Included in This Report

SAT® Data
SAT Subject Tests™ Data
Demographic and Academic Information
College Plans

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

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The SAT® Program

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

Using This Report

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

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

Keep in mind, however, that:

- Relationships between test scores and other factors such as educational background, gender, racial/ethnic background, parental education, and household income are complex and interdependent. These factors do not directly affect test performance; rather, they are associated with educational experiences both on tests such as the SAT and in schoolwork.
- Not all students in a high school, school district or state take the SAT. Since the population of test-takers is self-selected, using aggregate SAT scores to compare or evaluate teachers, schools, districts, states or other educational units is not valid, and the College Board strongly discourages such uses.
- Interpreting SAT scores for subgroups requires unique considerations. The most significant factor to consider in interpreting SAT scores for any group, or subgroup, of test-takers is the proportion of students taking the test. For example, if state data are being considered, it is appropriate to recognize that in some states there are lower participation rates. Typically, test-takers in these states have strong academic backgrounds and apply to the nation’s most selective colleges and scholarship programs. For these states, it is expected that the SAT mean scores reported for students will be higher than the national average.

Statistical Definitions

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

Mean

The mean is the arithmetic average.

Percentile

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

Scaled score

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

Standard deviation (SD)

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

About the College Board

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

**College-Bound Seniors, 1972–2016**

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Note: For 1972–1986 a formula was applied to the original mean and standard deviation to convert the mean to the recentered scale. For 1987–1995 individual student scores were converted to the recentered scale and then the mean was recomputed. From 1996–1999, nearly all students received scores on the recentered scale. Any score on the original scale was converted to the recentered scale prior to computing the mean. From 2000–2016, all scores are reported on the recentered scale. Cohort data presented prior to 2007 include students testing through March of the senior year, while cohort data from 2007 to 2015 include students testing through June. Cohort data presented for 2016 includes test-takers through January 2016. For further information see www.collegeboard.org/cbs.
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Table 26: Institutions That Received the Most SAT Program Score Reports from Your Students
SAT® Data

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

Table 1: Overall Mean Scores

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| Table 2: Mean Scores by Gender

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| Table 3: Year in Which Seniors Last Took the SAT

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

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<td>Total</td>
<td>57,861</td>
<td>520  108</td>
<td>517  111</td>
<td>498  108</td>
<td>50.3  10.9</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Essay</th>
<th>Multiple Choice</th>
<th>SD</th>
<th>Mean  SD</th>
<th>Essay</th>
<th>Multiple Choice</th>
<th>SD</th>
<th>Mean  SD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 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.

<table>
<thead>
<tr>
<th>SAT</th>
<th>Test-Takers</th>
<th>Critical Reading</th>
<th>Mathematics</th>
<th>Writing</th>
<th>Writing Subscores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Mean  SD</td>
<td>Mean  SD</td>
<td>Mean  SD</td>
<td>Mean  SD</td>
</tr>
<tr>
<td>Total Group</td>
<td>1,637,589</td>
<td>494  117</td>
<td>508  121</td>
<td>482  115</td>
<td>48.4  11.7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Essay</th>
<th>Multiple Choice</th>
<th>SD</th>
<th>Mean  SD</th>
<th>Essay</th>
<th>Multiple Choice</th>
<th>SD</th>
<th>Mean  SD</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: Mean scores are reported when there are five or more test-takers. Standard deviations are reported when there are 25 or more test-takers.
### 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.

<table>
<thead>
<tr>
<th>Percentile</th>
<th>Critical Reading</th>
<th>Mathematics</th>
<th>Writing</th>
<th>Critical Reading</th>
<th>Mathematics</th>
<th>Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>75th</td>
<td>590</td>
<td>590</td>
<td>570</td>
<td>570</td>
<td>590</td>
<td>560</td>
</tr>
<tr>
<td>50th</td>
<td>520</td>
<td>510</td>
<td>490</td>
<td>490</td>
<td>500</td>
<td>480</td>
</tr>
<tr>
<td>25th</td>
<td>440</td>
<td>440</td>
<td>420</td>
<td>410</td>
<td>420</td>
<td>400</td>
</tr>
</tbody>
</table>

### Table 6: Score Distributions

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Male</th>
<th>Total</th>
<th>Female</th>
<th>Total</th>
<th>Male</th>
<th>Total</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>700-800</td>
<td>1,751</td>
<td>3,493</td>
<td>1,742</td>
<td>3,493</td>
<td>2,261</td>
<td>3,651</td>
<td>1,390</td>
<td>2,320</td>
</tr>
<tr>
<td>600-690</td>
<td>5,258</td>
<td>10,921</td>
<td>5,663</td>
<td>10,921</td>
<td>5,781</td>
<td>10,336</td>
<td>4,555</td>
<td>8,608</td>
</tr>
<tr>
<td>500-590</td>
<td>8,702</td>
<td>18,875</td>
<td>10,173</td>
<td>18,875</td>
<td>8,497</td>
<td>18,185</td>
<td>9,688</td>
<td>17,352</td>
</tr>
<tr>
<td>400-490</td>
<td>7,809</td>
<td>17,593</td>
<td>9,784</td>
<td>17,593</td>
<td>7,290</td>
<td>18,006</td>
<td>9,057</td>
<td>19,538</td>
</tr>
<tr>
<td>300-390</td>
<td>2,744</td>
<td>6,049</td>
<td>3,305</td>
<td>6,049</td>
<td>2,487</td>
<td>6,726</td>
<td>4,239</td>
<td>8,815</td>
</tr>
<tr>
<td>200-290</td>
<td>484</td>
<td>930</td>
<td>446</td>
<td>930</td>
<td>432</td>
<td>957</td>
<td>525</td>
<td>1,228</td>
</tr>
</tbody>
</table>

### Table 7: Type of High School

<table>
<thead>
<tr>
<th>SAT</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Pct</td>
<td>Male</td>
</tr>
<tr>
<td>Public</td>
<td>51,223</td>
<td>90</td>
<td>46</td>
</tr>
<tr>
<td>Religiously Affiliated</td>
<td>3,335</td>
<td>6</td>
<td>52</td>
</tr>
<tr>
<td>Independent</td>
<td>2,054</td>
<td>4</td>
<td>54</td>
</tr>
<tr>
<td>Other or Unknown</td>
<td>1,249</td>
<td>4</td>
<td>45</td>
</tr>
</tbody>
</table>

Note: Percentiles are reported when there are 20 or more test-takers.
The College Board is no longer collecting data regarding Disabling Conditions.
In June 2015, the College Board changed the collection and reporting of race/ethnicity categories to reflect US Department of Education recommendations; trends may not be available for all race/ethnicity categories.
## Demographic Information

SAT: Student Background Information and Characteristics

### Table 11: Student Background Information and Characteristics

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

<table>
<thead>
<tr>
<th>SAT</th>
<th>Test-Takers</th>
<th>Critical Reading</th>
<th>Mathematics</th>
<th>Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Mean</td>
<td>SD</td>
<td>Mean</td>
</tr>
<tr>
<td>All Test-Takers</td>
<td>57,861</td>
<td>520</td>
<td>108</td>
<td>517</td>
</tr>
</tbody>
</table>

### First Language Learned

<table>
<thead>
<tr>
<th>First Language Learned</th>
<th>Number</th>
<th>Pct</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>47,105</td>
<td>82</td>
<td>521</td>
<td>106</td>
<td>513</td>
<td>107</td>
<td>497</td>
<td>106</td>
</tr>
<tr>
<td>English and Another</td>
<td>6,906</td>
<td>12</td>
<td>519</td>
<td>113</td>
<td>526</td>
<td>121</td>
<td>503</td>
<td>116</td>
</tr>
<tr>
<td>Another Language</td>
<td>3,411</td>
<td>6</td>
<td>502</td>
<td>120</td>
<td>547</td>
<td>130</td>
<td>498</td>
<td>124</td>
</tr>
<tr>
<td>No Response</td>
<td>439</td>
<td></td>
<td>534</td>
<td>123</td>
<td>522</td>
<td>121</td>
<td>508</td>
<td>124</td>
</tr>
</tbody>
</table>

### Citizenship

<table>
<thead>
<tr>
<th>Citizenship</th>
<th>Number</th>
<th>Pct</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. Citizen / U.S. National</td>
<td>54,946</td>
<td>96</td>
<td>522</td>
<td>107</td>
<td>516</td>
<td>109</td>
<td>498</td>
<td>107</td>
</tr>
<tr>
<td>U.S. Permanent Resident or Refugee</td>
<td>1,394</td>
<td>2</td>
<td>494</td>
<td>122</td>
<td>529</td>
<td>128</td>
<td>488</td>
<td>124</td>
</tr>
<tr>
<td>Citizen of Another Country</td>
<td>952</td>
<td>2</td>
<td>489</td>
<td>116</td>
<td>573</td>
<td>136</td>
<td>497</td>
<td>125</td>
</tr>
<tr>
<td>Other, Unknown, or No Response</td>
<td>569</td>
<td></td>
<td>454</td>
<td>110</td>
<td>470</td>
<td>123</td>
<td>440</td>
<td>115</td>
</tr>
</tbody>
</table>

### Plans to Apply for Financial Aid

<table>
<thead>
<tr>
<th>Plans to Apply for Financial Aid</th>
<th>Number</th>
<th>Pct</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>38,346</td>
<td>75</td>
<td>516</td>
<td>105</td>
<td>509</td>
<td>107</td>
<td>493</td>
<td>105</td>
</tr>
<tr>
<td>No</td>
<td>3,809</td>
<td>7</td>
<td>549</td>
<td>101</td>
<td>554</td>
<td>108</td>
<td>530</td>
<td>103</td>
</tr>
<tr>
<td>Don’t Know</td>
<td>9,058</td>
<td>18</td>
<td>538</td>
<td>109</td>
<td>542</td>
<td>112</td>
<td>518</td>
<td>110</td>
</tr>
<tr>
<td>No Response</td>
<td>6,648</td>
<td></td>
<td>501</td>
<td>120</td>
<td>504</td>
<td>123</td>
<td>479</td>
<td>119</td>
</tr>
</tbody>
</table>

### Family Income

<table>
<thead>
<tr>
<th>Family Income</th>
<th>Number</th>
<th>Pct</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than $20,000</td>
<td>2,826</td>
<td>7</td>
<td>450</td>
<td>99</td>
<td>443</td>
<td>96</td>
<td>426</td>
<td>92</td>
</tr>
<tr>
<td>About $20,000 to $40,000</td>
<td>4,694</td>
<td>12</td>
<td>470</td>
<td>97</td>
<td>465</td>
<td>96</td>
<td>448</td>
<td>95</td>
</tr>
<tr>
<td>About $40,001 to $60,000</td>
<td>4,676</td>
<td>12</td>
<td>493</td>
<td>97</td>
<td>487</td>
<td>99</td>
<td>469</td>
<td>95</td>
</tr>
<tr>
<td>About $60,001 to $80,000</td>
<td>4,386</td>
<td>11</td>
<td>511</td>
<td>97</td>
<td>505</td>
<td>96</td>
<td>485</td>
<td>94</td>
</tr>
<tr>
<td>About $80,001 to $100,000</td>
<td>5,028</td>
<td>13</td>
<td>523</td>
<td>98</td>
<td>517</td>
<td>96</td>
<td>499</td>
<td>96</td>
</tr>
<tr>
<td>About $100,001 to $140,000</td>
<td>7,117</td>
<td>19</td>
<td>538</td>
<td>96</td>
<td>534</td>
<td>100</td>
<td>514</td>
<td>98</td>
</tr>
<tr>
<td>About $140,001 to $200,000</td>
<td>5,173</td>
<td>14</td>
<td>553</td>
<td>98</td>
<td>551</td>
<td>102</td>
<td>531</td>
<td>100</td>
</tr>
<tr>
<td>More than $200,000</td>
<td>4,406</td>
<td>12</td>
<td>577</td>
<td>97</td>
<td>581</td>
<td>101</td>
<td>559</td>
<td>101</td>
</tr>
<tr>
<td>No Response</td>
<td>19,555</td>
<td></td>
<td>521</td>
<td>116</td>
<td>520</td>
<td>119</td>
<td>500</td>
<td>116</td>
</tr>
</tbody>
</table>

### Highest Level of Parental Education

<table>
<thead>
<tr>
<th>Highest Level of Parental Education</th>
<th>Number</th>
<th>Pct</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>No High School Diploma</td>
<td>1,580</td>
<td>3</td>
<td>443</td>
<td>98</td>
<td>450</td>
<td>102</td>
<td>423</td>
<td>93</td>
</tr>
<tr>
<td>High School Diploma</td>
<td>13,410</td>
<td>24</td>
<td>470</td>
<td>94</td>
<td>466</td>
<td>96</td>
<td>446</td>
<td>91</td>
</tr>
<tr>
<td>Associate Degree</td>
<td>4,235</td>
<td>8</td>
<td>482</td>
<td>92</td>
<td>475</td>
<td>89</td>
<td>457</td>
<td>88</td>
</tr>
<tr>
<td>Bachelor’s Degree</td>
<td>18,461</td>
<td>34</td>
<td>531</td>
<td>98</td>
<td>529</td>
<td>102</td>
<td>509</td>
<td>99</td>
</tr>
<tr>
<td>Graduate Degree</td>
<td>17,356</td>
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<td>569</td>
<td>105</td>
<td>565</td>
<td>109</td>
<td>548</td>
<td>107</td>
</tr>
<tr>
<td>No Response</td>
<td>2,819</td>
<td></td>
<td>480</td>
<td>121</td>
<td>484</td>
<td>123</td>
<td>460</td>
<td>119</td>
</tr>
</tbody>
</table>

### Took the PSAT/NMSQT®

<table>
<thead>
<tr>
<th>Took the PSAT/NMSQT®</th>
<th>Number</th>
<th>Pct</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
<th>Mean</th>
<th>SD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes, As a Junior</td>
<td>7,412</td>
<td>17</td>
<td>518</td>
<td>109</td>
<td>519</td>
<td>111</td>
<td>499</td>
<td>109</td>
</tr>
<tr>
<td>Yes, As a Sophomore or Younger</td>
<td>11,655</td>
<td>26</td>
<td>525</td>
<td>101</td>
<td>523</td>
<td>104</td>
<td>502</td>
<td>101</td>
</tr>
<tr>
<td>Yes, As a Junior and As a Sophomore or Younger</td>
<td>21,370</td>
<td>48</td>
<td>559</td>
<td>103</td>
<td>559</td>
<td>105</td>
<td>541</td>
<td>103</td>
</tr>
<tr>
<td>No</td>
<td>4,034</td>
<td>9</td>
<td>479</td>
<td>102</td>
<td>474</td>
<td>100</td>
<td>456</td>
<td>97</td>
</tr>
<tr>
<td>No Response</td>
<td>13,390</td>
<td></td>
<td>466</td>
<td>97</td>
<td>455</td>
<td>96</td>
<td>437</td>
<td>91</td>
</tr>
</tbody>
</table>

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

#### Academic Record

<table>
<thead>
<tr>
<th>Table 12: High School Rank</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT</td>
<td>Number</td>
<td>Pct.</td>
<td>Male</td>
</tr>
<tr>
<td>Highest Tenth</td>
<td>5,998</td>
<td>27</td>
<td>46</td>
</tr>
<tr>
<td>Second Tenth</td>
<td>4,313</td>
<td>19</td>
<td>51</td>
</tr>
<tr>
<td>Second Fifth</td>
<td>2,597</td>
<td>51</td>
<td>41</td>
</tr>
<tr>
<td>Final Three Fifths</td>
<td>2,597</td>
<td>51</td>
<td>41</td>
</tr>
<tr>
<td>No Response</td>
<td>4,568</td>
<td>20</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>35,405</td>
<td>46</td>
<td>54</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Table 13: High School Grade Point Average</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT</td>
<td>Number</td>
<td>Pct.</td>
<td>Male</td>
</tr>
<tr>
<td>A+ (97–100)</td>
<td>4,119</td>
<td>7</td>
<td>38</td>
</tr>
<tr>
<td>A (93–96)</td>
<td>12,103</td>
<td>22</td>
<td>40</td>
</tr>
<tr>
<td>A– (90–92)</td>
<td>10,572</td>
<td>19</td>
<td>44</td>
</tr>
<tr>
<td>B (80–89)</td>
<td>23,810</td>
<td>43</td>
<td>49</td>
</tr>
<tr>
<td>C (70–79)</td>
<td>4,576</td>
<td>8</td>
<td>59</td>
</tr>
<tr>
<td>D, E, or F (below 70)</td>
<td>84</td>
<td>0</td>
<td>60</td>
</tr>
<tr>
<td>No Response</td>
<td>2,597</td>
<td>51</td>
<td>49</td>
</tr>
</tbody>
</table>

**Mean Grade Point Average**

- All Students: 3.41
- Male: 3.34
- Female: 3.48

<table>
<thead>
<tr>
<th>Table 14: Average Years of Study in Six Academic Subjects</th>
<th>SAT</th>
<th>Grade Point Average: Each Subject</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Average Years of Study</td>
<td>Male</td>
</tr>
<tr>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>Arts and Music</td>
<td>2.0</td>
<td>2.5</td>
</tr>
<tr>
<td>English and Language Arts</td>
<td>3.9</td>
<td>3.9</td>
</tr>
<tr>
<td>Foreign and Classical Languages</td>
<td>3.3</td>
<td>3.4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>4.1</td>
<td>4.1</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>3.8</td>
<td>3.9</td>
</tr>
<tr>
<td>Social Sciences and History</td>
<td>3.9</td>
<td>3.9</td>
</tr>
<tr>
<td><strong>Total for All Subjects</strong></td>
<td><strong>21.0</strong></td>
<td><strong>21.7</strong></td>
</tr>
</tbody>
</table>

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

Table 15: English, Mathematics

<table>
<thead>
<tr>
<th>English and Language Arts</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>SAT Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Years of Study</td>
<td>Number</td>
<td>Pct</td>
</tr>
<tr>
<td></td>
<td>More Than 4 Years</td>
<td>8,520</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>4 Years</td>
<td>32,445</td>
<td>68</td>
</tr>
<tr>
<td></td>
<td>3 Years</td>
<td>3,953</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>2 Years</td>
<td>923</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1 Year</td>
<td>671</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1/2 Year or Less</td>
<td>1,218</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>No Response</td>
<td>10,131</td>
<td>51</td>
</tr>
<tr>
<td></td>
<td>AP®/Honors Courses</td>
<td>27,613</td>
<td>58</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Work or Experience</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>SAT Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Years of Study</td>
<td>Number</td>
<td>Pct</td>
</tr>
<tr>
<td></td>
<td>English/Language Arts</td>
<td>47,128</td>
<td>97</td>
</tr>
<tr>
<td></td>
<td>Journalism</td>
<td>4,088</td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>Creative Writing</td>
<td>6,390</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>American Literature</td>
<td>21,442</td>
<td>44</td>
</tr>
<tr>
<td></td>
<td>Composition/Writing</td>
<td>18,953</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>British Literature</td>
<td>9,003</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>World Literature</td>
<td>8,949</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>Communications</td>
<td>1,795</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Public Speaking</td>
<td>4,356</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>English As Second Language</td>
<td>1,448</td>
<td>3</td>
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</table>

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>SAT Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Years of Study</td>
<td>Number</td>
<td>Pct</td>
</tr>
<tr>
<td></td>
<td>More Than 4 Years</td>
<td>18,542</td>
<td>37</td>
</tr>
<tr>
<td></td>
<td>4 Years</td>
<td>23,542</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>3 Years</td>
<td>4,661</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>2 Years</td>
<td>850</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1 Year</td>
<td>625</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>1/2 Year or Less</td>
<td>1,919</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>No Response</td>
<td>7,722</td>
<td>50</td>
</tr>
<tr>
<td></td>
<td>AP®/Honors Courses</td>
<td>23,504</td>
<td>47</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Highest Level of Mathematics Achieved*</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>SAT Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Calculus</td>
<td>18,232</td>
<td>36</td>
</tr>
<tr>
<td></td>
<td>Pre-calculus</td>
<td>11,536</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>19,959</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>Algebra II</td>
<td>1,132</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Algebra I</td>
<td>137</td>
<td>0</td>
</tr>
</tbody>
</table>

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

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

#### Course-Taking Patterns

**Table 16: Natural Sciences, Social Sciences and History**

<table>
<thead>
<tr>
<th>Natural Sciences</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>SAT Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td><strong>Years of Study</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>More Than 4 Years</td>
<td>9,326</td>
<td>44</td>
<td>56</td>
</tr>
<tr>
<td>4 Years</td>
<td>28,021</td>
<td>45</td>
<td>55</td>
</tr>
<tr>
<td>3 Years</td>
<td>6,325</td>
<td>46</td>
<td>54</td>
</tr>
<tr>
<td>2 Years</td>
<td>1,234</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>1 Year</td>
<td>719</td>
<td>49</td>
<td>51</td>
</tr>
<tr>
<td>1/2 Year or Less</td>
<td>1,389</td>
<td>45</td>
<td>55</td>
</tr>
<tr>
<td>No Response</td>
<td>10,847</td>
<td>51</td>
<td>49</td>
</tr>
<tr>
<td>AP/Honors Courses</td>
<td>22,239</td>
<td>44</td>
<td>56</td>
</tr>
</tbody>
</table>

| Course Work or Experience        |             |       |        |                 |             |         |
| Biology                           | 48,836      | 45    | 55     | 522             | 518         | 500     |
| Chemistry                         | 45,727      | 45    | 55     | 530             | 527         | 508     |
| Physics                           | 27,437      | 51    | 49     | 553             | 559         | 531     |
| Geology, Earth, or Space Science | 31,995      | 45    | 55     | 509             | 501         | 485     |
| Other Sciences                    | 17,183      | 40    | 60     | 510             | 501         | 488     |

| Social Sciences and History       |             |       |        |                 |             |         |
|                                   | Number      | Male  | Female | Critical Reading | Mathematics | Writing |
| **Years of Study**                |             |       |        |                 |             |         |
| More Than 4 Years                 | 8,469       | 44    | 56     | 554             | 550         | 535     |
| 4 Years                           | 30,238      | 45    | 55     | 533             | 528         | 510     |
| 3 Years                           | 5,000       | 47    | 53     | 486             | 483         | 464     |
| 2 Years                           | 1,237       | 51    | 49     | 482             | 490         | 462     |
| 1 Year                            | 723         | 47    | 53     | 474             | 480         | 455     |
| 1/2 Year or Less                  | 1,064       | 45    | 55     | 426             | 433         | 406     |
| No Response                       | 11,130      | 51    | 49     | 489             | 491         | 467     |
| AP/Honors Courses                 | 25,391      | 44    | 56     | 564             | 559         | 541     |

| Course Work or Experience        |             |       |        |                 |             |         |
| U.S. History                      | 47,035      | 45    | 55     | 523             | 519         | 500     |
| World History or Cultures         | 43,206      | 45    | 55     | 525             | 521         | 502     |
| U.S. Government or Civics         | 41,196      | 44    | 56     | 525             | 520         | 502     |
| Economics                         | 24,906      | 45    | 55     | 536             | 532         | 514     |
| Geography                         | 12,581      | 44    | 56     | 516             | 511         | 493     |
| Psychology                        | 15,049      | 34    | 66     | 543             | 532         | 522     |
| European History                  | 7,804       | 48    | 52     | 563             | 552         | 539     |
| Sociology                         | 4,568       | 34    | 66     | 518             | 500         | 493     |
| Ancient History                   | 6,461       | 50    | 50     | 542             | 536         | 517     |
| Other Courses                     | 5,337       | 43    | 57     | 536             | 527         | 514     |

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

### Course-Taking Patterns

### Table 17: Foreign and Classical Languages

<table>
<thead>
<tr>
<th>Years of Study</th>
<th>Number</th>
<th>Pct</th>
<th>Male</th>
<th>Female</th>
<th>Critical Reading</th>
<th>Mathematics</th>
<th>Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>More Than 4 Years</td>
<td>7,564</td>
<td>16</td>
<td>39</td>
<td>61</td>
<td>585</td>
<td>581</td>
<td>569</td>
</tr>
<tr>
<td>4 Years</td>
<td>13,643</td>
<td>29</td>
<td>44</td>
<td>56</td>
<td>551</td>
<td>546</td>
<td>531</td>
</tr>
<tr>
<td>3 Years</td>
<td>19,069</td>
<td>41</td>
<td>47</td>
<td>53</td>
<td>511</td>
<td>508</td>
<td>485</td>
</tr>
<tr>
<td>2 Years</td>
<td>3,241</td>
<td>7</td>
<td>50</td>
<td>50</td>
<td>478</td>
<td>466</td>
<td>452</td>
</tr>
<tr>
<td>1 Year</td>
<td>1,017</td>
<td>2</td>
<td>51</td>
<td>49</td>
<td>448</td>
<td>439</td>
<td>421</td>
</tr>
<tr>
<td>1/2 Year or Less</td>
<td>2,059</td>
<td>4</td>
<td>51</td>
<td>49</td>
<td>436</td>
<td>439</td>
<td>413</td>
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<tr>
<td>No Response</td>
<td>11,268</td>
<td></td>
<td>51</td>
<td>49</td>
<td>488</td>
<td>489</td>
<td>466</td>
</tr>
<tr>
<td>AP/Honors Courses</td>
<td>9,544</td>
<td>20</td>
<td>40</td>
<td>60</td>
<td>587</td>
<td>586</td>
<td>572</td>
</tr>
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</table>

### Course Work or Experience

<table>
<thead>
<tr>
<th>Language</th>
<th>Number</th>
<th>Pct</th>
<th>Male</th>
<th>Female</th>
<th>Critical Reading</th>
<th>Mathematics</th>
<th>Writing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chinese</td>
<td>649</td>
<td>1</td>
<td>47</td>
<td>53</td>
<td>576</td>
<td>602</td>
<td>559</td>
</tr>
<tr>
<td>French</td>
<td>9,416</td>
<td>19</td>
<td>37</td>
<td>63</td>
<td>535</td>
<td>522</td>
<td>511</td>
</tr>
<tr>
<td>German</td>
<td>2,883</td>
<td>6</td>
<td>60</td>
<td>40</td>
<td>545</td>
<td>534</td>
<td>511</td>
</tr>
<tr>
<td>Greek</td>
<td>96</td>
<td>0</td>
<td>43</td>
<td>57</td>
<td>564</td>
<td>532</td>
<td>538</td>
</tr>
<tr>
<td>Hebrew</td>
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<td>0</td>
<td>46</td>
<td>54</td>
<td>500</td>
<td>474</td>
<td>482</td>
</tr>
<tr>
<td>Italian</td>
<td>245</td>
<td>1</td>
<td>41</td>
<td>59</td>
<td>533</td>
<td>519</td>
<td>512</td>
</tr>
<tr>
<td>Japanese</td>
<td>597</td>
<td>1</td>
<td>49</td>
<td>51</td>
<td>549</td>
<td>548</td>
<td>516</td>
</tr>
<tr>
<td>Korean</td>
<td>124</td>
<td>0</td>
<td>37</td>
<td>63</td>
<td>517</td>
<td>558</td>
<td>510</td>
</tr>
<tr>
<td>Latin</td>
<td>6,317</td>
<td>13</td>
<td>48</td>
<td>52</td>
<td>557</td>
<td>545</td>
<td>529</td>
</tr>
<tr>
<td>Russian</td>
<td>236</td>
<td>0</td>
<td>51</td>
<td>49</td>
<td>565</td>
<td>555</td>
<td>542</td>
</tr>
<tr>
<td>Spanish</td>
<td>33,645</td>
<td>69</td>
<td>45</td>
<td>55</td>
<td>514</td>
<td>511</td>
<td>493</td>
</tr>
<tr>
<td>Other Languages</td>
<td>1,534</td>
<td>3</td>
<td>37</td>
<td>63</td>
<td>501</td>
<td>496</td>
<td>479</td>
</tr>
</tbody>
</table>

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

#### Course-Taking Patterns

**Table 18: Arts and Music**

<table>
<thead>
<tr>
<th>Years of Study</th>
<th>Number</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>SAT Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Critical Reading</td>
</tr>
<tr>
<td></td>
<td></td>
<td>35</td>
<td>65</td>
<td>546</td>
</tr>
<tr>
<td>More Than 4 Years</td>
<td>3,981</td>
<td>36</td>
<td>64</td>
<td>544</td>
</tr>
<tr>
<td>4 Years</td>
<td>4,650</td>
<td>37</td>
<td>63</td>
<td>515</td>
</tr>
<tr>
<td>3 Years</td>
<td>2,994</td>
<td>40</td>
<td>60</td>
<td>513</td>
</tr>
<tr>
<td>2 Years</td>
<td>4,389</td>
<td>47</td>
<td>53</td>
<td>518</td>
</tr>
<tr>
<td>1 Year</td>
<td>5,074</td>
<td>50</td>
<td>50</td>
<td>521</td>
</tr>
<tr>
<td>1/2 Year or Less</td>
<td>6,300</td>
<td>53</td>
<td>47</td>
<td>491</td>
</tr>
<tr>
<td>No Response</td>
<td>30,473</td>
<td>50</td>
<td>50</td>
<td>521</td>
</tr>
<tr>
<td>AP/Honors Courses</td>
<td>2,798</td>
<td>34</td>
<td>66</td>
<td>560</td>
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</tbody>
</table>

**Course Work or Experience**

<table>
<thead>
<tr>
<th></th>
<th>Number</th>
<th>Test-Takers</th>
<th>Percent by Gender</th>
<th>SAT Mean Scores</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
<td>Critical Reading</td>
</tr>
<tr>
<td>Acting or Play Production</td>
<td>7,231</td>
<td>31</td>
<td>69</td>
<td>556</td>
</tr>
<tr>
<td>Art History or Appreciation</td>
<td>5,899</td>
<td>35</td>
<td>65</td>
<td>524</td>
</tr>
<tr>
<td>Dance</td>
<td>4,205</td>
<td>11</td>
<td>89</td>
<td>518</td>
</tr>
<tr>
<td>Drama: Study or Appreciation</td>
<td>6,845</td>
<td>31</td>
<td>69</td>
<td>535</td>
</tr>
<tr>
<td>Music: Study or Appreciation</td>
<td>4,687</td>
<td>45</td>
<td>55</td>
<td>549</td>
</tr>
<tr>
<td>Music Performance</td>
<td>18,999</td>
<td>42</td>
<td>59</td>
<td>542</td>
</tr>
<tr>
<td>Photography or Film</td>
<td>8,936</td>
<td>31</td>
<td>69</td>
<td>523</td>
</tr>
<tr>
<td>Studio Art and Design</td>
<td>8,587</td>
<td>32</td>
<td>68</td>
<td>538</td>
</tr>
<tr>
<td>None</td>
<td>10,518</td>
<td>59</td>
<td>41</td>
<td>504</td>
</tr>
</tbody>
</table>

Occasional updates are made to the optional Student Questionnaire to improve student response rates. Fluctuations from year to year should be interpreted with appropriate consideration.
# SAT Subject Tests™ Data

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

<table>
<thead>
<tr>
<th>Students Who Took SAT Subject Tests</th>
<th>Students Who Took an SAT Subject Test and Also Took the SAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Test-Takers</td>
<td>Number of Tests</td>
</tr>
<tr>
<td>------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>8,766</td>
<td>21,969</td>
</tr>
</tbody>
</table>

## Students Who Took One or More Different SAT Subject Tests

<table>
<thead>
<tr>
<th>Number of Tests Taken</th>
<th>Number of Test-Takers</th>
<th>Percent of Total Test-Takers Who Took One or More Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>790</td>
<td>9</td>
</tr>
<tr>
<td>2</td>
<td>3,925</td>
<td>45</td>
</tr>
<tr>
<td>3</td>
<td>3,164</td>
<td>36</td>
</tr>
<tr>
<td>4 or More</td>
<td>887</td>
<td>10</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>SAT Subject Test</th>
<th>SAT</th>
<th>english</th>
<th>literature</th>
<th>mean</th>
<th>sd</th>
<th>N</th>
<th>critical reading mean</th>
<th>sd</th>
<th>mathematics mean</th>
<th>sd</th>
<th>writing mean</th>
<th>sd</th>
</tr>
</thead>
<tbody>
<tr>
<td>Literature</td>
<td></td>
<td>2,663</td>
<td>616</td>
<td>111</td>
<td></td>
<td>2,351</td>
<td>643</td>
<td>99</td>
<td>619</td>
<td>97</td>
<td>629</td>
<td>101</td>
</tr>
<tr>
<td>History and Social Studies</td>
<td></td>
<td>U.S. History</td>
<td>4,030</td>
<td>635</td>
<td>103</td>
<td>3,680</td>
<td>643</td>
<td>88</td>
<td>640</td>
<td>93</td>
<td>629</td>
<td>92</td>
</tr>
<tr>
<td></td>
<td></td>
<td>World History</td>
<td>759</td>
<td>631</td>
<td>100</td>
<td>703</td>
<td>662</td>
<td>80</td>
<td>657</td>
<td>89</td>
<td>644</td>
<td>86</td>
</tr>
<tr>
<td>Mathematics</td>
<td></td>
<td>Mathematics Level 1</td>
<td>2,736</td>
<td>602</td>
<td>106</td>
<td>2,411</td>
<td>604</td>
<td>97</td>
<td>623</td>
<td>94</td>
<td>597</td>
<td>98</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mathematics Level 2</td>
<td>4,921</td>
<td>687</td>
<td>89</td>
<td>4,624</td>
<td>653</td>
<td>84</td>
<td>692</td>
<td>73</td>
<td>647</td>
<td>85</td>
</tr>
<tr>
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## College Plans

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### Degree-Level Goal

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

Of the 58,956 students from your state who took the SAT and/or an SAT Subject Test, 44,742 designated that their score reports be sent to institutions. Students may designate more than one institution to receive scores. This list includes only the 45 institutions that received the most score reports. A total of 2,098 institutions received score reports from your students.

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<th>Institution</th>
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<th>Type</th>
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<th>Percent of Score Senders*</th>
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<td>George Mason University</td>
<td>VA</td>
<td>Public</td>
<td>10,643</td>
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<td>VA</td>
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*Of your students who designated that their SAT and/or SAT Subject Test score reports be sent to institutions, the ‘Percent of Score Senders’ indicates the percent of those students who had their scores sent to each institution listed.