

National Assessment of Educational Progress (NAEP) - Montana

2024 Montana NAEP Math Takeaway

In 2024, Montana 4th graders scored worse than their 2019 peers on NAEP Math and ranked 20th in the nation. All Montana 4th grade student groups scored worse on NAEP Math compared with their 2013 peers, notably Hispanic and low income students scored more than half a grade level worse which widened achievement gaps.

In 2024, Montana 8th graders scored half a grade level worse than their 2019 peers on NAEP Math, a trend that has persisted since 2013. Every Montana 8th grade student group scored worse on NAEP Math in 2024 than in 2013, notably Hispanic and low income student groups scored more than a full grade level worse which widened achievement gaps.

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NAEP	Montana 2024			Montana 2019			Montana 2013			Rank Difference 2019-2024	Rank Difference 2013-2024	Scale Score Difference 2019-2024	Scale Score Difference 2013-2024
	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Scale Score	Rank	Gap				
Grade 4 Math Composite	238	20		241	21		244	20		1	0	-3	-5
All Students	238	20		241	21		244	20		1	0	-3	-5
White Students	244	34		245	39		248	34		5	0	-1	-4
Black Students													
Hispanic Students	229	11	15	236	6	9	237	7	11	-5	-4	-6	-7
FRL Students	227	14	22	232	11	18	234	11	17	-3	-3	-5	-8

NAEP	Montana 2024			Montana 2019			Montana 2013			Rank Difference 2019-2024	Rank Difference 2013-2024	Scale Score Difference 2019-2024	Scale Score Difference 2013-2024
	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Scale Score	Rank	Gap				
Grade 8 Math Composite	279	10		284	20		289	12		10	2	-5	-10
All Students	279	10		284	20		289	12		10	2	-5	-10
White Students	284	25		288	33		293	26		8	1	-4	-9
Black Students													
Hispanic Students	267	2	17	281	1	8	282	2	12	-1	0	-14	-15
FRL Students	266	3	22	269	15	25	277	7	21	12	4	-3	-11

Notes:

FRL: students receiving free/reduced lunch.

The rank is among the 50 states and DC for All, White, and FRL students. Representative student groups are reported for Black students in 40 states in 2024, 42 in 2019, and 44 in 2013 and Hispanic students in 48 states in 2024 and 2019 and 47 in 2013.

Gap is determined by the following variances in Scale Score: Black and Hispanic students compared to White students; FRL students compared to non-FRL students.

A 10 point difference in scale scores equals approximately one full grade level.

All calculations are performed to the 12th decimal. Rounding all values to the nearest whole number for reporting purposes accounts for the potential differences.



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NAEP	National Public 2024		National Public 2019		National Public 2013		Scale Score Difference 2019-2024	Scale Score Difference 2013-2024
	Scale Score	Gap	Scale Score	Gap	Scale Score	Gap		
Grade 4 Math Composite								
All Students	237		240		241		-3	-4
White Students	247		249		250		-1	-3
Black Students	220	27	224	25	224	25	-4	-5
Hispanic Students	227	20	231	18	230	20	-4	-4
FRL Students	226	25	229	24	230	24	-3	-4

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	Scale Score	Gap	Scale Score	Gap	Scale Score	Gap		
Grade 8 Math Composite								
All Students	272		281		284		-9	-11
White Students	284		291		293		-7	-9
Black Students	251	34	259	32	263	30	-8	-12
Hispanic Students	257	27	268	23	271	22	-11	-14
FRL Students	257	30	266	30	270	27	-9	-12

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