Nation's Report Card

# 2022 MATHEMATICS STATE SNAPSHOT REPORT ALASKA GRADE 4 PUBLIC SCHOOLS

## **OVERALL RESULTS**

- In 2022, the average score of fourth-grade students in Alaska was 226. This was lower than the average score of 235 for students in the nation.
- The average score for students in Alaska in 2022 (226) was lower than their average score in 2019 (232) and in 2003 (233).
- The percentage of students in Alaska who performed at or above the *NAEP Proficient* level was 28 percent in 2022. This percentage was smaller than that in 2019 (33 percent) and was not significantly different from that in 2003 (30 percent).
- The percentage of students in Alaska who performed at or above the *NAEP Basic* level was 65 percent in 2022. This percentage was smaller than that in 2019 (73 percent) and in 2003 (75 percent).

## NAEP ACHIEVEMENT-LEVEL PERCENTAGES AND AVERAGE SCORE RESULTS



\* Significantly different (p < .05) from 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.

#### COMPARE THE AVERAGE SCORE IN 2022 TO OTHER STATES/ JURISDICTIONS



In 2022, the average score in Alaska (226) was

lower than those in 40 states/jurisdictions

higher than those in 1 states/jurisdictions

not significantly different from those in 10 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	AVG. SCORE	OR A	ENTAGE AT BOVE <i>NAEP</i> PROFICIENT	PERCENTAGE AT NAEP ADVANCED
Race/Ethnicity					
White	42	242	82	43	8
Black	2	‡	‡	‡	‡
Hispanic	9	228	67	24	3
Asian	5	227	68	23	4
American Indian/Alaska Native	23	197	32	7	1
Native Hawaiian/Pacific Islander	4	214	50	12	1
Two or more races	15	230	70	26	4
Gender					
Male	50	224	61	28	5
Female	50	228	69	27	4
National School Lunch Program					
Eligible	47	213	51	14	1
Not eligible	52	238	78	40	8

‡ 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), 2003-2022 Mathematics Assessments.

### AVERAGE SCORES FOR STATE/JURISDICTION AND THE NATION (PUBLIC)



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

## SCORE GAPS FOR STUDENT GROUPS

- Data are not reported for Black students in 2022, because reporting standards were not met.
- In 2022, Hispanic students had an average score that was 14 points lower than that for White students. This performance gap was not significantly different from that in 2003 (14 points).
- In 2022, male students in Alaska had an average score that was not significantly different from that for female students.
- In 2022, 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 (21 points).