**Pennsylvania State Mathematics Test Results for CPM Schools 2005-2008**

Mathematics assessment occurs in 8th and 11th grade and is reported as the percent advanced, percent proficient, percent basic, and percent below basic. These exams are all in accordance with No Child Left Behind requirements for annual yearly progress.

For 2008, the 12 schools identified as using the College Preparatory Mathematics (CPM) program have higher proficiency rates than the state averages. On average, CPM middle schools are 19.6 (2005), 15.3 (2006), 16 (2007), and 12.8 (2008) percentage points higher than the state average. CPM high schools are 18.9 (2005), 16.6 (2006), 14.1 (2007), and 13.4 (2008) points higher.

<table>
<thead>
<tr>
<th>8th grade (# CPM schools)</th>
<th>CPM schools % proficient</th>
<th>PA State % proficient</th>
<th>% points above state average</th>
<th>Ratio CPM/State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-05 (6)</td>
<td>79.4%</td>
<td>59.8%</td>
<td>19.6</td>
<td>1.33</td>
</tr>
<tr>
<td>2005-06 (6)</td>
<td>77.5%</td>
<td>62.2%</td>
<td>15.3</td>
<td>1.25</td>
</tr>
<tr>
<td>2006-07 (6)</td>
<td>83.9%</td>
<td>67.9%</td>
<td>16.0</td>
<td>1.24</td>
</tr>
<tr>
<td>2007-08 (6)</td>
<td>83.2%</td>
<td>70.4%</td>
<td>12.8</td>
<td>1.18</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11th grade (# CPM schools)</th>
<th>CPM schools % proficient</th>
<th>PA State % proficient</th>
<th>% points above state average</th>
<th>Ratio CPM/State</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004-05 (7)</td>
<td>64.7%</td>
<td>48.4%</td>
<td>18.9</td>
<td>1.34</td>
</tr>
<tr>
<td>2005-06 (7)</td>
<td>66.2%</td>
<td>52.0%</td>
<td>16.6</td>
<td>1.27</td>
</tr>
<tr>
<td>2006-07 (7)</td>
<td>65.7%</td>
<td>53.7%</td>
<td>14.1</td>
<td>1.22</td>
</tr>
<tr>
<td>2007-08 (7)</td>
<td>68.5%</td>
<td>55.1%</td>
<td>13.4</td>
<td>1.24</td>
</tr>
<tr>
<td>School</td>
<td>% Proficient &amp; Advanced</td>
<td>State Average</td>
<td>Percentage points above (below) state average</td>
<td>Ratio of CPM/State</td>
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<td>'05  '06  '07  '08</td>
<td>'05  '06  '07  '08</td>
<td>'05  '06  '07  '08</td>
<td>'05  '06  '07  '08</td>
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<tr>
<td>Middle School</td>
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<tr>
<td>Cedarbrook</td>
<td>70.3 69.8 74.9 75.60</td>
<td>59.8 62.2 67.9 70.4</td>
<td>10.5 7.6 7.0 5.2</td>
<td>1.18 1.12 1.10 1.07</td>
</tr>
<tr>
<td>Central York</td>
<td>70.0 75.2 81.6 82.30</td>
<td>59.8 62.2 67.9 70.4</td>
<td>10.2 13.0 13.7 11.9</td>
<td>1.17 1.21 1.20 1.17</td>
</tr>
<tr>
<td>Good Hope</td>
<td>87.2 82.1 88.2 86.5</td>
<td>59.8 62.2 67.9 70.4</td>
<td>27.4 19.9 20.3 16.1</td>
<td>1.46 1.32 1.30 1.23</td>
</tr>
<tr>
<td>Hershey</td>
<td>85.1 79.8 86.1 85.9</td>
<td>59.8 62.2 67.9 70.4</td>
<td>25.3 17.6 18.2 15.5</td>
<td>1.42 1.28 1.27 1.22</td>
</tr>
<tr>
<td>Southern York</td>
<td>74.8 70.1 83.9 *</td>
<td>59.8 62.2 67.9 70.4</td>
<td>15.0 7.9 16.0 *</td>
<td>1.25 1.13 1.24 *</td>
</tr>
<tr>
<td>Twin Valley</td>
<td>88.8 88.1 88.8 85.6</td>
<td>59.8 62.2 67.9 70.4</td>
<td>29.0 25.9 20.9 15.2</td>
<td>1.48 1.42 1.31 1.22</td>
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<td>High School</td>
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<tr>
<td>Central York</td>
<td>55.2 62.6 64.2 55.8</td>
<td>48.4 52.0 53.7 55.1</td>
<td>6.8 10.6 10.5 0.7</td>
<td>1.14 1.20 1.20 1.01</td>
</tr>
<tr>
<td>Cheltenham</td>
<td>64.9 60.0 63.3 56.6</td>
<td>48.4 52.0 53.7 55.1</td>
<td>16.5 8.0 9.6 1.5</td>
<td>1.34 1.15 1.18 1.03</td>
</tr>
<tr>
<td>Cumberland Valley</td>
<td>77.1 82.5 81.0 83.40</td>
<td>48.4 52.0 53.7 55.1</td>
<td>28.7 30.5 27.3 28.3</td>
<td>1.59 1.59 1.51 1.51</td>
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<tr>
<td>Hershey</td>
<td>82.3 79.3 75.1 81.80</td>
<td>48.4 52.0 53.7 55.1</td>
<td>33.9 27.3 21.4 26.7</td>
<td>1.70 1.53 1.40 1.48</td>
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<tr>
<td>Octorara</td>
<td>48.8 51.0 46.5 58.50</td>
<td>48.4 52.0 53.7 55.1</td>
<td>0.4 (1.0) (7.2) 3.4</td>
<td>1.01 0.98 0.87 1.06</td>
</tr>
<tr>
<td>Susquehannock</td>
<td>65.7 62.7 64.6 72.0</td>
<td>48.4 52.0 53.7 55.1</td>
<td>17.3 10.7 10.9 16.9</td>
<td>1.36 1.21 1.20 1.31</td>
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<tr>
<td>Twin Valley</td>
<td>58.7 65.4 65.5 71.4</td>
<td>48.4 52.0 53.7 55.1</td>
<td>10.3 13.4 11.8 16.3</td>
<td>1.21 1.26 1.22 1.30</td>
</tr>
</tbody>
</table>

*Data not available.