## OVERALL RESULTS

- In 2022, the average score of fourth-grade students in Charlotte was 234. This was higher than the average score of 227 for students in large cities.
- The average score for students in Charlotte in 2022 (234) was lower than their average score in 2019 (246) and in 2003 (242).
- The percentage of students in Charlotte who performed at or above the NAEP Proficient level was 35 percent in 2022. This percentage was smaller than that in 2019 (49 percent) and in 2003 (41 percent).
- The percentage of students in Charlotte who performed at or above the NAEP Basic level was 71 percent in 2022. This percentage was smaller than that in 2019 (86 percent) and in 2003 ( 84 percent).

COMPARE THE AVERAGE SCORE IN 2022 TO OTHER DISTRICTS

## In 2022, the average score in Charlotte (234) was

| Lower Than 3 Districts | Not Significantly Different From 3 Districts | Higher Than 19 Districts |
| :---: | :---: | :---: |
| Austin <br> Hillsborough County <br> Miami-Dade | Dallas Duval County San Diego | Albuquerque <br> Atlanta <br> Baltimore City <br> Boston <br> Chicago <br> Clark County <br> Cleveland <br> Denver <br> Detroit <br> District of Columbia <br> Fort Worth <br> Guilford County <br> Houston <br> Jefferson County <br> Los Angeles <br> Milwaukee <br> New York City <br> Philadelphia <br> Shelby County |

## RESULTS FOR STUDENT GROUPS IN 2022

| REPORTING GROUPS | PERCENTAGE OF STUDENTS | $\begin{gathered} \text { AVG. } \\ \text { SCORE } \end{gathered}$ |  | CENTAGE AT bOVE NAEP PROFICIENT | $\begin{array}{r} \text { PERCENTAGE } \\ \text { AT NAEP } \\ \text { ADVANCED } \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Race/Ethnicity |  |  |  |  |  |
| White | 24 | 258 | 95 | 67 | 18 |
| Black | 33 | 222 | 60 | 19 | 2 |
| Hispanic | 33 | 221 | 58 | 19 | 2 |
| Asian | 8 | 262 | 94 | 70 | 25 |
| American Indian/Alaska Native | \# | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Native Hawaiian/Pacific Islander | \# | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Two or More Races | 2 | $\ddagger$ | $\ddagger$ | $\ddagger$ | $\ddagger$ |
| Gender |  |  |  |  |  |
| Male | 50 | 237 | 74 | 38 | 9 |
| Female | 50 | 230 | 68 | 31 | 6 |
| National School Lunch Program |  |  |  |  |  |
| Eligible | 32 | 217 | 55 | 14 | 1 |
| Not eligible | 68 | 241 | 78 | 44 | 11 |

\# Rounds to zero.
$\ddagger$ 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.

NAEP ACHIEVEMENT-LEVEL PERCENTAGES AND AVERAGE SCORE RESULTS

| Charlotte |  |  |  |  | Average Score |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2003 | 16* | 43* | 35* |  | 6 | 242* |
| 2019 | 14* | 37 | 38* |  | 11* | 246* |
| 2022 | 29 | 36 | 27 | 8 |  | 234 |
| Large city (public) |  |  |  |  |  |  |
| 2022 | 36* | 38 | 21* 5* |  |  | 227* |
| Nation (public) |  |  |  |  |  |  |
| 2022 | 26 | 39 | 28 | 7 |  | 235 |
| Percent Percent at NAEP Basic, NAEP Proficient below NAEP Basic level or NAEP Advanced level $\square$ Below NAEP Basic $\square$ NAEP Basic NAEP Proficient <br> NAEP Advanced |  |  |  |  |  |  |

* Significantly different ( $p$ < .05) from the district's results in 2022. 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.


## AVERAGE SCORES FOR DISTRICT AND LARGE CITIES



* Significantly different ( $p$ < .05) from 2022. Significance tests were performed using unrounded numbers.


## SCORE GAPS FOR STUDENT GROUPS

- In 2022, Black students had an average score that was 36 points lower than that for White students. This performance gap was wider than that in 2003 (28 points).
- In 2022, Hispanic students had an average score that was 38 points lower than that for White students. This performance gap was wider than that in 2003 ( 24 points).
- In 2022, male students in Charlotte had an average score that was higher than that for female students by 6 points.
- In 2022, students who were eligible for the National School Lunch Program (NSLP) 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 2003 (23 points).

[^0]
[^0]:    NOTE: The NAEP mathematics scale ranges from 0 to 500. Results presented in this report are based on public school students only. 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 1990 s. Read more about how to interpret NAEP results from the mathematics assessment at interpret results. For more information and additional comparisons please visit the Nation's Report Card and NAEP Data Explorer SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003-2022 Mathematics Assessments.

