

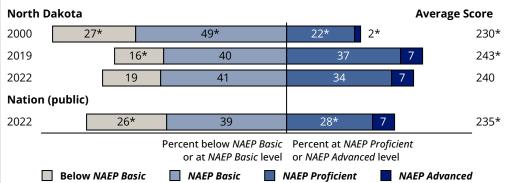
# **2022 MATHEMATICS STATE SNAPSHOT REPORT** NORTH DAKOTA SCHOOLS

# **OVERALL RESULTS**

- · In 2022, the average score of fourth-grade students in North Dakota was 240. This was higher than the average score of 235 for students in the nation.
- The average score for students in North Dakota in 2022 (240) was lower than their average score in 2019 (243) and was higher than their average score in 2000 (230).
- The percentage of students in North Dakota who performed at or above the NAEP Proficient level was 40 percent in 2022. This percentage was smaller than that in 2019 (44 percent) and was greater than that in 2000 (25 percent).
- The percentage of students in North Dakota who performed at or above the NAEP Basic level was 81 percent in 2022. This percentage was smaller than that in 2019 (84 percent) and was greater than that in 2000 (73 percent).

**COMPARE THE AVERAGE SCORE IN 2022 TO OTHER STATES/** 

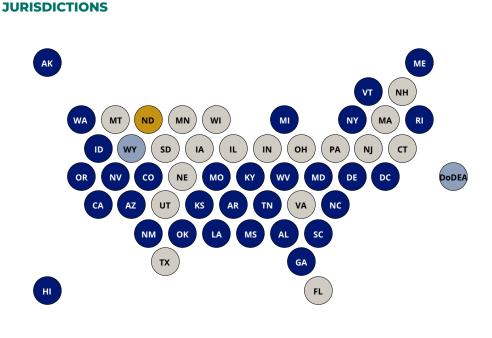
# NAEP ACHIEVEMENT-LEVEL PERCENTAGES AND AVERAGE SCORE RESULTS



\* Significantly different (p < .05) from the state'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 STATE/JURISDICTION AND THE NATION (PUBLIC)**



In 2022, the average score in North Dakota (240) was

lower than those in 2 states/jurisdictions

higher than those in 31 states/jurisdictions

not significantly different from those in 18 states/jurisdictions

DoDEA = Department of Defense Education Activity (overseas and domestic schools). NOTE: Puerto Rico was not included in the comparison results.

#### **RESULTS FOR STUDENT GROUPS IN 2022**

REPORTING GROUPS	PERCENTAGE OF STUDENTS		OR A	ENTAGE AT BOVE <i>NAEP</i> PROFICIENT	PERCENTAGE AT NAEP ADVANCED
Race/Ethnicity					
White	75	245	87	47	8
Black	5	216	54	8	#
Hispanic	6	225	64	19	4
Asian	1	‡	‡	‡	‡
American Indian/Alaska Native	7	217	55	11	1
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or More Races	5	236	80	32	4
Gender					
Male	51	242	83	44	8
Female	49	238	79	36	5
National School Lunch Program					
Eligible	25	225	64	22	3
Not eligible	75	245	87	46	8

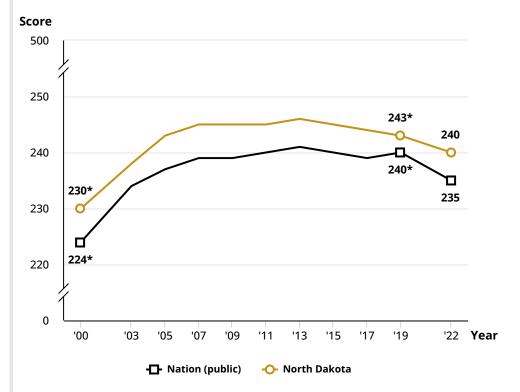
# Rounds to zero

‡ 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.



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 1990s. 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), 2000–2022 Mathematics Assessments



\* 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 29 points lower than that for White students. Data are not reported for Black students in 2000, because reporting standards were not met.
- In 2022, Hispanic students had an average score that was 20 points lower than that for White students. Data are not reported for Hispanic students in 2000, because reporting standards were not met.
- In 2022, male students in North Dakota had an average score that was higher than that for female students by 5 points.
- In 2022, students who were eligible for the National School Lunch Program (NSLP) had an average score that was 20 points lower than that for students who were not eligible. This performance gap was not significantly different from that in 2000 (17 points).