Overall Results

- In 2017, the average score of fourth-grade students in Massachusetts was 236. This was higher than the average score of 221 for public school students in the nation.
- The average score for students in Massachusetts in 2017 (236) was not significantly different from their average score in 2015 (235) and was higher than their average score in 1998 (223).
- The percentage of students in Massachusetts who performed at or above the NAEP Proficient level was 51 percent in 2017. This percentage was not significantly different from that in 2015 (50 percent) and was greater than that in 1998 (35 percent).
- The percentage of students in Massachusetts who performed at or above the NAEP Basic level was 80 percent in 2017. This percentage was not significantly different from that in 2015 (82 percent) and was greater than that in 1998 (70 percent).

Compare the Average Score in 2017 to Other States/Jurisdictions

In 2017, the average score in Massachusetts (236) was
- lower than those in 3 states/jurisdictions
- higher than those in 49 states/jurisdictions
- not significantly different from those in 2 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools)

Results for Student Groups in 2017

<table>
<thead>
<tr>
<th>Reporting Groups</th>
<th>Percentage of students</th>
<th>Avg. score</th>
<th>Percentage at or above Proficient</th>
<th>Percentage at Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Race/Ethnicity</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>60</td>
<td>243</td>
<td>87</td>
<td>60</td>
</tr>
<tr>
<td>Black</td>
<td>9</td>
<td>219</td>
<td>64</td>
<td>29</td>
</tr>
<tr>
<td>Hispanic</td>
<td>20</td>
<td>217</td>
<td>62</td>
<td>29</td>
</tr>
<tr>
<td>Asian</td>
<td>7</td>
<td>247</td>
<td>86</td>
<td>64</td>
</tr>
<tr>
<td>American Indian/Alaska Native</td>
<td>#</td>
<td>††††</td>
<td>††††</td>
<td>††††</td>
</tr>
<tr>
<td>Native Hawaiian/Pacific Islander</td>
<td>#</td>
<td>††††</td>
<td>††††</td>
<td>††††</td>
</tr>
<tr>
<td>Two or more races</td>
<td>4</td>
<td>237</td>
<td>81</td>
<td>51</td>
</tr>
<tr>
<td><strong>Gender</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Male</td>
<td>50</td>
<td>233</td>
<td>77</td>
<td>48</td>
</tr>
<tr>
<td>Female</td>
<td>50</td>
<td>239</td>
<td>82</td>
<td>54</td>
</tr>
<tr>
<td><strong>National School Lunch Program</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eligible</td>
<td>31</td>
<td>219</td>
<td>65</td>
<td>30</td>
</tr>
<tr>
<td>Not eligible</td>
<td>68</td>
<td>243</td>
<td>86</td>
<td>60</td>
</tr>
</tbody>
</table>

# Rounds to zero.
‡ Reporting standards not met.
NOTE: Detail may not sum to totals because of rounding. And because the “Information not available” category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

Achievement-Level Percentages and Average Score Results

In 2017, the average score for students in Massachusetts in 2017 (236) was higher than their average score in 1998 (223).

The percentage of students in Massachusetts who performed at or above the NAEP Proficient level was 51 percent in 2017. This percentage was not significantly different from that in 2015 (50 percent) and was greater than that in 1998 (35 percent).

The percentage of students in Massachusetts who performed at or above the NAEP Basic level was 80 percent in 2017. This percentage was not significantly different from that in 2015 (82 percent) and was greater than that in 1998 (70 percent).

Score Gaps for Student Groups

- In 2017, Black students had an average score that was 24 points lower than that for White students. This performance gap was not significantly different from that in 1998 (26 points).
- In 2017, Hispanic students had an average score that was 26 points lower than that for White students. This performance gap was not significantly different from that in 1998 (34 points).
- In 2017, female students in Massachusetts had an average score that was higher than that for male students by 6 points.
- In 2017, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 24 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 1998 (28 points).

Average Scores for State/Jurisdiction and Nation (public)

<table>
<thead>
<tr>
<th>Year</th>
<th>Nation (public)</th>
<th>Massachusetts</th>
</tr>
</thead>
<tbody>
<tr>
<td>'98</td>
<td>223*</td>
<td>213*</td>
</tr>
<tr>
<td>2000</td>
<td>220</td>
<td>214</td>
</tr>
<tr>
<td>2005</td>
<td>228</td>
<td>223*</td>
</tr>
<tr>
<td>2007</td>
<td>225</td>
<td>223*</td>
</tr>
<tr>
<td>2009</td>
<td>228</td>
<td>223*</td>
</tr>
<tr>
<td>2011</td>
<td>229</td>
<td>223*</td>
</tr>
<tr>
<td>2013</td>
<td>229</td>
<td>223*</td>
</tr>
<tr>
<td>2015</td>
<td>226</td>
<td>223</td>
</tr>
<tr>
<td>2017</td>
<td>221*</td>
<td>223</td>
</tr>
</tbody>
</table>

* Significantly different (p < .05) from state’s results in 2017. Significance tests were performed using unrounded numbers.

NOTE: Detail may not sum to totals because of rounding.

Score Gaps for Student Groups

- In 2017, Black students had an average score that was 24 points lower than that for White students. This performance gap was not significantly different from that in 1998 (26 points).
- In 2017, Hispanic students had an average score that was 26 points lower than that for White students. This performance gap was not significantly different from that in 1998 (34 points).
- In 2017, female students in Massachusetts had an average score that was higher than that for male students by 6 points.
- In 2017, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 24 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 1998 (28 points).

NOTE: The NAEP reading scale ranges from 0 to 500. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Read more about how to interpret NAEP results from the reading assessment at https://nces.ed.gov/nationsreportcard/reading/interpret_results.aspx.