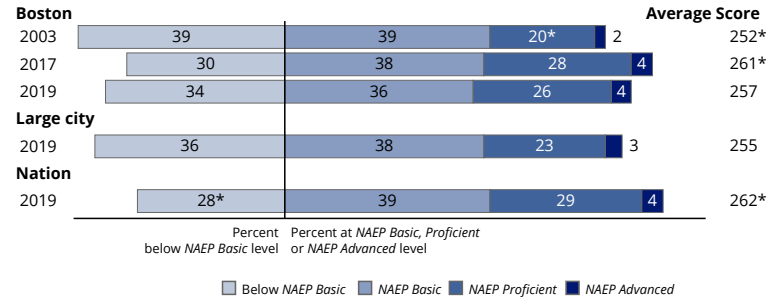


## Overall Results

- 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).

## NAEP Achievement-Level Percentages and Average Score Results



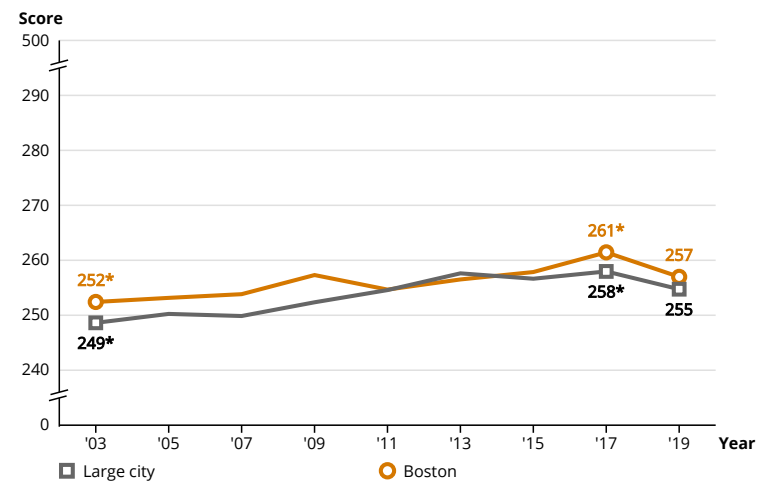
\* Significantly different ( $p < .05$ ) from district's results in 2019. Significance tests were performed using unrounded numbers.  
NOTE: NAEP achievement levels are to be used on a trial basis and should be interpreted and used with caution. Detail may not sum to totals because of rounding.

## Compare the Average Score in 2019 to Other Districts

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

Lower Than Districts <b>3</b>	Not Significantly Different From Districts <b>10</b>	Higher Than Districts <b>13</b>
Charlotte Miami-Dade San Diego	Atlanta Chicago Jefferson County New York City Hillsborough County Austin Duval County (FL) Guilford County (NC) Clark County (NV) Denver	Albuquerque Baltimore City Cleveland Dallas Detroit District of Columbia Fort Worth (TX) Fresno Houston Los Angeles Milwaukee Philadelphia Shelby County (TN)

## Average Scores for District and Large Cities



\* Significantly different ( $p < .05$ ) from 2019. Significance tests were performed using unrounded numbers.

## Results for Student Groups in 2019

Reporting Groups	Percentage of students	Avg. score	Percentage at or above NAEP Basic	Percentage at or above NAEP Proficient	Percentage at NAEP Advanced
<b>Race/Ethnicity</b>					
White	15	282	86	55	12
Black	30	250	60	20	2
Hispanic	43	246	56	19	1
Asian	11	282	88	57	9
American Indian/Alaska Native	#	†	†	†	†
Native Hawaiian/Pacific Islander	#	†	†	†	†
Two or more races	1	†	†	†	†
<b>Gender</b>					
Male	51	249	58	24	3
Female	49	265	73	35	5
<b>National School Lunch Program</b>					
Eligible	67	250	60	21	2
Not eligible	32	272	77	47	9

# 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.

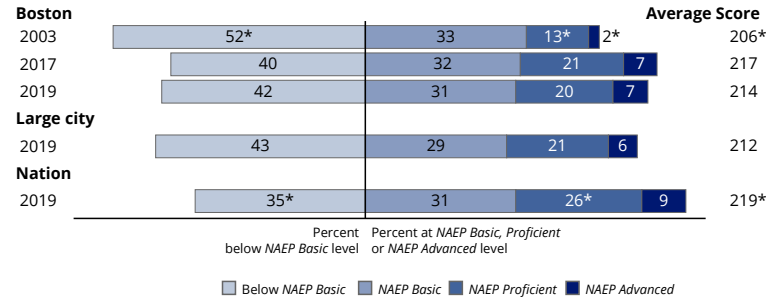
## Score Gaps for Student Groups

- 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).

## 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).

## NAEP Achievement-Level Percentages and Average Score Results



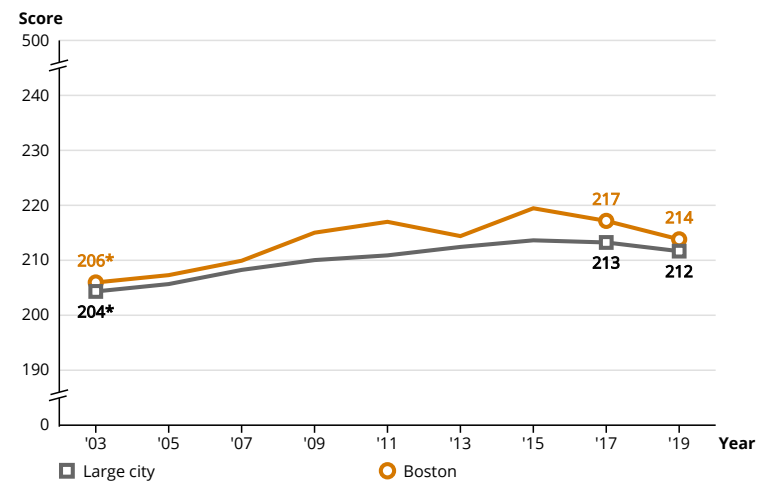
\* Significantly different ( $p < .05$ ) from district's results in 2019. Significance tests were performed using unrounded numbers.  
NOTE: NAEP achievement levels are to be used on a trial basis and should be interpreted and used with caution. Detail may not sum to totals because of rounding.

## Compare the Average Score in 2019 to Other Districts

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

Lower Than Districts <b>6</b>	Not Significantly Different From Districts <b>7</b>	Higher Than Districts <b>13</b>
Charlotte Duval County (FL) Guilford County (NC) Hillsborough County Miami-Dade San Diego	Atlanta Jefferson County New York City Austin District of Columbia Clark County (NV) Denver	Albuquerque Baltimore City Chicago Cleveland Dallas Detroit Fort Worth (TX) Fresno Houston Los Angeles Milwaukee Philadelphia Shelby County (TN)

## Average Scores for District and Large Cities



\* Significantly different ( $p < .05$ ) from 2019. Significance tests were performed using unrounded numbers.

## Results for Student Groups in 2019

Reporting Groups	Percentage of students	Avg. score	Percentage at or above NAEP Basic	Percentage at NAEP Proficient	Percentage at NAEP Advanced
<b>Race/Ethnicity</b>					
White	14	240	83	58	22
Black	33	206	50	18	2
Hispanic	42	205	49	17	2
Asian	9	237	83	49	18
American Indian/Alaska Native	#	†	†	†	†
Native Hawaiian/Pacific Islander	#	†	†	†	†
Two or more races	1	†	†	†	†
<b>Gender</b>					
Male	51	210	54	23	5
Female	49	218	62	31	10
<b>National School Lunch Program</b>					
Eligible	73	207	51	19	3
Not eligible	27	232	75	47	18

# 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.

## Score Gaps for Student Groups

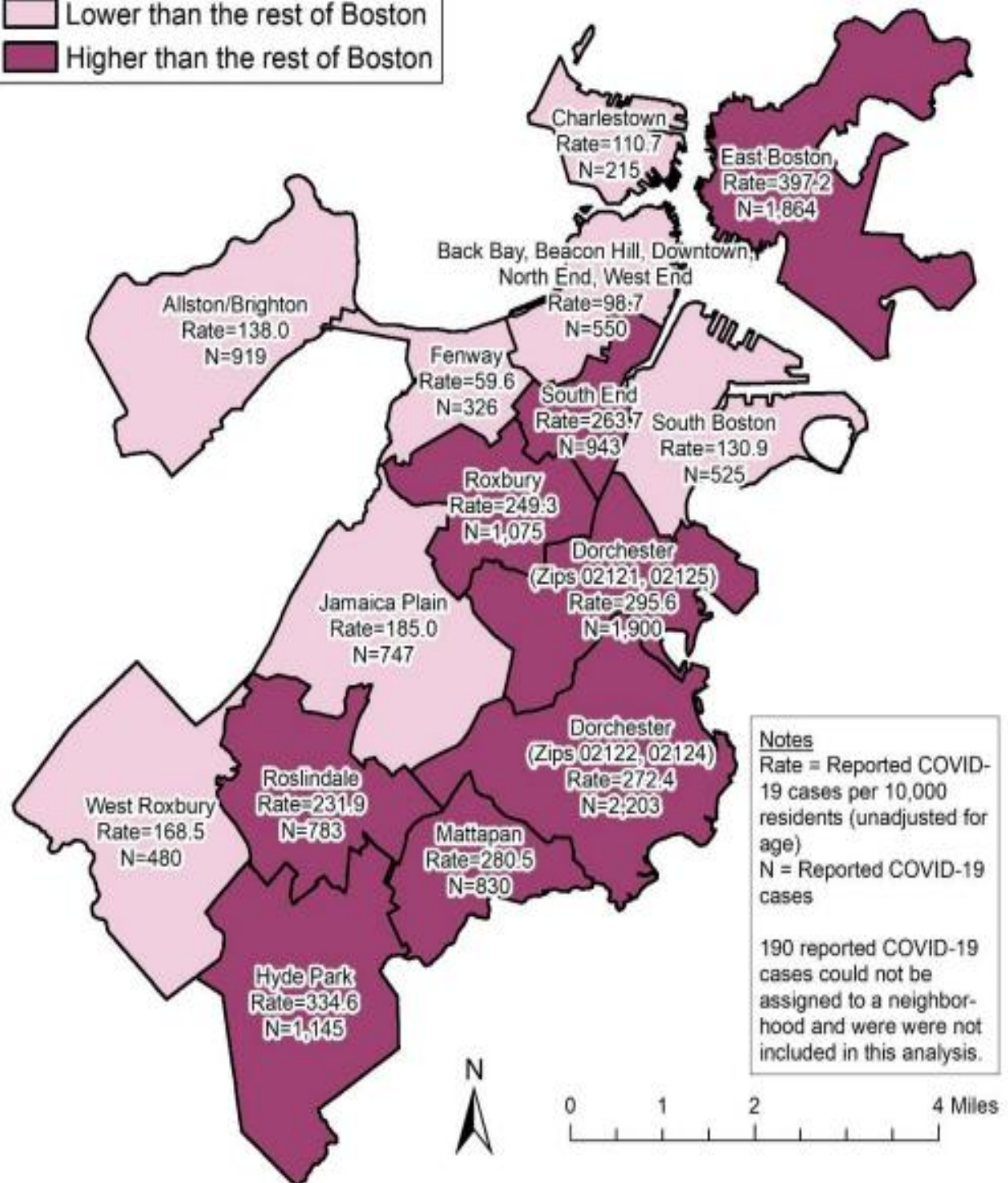
- In 2019, Black students had an average score that was 34 points lower than that for White students. This performance gap was not significantly different from that in 2003 (23 points).
- In 2019, Hispanic students had an average score that was 35 points lower than that for White students. This performance 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).

## 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



DATA SOURCE: Boston Public Health Commission, Boston Surveillance System (Jan. 1, 2020, to Aug. 13, 2020, 12:45 PM); Massachusetts Department of Public Health, Massachusetts Virtual Epidemiologic Network (Jan. 1, 2020, to Aug. 13, 2020, 11:57 AM); U.S. Census Bureau, American Community Survey, 2018 5-yr estimates (2014-2018)

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

