Mathematics 2013 State Snapshot Report **Report** Card

Overall Results

- In 2013, the average score of fourth-grade students in Montana was 244. This was higher than the average score of 241 for public school students in the nation.
- The average score for students in Montana in 2013 (244) was not significantly different from their average score in 2011 (244) and was higher than their average score in 1996 (228).
- The score gap between higher performing students in Montana (those at the 75th percentile) and lower performing students (those at the 25th percentile) was 36 points in 2013. This performance gap was not significantly different from that in 1996 (37 points).
- The percentage of students in Montana who performed at or above the NAEP Proficient level was 45 percent in 2013. This percentage was not significantly different from that in 2011 (45 percent) and was greater than that in 1996 (22 percent).
- The percentage of students in Montana who performed at or above the NAEP Basic level was 86 percent in 2013. This percentage was not significantly different from that in 2011 (87 percent) and was greater than that in 1996 (71 percent).



¹ Department of Defense Education Activity (overseas and domestic schools).

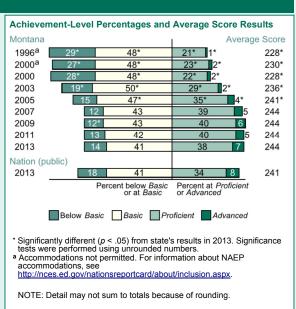
- In 2013, the average score in Montana (244) was
- Iower than those in 11 states/jurisdictions
- higher than those in 23 states/jurisdictions
- not significantly different from those in 17 states/jurisdictions

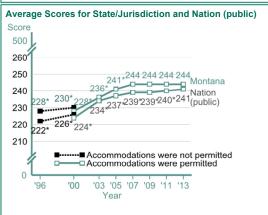
Results for Student Groups in 2013

			Perc	entages	
	Percent of	Avg.	at o	r above	Percent at
Reporting Groups	students	score	Basic	Proficient	Advanced
Race/Ethnicity					
White	79	248	90	50	8
Black	1	‡	‡	‡	‡
Hispanic	4	237	81	34	2
Asian	1	‡	‡	‡	‡
American Indian/Alaska Native	13	222	62	18	1
Native Hawaiian/Pacific Islander	r #	‡	‡	‡	‡
Two or more races	2	239	81	38	5
Gender					
Male	51	245	87	48	8
Female	49	242	85	42	6
National School Lunch Program					
Eligible	46	234	78	31	3
Not eligible	54	252	92	57	10

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.





Significantly different (p < .05) from 2013. Significance tests were performed using unrounded numbers.

NOTE: For information about NAEP accommodations, see http://nces.ed.gov/nationsreportcard/about/inclusion.aspx.

Score Gaps for Student Groups

- Data are not reported for Black students in 2013, because reporting standards were not met.
- In 2013, Hispanic students had an average score that was 11 points lower than White students. Data are not reported for Hispanic students in 1996, because reporting standards were not met.
- In 2013, male students in Montana had an average score that was higher than female students by 3 points.
- In 2013, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 17 points lower than students who were not eligible for free/reduced-price school lunch. This performance gap was not significantly different from that in 1996 (17 points).

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NOTE: Statistical comparisons are calculated on the basis of unrounded scale scores or percentages. SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1996–2013 Mathematics Assessments

Montana Grade **Public Schools**