The 9th Annual

AP® Report to the Nation

State Supplement
February 13, 2013

Vermont
Vermont

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About This Report

This report provides educators and policymakers with information they can use to celebrate their successes, understand their unique challenges, and set meaningful goals to increase opportunity for all students. It’s important to note that while AP Exams are valid measures of students’ content mastery of college-level studies in specific academic disciplines, AP results should never be used as the sole measure for gauging educational excellence and equity.

Because reliable demographic data for nonpublic schools are not available for all states, this report represents public school students only. Additionally, this report looks at students’ entire experience with AP — tracking exams taken by graduates throughout their high school careers — as opposed to reporting exam results from a particular calendar year.

Additional data are available at apreport.collegeboard.org.

Note: Throughout this report, public high school graduates represent projections supplied in Knocking at the College Door (Western Interstate Commission for Higher Education, 2008).
The AP Computer Science AB, French Literature, and Latin Literature Exams were last offered in the 2008-09 school year.

AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.

Figure 1 | Growth in AP® participation and success

- Number of graduates leaving high school having taken an AP® Exam
- Number of graduates scoring 3+ on an AP Exam during high school

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Number of Graduates</th>
<th>AP Exam Participation and Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>1,280</td>
<td>910</td>
</tr>
<tr>
<td>2007</td>
<td>1,913</td>
<td>1,311</td>
</tr>
<tr>
<td>2011</td>
<td>2,061</td>
<td>1,360</td>
</tr>
<tr>
<td>2012</td>
<td>2,151</td>
<td>1,425</td>
</tr>
</tbody>
</table>

More graduates are succeeding on AP Exams today than took them in 2002.

Figure 2 | Participation in and success on AP Exams in the class of 2012

- Percentage of graduates leaving high school having taken an AP Exam
- Percentage of graduates scoring 3+ on an AP Exam during high school

English had the greatest number of graduates scoring a 3 or higher

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Percentage of Vermont Graduating Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts</td>
<td>1.3% 0.9%</td>
</tr>
<tr>
<td>English</td>
<td>16.8% 11.8%</td>
</tr>
<tr>
<td>History and Social Sciences</td>
<td>16.8% 11.1%</td>
</tr>
<tr>
<td>Mathematics and Computer Science</td>
<td>14.4% 9.2%</td>
</tr>
<tr>
<td>Sciences</td>
<td>15.4% 8.6%</td>
</tr>
<tr>
<td>World Languages</td>
<td>3.3% 2.0%</td>
</tr>
<tr>
<td>Any Discipline</td>
<td>34.5% 22.8%</td>
</tr>
</tbody>
</table>

Total Number of Graduates: 6,238

* The AP Computer Science AB, French Literature, and Latin Literature Exams were last offered in the 2008-09 school year.
AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.
Figure 3 | Score distributions of AP Exams taken by the class of 2012 during high school

<table>
<thead>
<tr>
<th>Rank</th>
<th>Subject</th>
<th>No. of Exams</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>English Literature and Composition</td>
<td>760</td>
</tr>
<tr>
<td>2</td>
<td>Calculus AB</td>
<td>654</td>
</tr>
<tr>
<td>3</td>
<td>United States History</td>
<td>519</td>
</tr>
<tr>
<td>4</td>
<td>German Language and Culture</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>Physics C: Mechanics</td>
<td>112</td>
</tr>
<tr>
<td>6</td>
<td>Statistics</td>
<td>282</td>
</tr>
<tr>
<td>7</td>
<td>Environmental Science</td>
<td>171</td>
</tr>
<tr>
<td>8</td>
<td>Psychology</td>
<td>171</td>
</tr>
<tr>
<td>9</td>
<td>Chemistry</td>
<td>260</td>
</tr>
<tr>
<td>10</td>
<td>Biology</td>
<td>511</td>
</tr>
<tr>
<td>11</td>
<td>Spanish Language</td>
<td>105</td>
</tr>
<tr>
<td>12</td>
<td>Music Theory</td>
<td>21</td>
</tr>
<tr>
<td>13</td>
<td>Art History</td>
<td>4</td>
</tr>
<tr>
<td>14</td>
<td>Chinese Language and Culture</td>
<td>2</td>
</tr>
<tr>
<td>15</td>
<td>Comparative Government and Politics</td>
<td>1</td>
</tr>
<tr>
<td>16</td>
<td>Human Geography</td>
<td>2</td>
</tr>
<tr>
<td>17</td>
<td>Italian Language and Culture*</td>
<td>0</td>
</tr>
<tr>
<td>18</td>
<td>Japanese Language and Culture</td>
<td>1</td>
</tr>
<tr>
<td>19</td>
<td>Latin: Vergil</td>
<td>0</td>
</tr>
<tr>
<td>20</td>
<td>Spanish Literature</td>
<td>0</td>
</tr>
<tr>
<td>21</td>
<td>Studio Art: 3-D Design Portfolio</td>
<td>1</td>
</tr>
</tbody>
</table>

Due to rounding, percentages do not always add up to 100.0.

* AP Italian Language and Culture was discontinued after the 2008-09 school year, and was reinstated in 2011-12.

Discontinued subjects, as well as those with fewer than five AP Exam takers, were omitted from this figure.
Low Income

Figure 4 | Trends in AP Exam participation and success

The percentage or number of ...

- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school

... who are from low-income backgrounds

500 exams were taken by low-income graduates in the class of 2012

At time of press, the numbers of low-income students for each graduating class and for low-income AP Exam takers prior to the class of 2003 were not available.
Black/African American

23 black/African American graduates in the class of 2012 took an AP Exam during high school

Figure 5 | Trends in AP Exam participation and success

** Success data omitted when fewer than five graduates took an AP Exam.
Hispanic/Latino

The percentage or number of...
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school
... who are Hispanic/Latino

25 Hispanic/Latino graduates in the class of 2012 took an AP Exam during high school

<table>
<thead>
<tr>
<th>Graduating Class</th>
<th>Hispanic/Latino</th>
</tr>
</thead>
<tbody>
<tr>
<td>students in the graduating class</td>
<td>40</td>
</tr>
<tr>
<td>graduates leaving high school having taken an AP Exam</td>
<td>9</td>
</tr>
<tr>
<td>graduates scoring 3+ on an AP Exam during high school</td>
<td>5</td>
</tr>
</tbody>
</table>

Figure 6 | Trends in AP Exam participation and success
American Indian/Alaska Native

Figure 7 | Trends in AP Exam participation and success

The percentage or number of...
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school

... who are American Indian/Alaska Native

American Indian/Alaska Native graduates in the class of 2012 took an AP Exam during high school

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**Success data omitted when fewer than five graduates took an AP Exam.**
Figure 8 | Trends in AP Exam participation and success

The percentage or number of...
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school

... who are Asian/Asian American/Pacific Islander

Asian/Asian American/Pacific Islander graduates in the class of 2012 took an AP Exam during high school
The percentage or number of ...
- students in the graduating class
- graduates leaving high school having taken an AP Exam
- graduates scoring 3+ on an AP Exam during high school

... who are white

1,948 white graduates in the class of 2012 took an AP Exam during high school.
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the College Board was created to
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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®.
The organization also serves the
education community through
research and advocacy on behalf
of students, educators and schools.

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