Overall Results

- In 2019, the average score of eighth-grade students in Boston was 257. This was not significantly different from the average score of 255 for students in large cities.
- The average score for students in Boston in 2019 (257) was lower than their average score in 2017 (261) and was higher than their average score in 2003 (252).
- The percentage of students in Boston who performed at or above the NAEP Proficient level was 30 percent in 2019. This percentage was not significantly different from that in 2017 (32 percent) and was higher than that in 2003 (22 percent).
- The percentage of students in Boston who performed at or above the NAEP Basic level was 66 percent in 2019. This percentage was not significantly different from that in 2017 (70 percent) and in 2003 (61 percent).

Compare the Average Score in 2019 to Other Districts

In 2019, the average score in Boston (257) was

<table>
<thead>
<tr>
<th>Lower Than</th>
<th>Not Significantly Different From</th>
<th>Higher Than</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charlotte</td>
<td>Miami-Dade</td>
<td>San Diego</td>
</tr>
<tr>
<td>Lower Score</td>
<td>Districts</td>
<td>Students</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Atlanta</td>
<td>Chicago</td>
<td>Jefferson County</td>
</tr>
<tr>
<td>New York City</td>
<td>Hillsborough County</td>
<td>Austin</td>
</tr>
<tr>
<td>Duval County (FL)</td>
<td>Guilford County (NC)</td>
<td>Clark County (NV)</td>
</tr>
<tr>
<td>Denver</td>
<td>Albuquerque</td>
<td>Baltimore City</td>
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<td>Cleveland</td>
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<td>Detroit</td>
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<td></td>
<td></td>
<td>District of Columbia</td>
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<td>Fort Worth (TX)</td>
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<td>Fresno</td>
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<td>Houston</td>
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<td>Los Angeles</td>
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<td>Milwaukee</td>
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<tr>
<td></td>
<td></td>
<td>Philadelphia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shelby County (TN)</td>
</tr>
</tbody>
</table>

Results for Student Groups in 2019

- In 2019, Black students had an average score that was 32 points lower than that for White students. This performance gap was not significantly different from that in 2003 (28 points).
- In 2019, Hispanic students had an average score that was 36 points lower than that for White students. This performance gap was not significantly different from that in 2003 (28 points).
- In 2019, female students in Boston had an average score that was higher than that for male students by 15 points.
- In 2019, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 23 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (18 points).

Score Gaps for Student Groups

- **In 2019, the average score in Boston (257) was:**
- **Not significantly different from that in 2003 (252).**
- **The percentage of students in Boston who performed at or above the NAEP Proficient level was 30 percent in 2019. This percentage was not significantly different from that in 2003 (22 percent).**
- **The percentage of students in Boston who performed at or above the NAEP Basic level was 66 percent in 2019. This percentage was not significantly different from that in 2003 (61 percent).**

### NAEP Achievement-Level Percentages and Average Score Results

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Score</th>
<th>Percent at NAEP Basic or Proficient</th>
<th>Percent at NAEP Advanced</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003</td>
<td>39</td>
<td>39</td>
<td>20**</td>
</tr>
<tr>
<td>2017</td>
<td>30</td>
<td>38</td>
<td>7**</td>
</tr>
<tr>
<td>2019</td>
<td>36</td>
<td>38</td>
<td>26</td>
</tr>
</tbody>
</table>

* Significantly different (p < .05) from district's results in 2019. Significance tests were performed using unrounded numbers.

**Average Scores for District and Large Cities**

- **In 2019, Black students had an average score that was 32 points lower than that for White students. This performance gap was not significantly different from that in 2003 (28 points).**
- **In 2019, Hispanic students had an average score that was 36 points lower than that for White students. This performance gap was not significantly different from that in 2003 (28 points).**
- **In 2019, female students in Boston had an average score that was higher than that for male students by 15 points.**
- **In 2019, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 23 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (18 points).**

### Score Gaps for Student Groups

- **In 2019, the average score in Boston (257) was:**
- **Not significantly different from that in 2003 (252).**
- **The percentage of students in Boston who performed at or above the NAEP Proficient level was 30 percent in 2019. This percentage was not significantly different from that in 2003 (22 percent).**
- **The percentage of students in Boston who performed at or above the NAEP Basic level was 66 percent in 2019. This percentage was not significantly different from that in 2003 (61 percent).**
Overall Results

- In 2019, the average score of fourth-grade students in Boston was 214. This was not significantly different from the average score of 212 for students in large cities.
- The average score for students in Boston in 2019 (214) was not significantly different from their average score in 2017 (217) and was higher than their average score in 2003 (206).
- The percentage of students in Boston who performed at or above the NAEP Proficient level was 27 percent in 2019. This percentage was not significantly different from that in 2017 (29 percent) and was higher than that in 2003 (16 percent).
- The percentage of students in Boston who performed at or above the NAEP Basic level was 58 percent in 2019. This percentage was not significantly different from that in 2017 (60 percent) and was higher than that in 2003 (48 percent).

Compare the Average Score in 2019 to Other Districts

In 2019, the average score in Boston (214) was

Results for Student Groups in 2019

- In 2019, Black students had an average score that was 34 points lower than that for White students. This performance gap was not significantly different from that in 2003 (23 points).
- In 2019, Hispanic students had an average score that was 35 points lower than that for White students. This performance gap was wider than that in 2003 (23 points).
- In 2019, female students in Boston had an average score that was higher than that for male students by 9 points.
- In 2019, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 25 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (17 points).

Average Scores for District and Large Cities

* Significantly different (p < .05) from district’s results in 2019. Significance tests were performed using unrounded numbers.

Score Gaps for Student Groups

- In 2019, Black students had an average score that was 34 points lower than that for White students. This performance gap was not significantly different from that in 2003 (23 points).
- In 2019, Hispanic students had an average score that was 35 points lower than that for White students. This performance gap was wider than that in 2003 (23 points).
- In 2019, female students in Boston had an average score that was higher than that for male students by 9 points.
- In 2019, students who were eligible for the National School Lunch Program (NSLP), had an average score that was 25 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2003 (17 points).

NOTE: The NAEP reading scale ranges from 0 to 500. Results presented in this report are based on public school students only. Beginning in 2009, results for charter schools are excluded from the TUDA results if they are not included in the school district’s Adequate Yearly Progress (AYP) report to the U.S. Department of Education. Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. Score gap results for “White,” “Black,” and “Hispanic” presented in this report are based on the 6-category race/ethnicity variable with data available starting in early 1990s. Read more about how to interpret NAEP results from the reading assessment at the National Assessment of Educational Progress (NAEP) website.
COVID-19 rate (unadjusted for age)

- Lower than the rest of Boston
- Higher than the rest of Boston

**Boston**
Rate = 216.3 reported cases per 10,000 residents
N = 14,695 reported cases

- Charlestown
  - Rate = 110.7
  - N = 215
- East Boston
  - Rate = 397.2
  - N = 1,864
- Back Bay, Beacon Hill, Downtown, North End, West End
  - Rate = 98.7
  - N = 550
- Fenway
  - Rate = 59.6
  - N = 326
- South End
  - Rate = 263.7
  - N = 943
- South Boston
  - Rate = 130.9
  - N = 525
- Roxbury
  - Rate = 249.3
  - N = 1,075
  - (Zips 02121, 02125)
  - Rate = 295.6
  - N = 1,900
- Jamaica Plain
  - Rate = 185.0
  - N = 747
- Dorchester
  - (Zips 02122, 02124)
  - Rate = 272.4
  - N = 2,203
  - (Zips 02121, 02125)
  - Rate = 295.6
  - N = 1,900
- West Roxbury
  - Rate = 168.5
  - N = 480
- Roslindale
  - Rate = 231.9
  - N = 783
- Mattapan
  - Rate = 280.5
  - N = 830
- Hyde Park
  - Rate = 334.6
  - N = 1,143

**Notes**
Rate = Reported COVID-19 cases per 10,000 residents (unadjusted for age)
N = Reported COVID-19 cases

190 reported COVID-19 cases could not be assigned to a neighborhood and were not included in this analysis.


**DATA ANALYSIS:** Boston Public Health Commission, Research and Evaluation Office