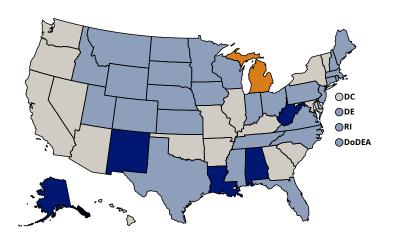


2019 Mathematics State Snapshot Report Michigan Grade 4 Public Schools

Overall Results

- In 2019, the average score of fourth-grade students in Michigan was 236. This was lower than the average score of 240 for students in the nation.
- The average score for students in Michigan in 2019 (236) was not significantly different from their average score in 2017 (236) and was higher than their average score in 2000 (229).
- The percentage of students in Michigan who performed at or above the NAEP Proficient level was 36 percent in 2019. This percentage was not significantly different from that in 2017 (36 percent) and was higher than that in 2000 (28 percent).
- The percentage of students in Michigan who performed at or above the NAEP Basic level was 76 percent in 2019. This percentage was not significantly different from that in 2017 (75 percent) and was higher than that in 2000 (71 percent).

Compare the Average Score in 2019 to Other States/ Iurisdictions



In 2019, the average score in Michigan (236) was

lower than those in 29 states/jurisdictions

higher than those in 5 states/jurisdictions

not significantly different from those in 17 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 2019

	Percentage of	Avg.	Percentage at or above NAEP		Percentage at NAEP
Reporting Groups	students	score		Proficient	Advanced
Race/Ethnicity					
White	65	243	85	44	8
Black	17	213	49	10	1
Hispanic	9	226	67	21	4
Asian	3	258	92	60	22
American Indian/Alaska Native	#	‡	‡	‡	‡
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	5	232	71	29	7
Gender					
Male	51	238	78	38	8
Female	49	234	75	33	5
National School Lunch Program					
Eligible	51	224	65	21	2
Not eligible	49	249	88	52	11

Rounds to zero

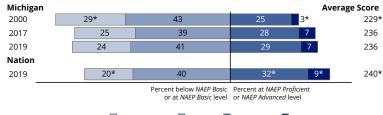
Rouring standards not met.
Reporting standards not met.
NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and 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), various years, 2000-2019 Mathematics Assessments

NAEP Achievement-Level Percentages and Average Score Results

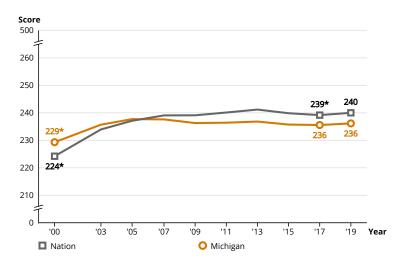


🔲 Below NAEP Basic 🔲 NAEP Basic 📕 NAEP Proficient 📕 NAEP Advanced

* Significantly different (p < .05) from state'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.

Average Scores for State/Jurisdiction and Nation



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

Score Gaps for Student Groups

- In 2019, Black students had an average score that was 30 points lower than that for White students. This performance gap was not significantly different from that in 2000 (37 points).
- In 2019, Hispanic students had an average score that was 17 points lower than that for White students. Data are not reported for Hispanic students in 2000, because reporting standards were not met.
- In 2019, male students in Michigan had an average score that was higher than that for female students by 4 points.
- In 2019, 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 2000 (29 points).