



National Assessment of Educational Progress (NAEP) - Michigan

2024 Michigan NAEP Math Takeaway

In 2024, Michigan 4th graders scored slightly worse than their 2019 peers on NAEP Math, although the Hispanic student group improved by nearly a half grade level. In 2024, Michigan 4th grade student groups showed mixed performance on NAEP Math compared with their 2013 peers, notably black and low income students scored worse, while white students scores about the same and Hispanic students improved.

In 2024, Michigan 8th graders scored more than a grade level worse than their 2019 peers on NAEP Math, and every student group scored at least a grade level worse. Every Michigan 8th grade student group scored worse on NAEP Math in 2024 than in 2013. Michigan 8th graders ranked 31st in the nation on NAEP Math in 2024.



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NAEP	Michigan 2024			Michigan 2019			Michigan 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	235	34		236	42		237	42		8	8	-1	-2
All Students	235	34		236	42		237	42		8	8	-1	-2
White Students	244	36		243	43		244	47		7	11	1	0
Black Students	208	38	36	213	42	30	212	45	32	4	7	-5	-5
Hispanic Students	230	8	14	226	37	17	226	41	18	29	33	4	5
FRL Students	223	33	26	224	45	24	224	48	28	12	15	-1	-1

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	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Scale Score	Rank	Gap				
Grade 8 Math Composite	270	31		280	28		280	37		-3	6	-10	-10
All Students	270	31		280	28		280	37		-3	6	-10	-10
White Students	277	40		287	39		287	43		-1	3	-10	-10
Black Students	243	36	35	253	35	34	251	42	36	-1	6	-10	-8
Hispanic Students	256	35	21	268	25	18	261	44	26	-10	9	-13	-5
FRL Students	255	38	31	265	34	28	265	44	27	-4	6	-10	-10

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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