathematics | Writing |
| Agriculture, Agriculture Operations, and Related Sciences    | 17                 | 1   | 482                | 512         | 464     |
| Architecture and Related Services                            | 57                 | 3   | 532                | 573         | 520     |
| Area, Ethnic, Cultural and Gender Studies                    | 4                  | 0   |                    |             |         |
| Biological and Biomedical Sciences                           | 126                | 6   | 562                | 571         | 546     |
| Business Management, Marketing, and Related Support Services | 209                | 10  | 515                | 537         | 501     |
| Communication, Journalism and Related Programs               | 62                 | 3   | 587                | 538         | 566     |
| Computer and Information Sciences and Support Services       | 57                 | 3   | 559                | 585         | 515     |
| Construction Trades  | 2                  | 0   |                    |             |         |
| Education  | 125                | 6   | 524                | 525         | 509     |
| Engineering  | 197                | 10  | 557                | 605         | 526     |
| Engineering Technologies/Technicians                         | 22                 | 1   | 516                | 568         | 475     |
| English Language and Literature/Letters                      | 37                 | 2   | 600                | 542         | 574     |
| Family and Consumer Sciences/Human Sciences                  | 6                  | 0   | 490                | 485         | 477     |
| Foreign Languages, Literatures, and Linguistics              | 23                 | 1   | 590                | 569         | 588     |
| Health Professions and Related Clinical Services             | 370                | 18  | 524                | 538         | 511     |
| History  | 41                 | 2   | 593                | 548         | 542     |
| Legal Professions and Studies                                | 54                 | 3   | 556                | 556         | 543     |
| Liberal Arts and Sciences, General Studies, and Humanities   | 19                 | 1   | 598                | 564         | 552     |
| Library Science/Librarianship                                |                    |     |                    |             |         |
| Mathematics and Statistics                                   | 11                 | 1   | 583                | 708         | 572     |
| Mechanic and Repair Technologies/Technician                  | 11                 | 1   | 478                | 491         | 465     |
| Military Sciences  | 3                  | 0   |                    |             |         |
| Multi/Interdisciplinary Studies                              | 4                  | 0   |                    |             |         |
| Natural Resources and Conservation                           | 17                 | 1   | 502                | 526         | 476     |
| Parks, Recreation, Leisure and Fitness Studies               | 8                  | 0   | 511                | 544         | 525     |
| Personal and Culinary Services                               | 18                 | 1   | 496                | 479         | 493     |
| Philosophy and Religious Studies                             | 14                 | 1   | 569                | 589         | 521     |
| Physical Sciences  | 47                 | 2   | 572                | 590         | 550     |
| Precision Production   |                    |     |                    |             |         |
| Psychology   | 76                 | 4   | 528                | 513         | 518     |
| Public Administration and Social Services Professions        | 9                  | 0   | 530                | 486         | 502     |
| Security and Protective Services                             | 30                 | 1   | 492                | 506         | 489     |
| Social Sciences  | 53                 | 3   | 588                | 566         | 570     |
| Theology and Religious Vocations                             | 7                  | 0   | 579                | 529         | 577     |
| Transportation and Materials Moving                          | 2                  | 0   |                    |             |         |
| Visual and Performing Arts                                   | 169                | 8   | 552                | 541         | 537     |
| Other  | 18                 | 1   | 499                | 488         | 464     |
| Undecided  | 80                 | 4   | 553                | 555         | 531     |
| <b>Degree-Level Goal</b>                                     |                    |     |                    |             |         |
| Certificate Program  | 19                 | 1   | 474                | 498         | 469     |
| Associate Degree   | 31                 | 1   | 474                | 456         | 448     |
| Bachelor's Degree  | 694                | 30  | 519                | 521         | 498     |
| Master's Degree  | 622                | 26  | 540                | 552         | 522     |
| Doctoral or Related Degree                                   | 441                | 19  | 574                | 582         | 556     |
| Other  | 5                  | 0   | 480                | 456         | 490     |
| Undecided  | 537                | 23  | 546                | 554         | 529     |

## College Plans

**Table 27: Institutions That Received the Most SAT Program Score Reports from Your Students**

Of the 2,681 students from your state who took the SAT Reasoning Test and/or an SAT Subject Test, 2,014 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 920 institutions received score reports from your students.

| <b>Institution</b>                       | <b>State</b> | <b>Type</b> | <b>Number of Students</b> | <b>Percent of Score Senders*</b> |
|--|--------------|-------------|---------------------------|----------------------------------|
| MONTANA STATE UNIVERSITY                 | MT           | Public      | 977                       | 48.5                             |
| UNIVERSITY OF MONTANA                    | MT           | Public      | 945                       | 46.9                             |
| CARROLL COLLEGE MONTANA                  | MT           | Private     | 264                       | 13.1                             |
| MONTANA TECH OF UNIVERSITY MONTANA       | MT           | Public      | 188                       | 9.3                              |
| UNIVERSITY OF WASHINGTON SEATTLE         | WA           | Public      | 186                       | 9.2                              |
| GONZAGA UNIVERSITY                       | WA           | Private     | 183                       | 9.1                              |
| WASHINGTON STATE UNIVERSITY              | WA           | Public      | 146                       | 7.2                              |
| UNIVERSITY OF OREGON                     | OR           | Public      | 133                       | 6.6                              |
| MONTANA STATE UNIVERSITY BILLINGS        | MT           | Public      | 124                       | 6.2                              |
| STANFORD UNIVERSITY                      | CA           | Private     | 90                        | 4.5                              |
| FLATHEAD VALLEY COMMUNITY COLLEGE        | MT           | Public      | 81                        | 4.0                              |
| CONCORDIA COLLEGE MOORHEAD MN            | MN           | Private     | 80                        | 4.0                              |
| UNIVERSITY OF MONTANA WESTERN            | MT           | Public      | 76                        | 3.8                              |
| WESTERN WASHINGTON UNIVERSITY            | WA           | Public      | 73                        | 3.6                              |
| ROCKY MOUNTAIN COLLEGE                   | MT           | Private     | 73                        | 3.6                              |
| SEATTLE UNIVERSITY                       | WA           | Private     | 72                        | 3.6                              |
| UNIVERSITY OF COLORADO BOULDER           | CO           | Public      | 68                        | 3.4                              |
| HARVARD UNDERGRADUATE ADMISSIONS         | MA           | Private     | 68                        | 3.4                              |
| UNIVERSITY OF PUGET SOUND                | WA           | Private     | 66                        | 3.3                              |
| LEWIS AND CLARK COLLEGE                  | OR           | Private     | 63                        | 3.1                              |
| UNIVERSITY OF IDAHO                      | ID           | Public      | 63                        | 3.1                              |
| PACIFIC LUTHERAN UNIVERSITY              | WA           | Private     | 62                        | 3.1                              |
| NATIONAL MERIT SCHOLARSHIP PROGRAM       | IL           | Scholarship | 62                        | 3.1                              |
| PORTLAND STATE UNIVERSITY                | OR           | Public      | 61                        | 3.0                              |
| WHITWORTH UNIVERSITY                     | WA           | Private     | 58                        | 2.9                              |
| UNIVERSITY OF PORTLAND                   | OR           | Private     | 58                        | 2.9                              |
| NCAA ELIGIBILITY CENTER                  | IA           | Public      | 56                        | 2.8                              |
| SEATTLE PACIFIC UNIVERSITY               | WA           | Private     | 55                        | 2.7                              |
| OREGON STATE UNIVERSITY                  | OR           | Public      | 54                        | 2.7                              |
| WILLAMETTE UNIVERSITY                    | OR           | Private     | 53                        | 2.6                              |
| BOISE STATE UNIVERSITY                   | ID           | Public      | 48                        | 2.4                              |
| PRINCETON UNIVERSITY                     | NJ           | Private     | 46                        | 2.3                              |
| COLLEGE OF TECHNOLOGY UNIVERSITY OF MONT | MT           | Public      | 46                        | 2.3                              |
| DARTMOUTH COLLEGE                        | NH           | Private     | 45                        | 2.2                              |
| MONTANA STATE UNIVERSITY NORTHERN        | MT           | Public      | 44                        | 2.2                              |
| WHITMAN COLLEGE                          | WA           | Private     | 44                        | 2.2                              |
| UNIVERSITY OF CALIFORNIA BERKELEY        | CA           | Public      | 44                        | 2.2                              |
| COLORADO STATE UNIVERSITY FT COLLINS     | CO           | Public      | 43                        | 2.1                              |
| ARIZONA STATE UNIVERSITY TEMPE           | AZ           | Public      | 42                        | 2.1                              |
| YALE UNIVERSITY                          | CT           | Private     | 42                        | 2.1                              |
| CORNELL UNIVERSITY                       | NY           | Private     | 41                        | 2.0                              |
| UNIVERSITY OF GREAT FALLS                | MT           | Private     | 40                        | 2.0                              |
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY    | MA           | Private     | 37                        | 1.8                              |
| NEW YORK UNIVERSITY                      | NY           | Private     | 37                        | 1.8                              |
| UNIVERSITY OF SOUTHERN CALIFORNIA        | CA           | Private     | 36                        | 1.8                              |

\*Of your students who designated that their SAT Reasoning Test 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.

# Areas Served by College Board Regional Offices



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866 392-3019  
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Rosemont, IL 60018-5158  
866 392-4086  
847 653-4528 (Fax)

## New England Regional Office

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781 663-2743 (Fax)

## Southern Regional Office

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866 392-4088  
770 225-4062 (Fax)

## Southwestern Regional Office

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Austin, TX 78735-6735  
866 392-3017  
512 721-1841 (Fax)

## Western Regional Office

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San Jose, CA 95110-1051  
866 392-4078  
408 367-1459 (Fax)

## Puerto Rico and Latin America Office

208 Ponce de León Avenue, Suite 1501  
San Juan, PR 00918-1017  
Mailing address:  
P.O. Box 71101  
San Juan, PR 00936-8001  
787 772-1200  
787 759-8629 (Fax - Reception area)  
787 764-4306 (Fax - Director's office)

## International Education Office

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202 741-4700  
202 741-4745 (Fax)

## Washington Office

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202 741-4700  
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## New York State Office

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