



National Assessment of Educational Progress (NAEP) - Wyoming

2024 Wyoming NAEP Math Takeaway

In 2024, Wyoming 4th graders scored worse than their 2019 peers on NAEP Math. Most Wyoming 4th grade student groups scored worse on NAEP Math in 2024 compared with their 2013 peers except for the Hispanic student group who remained the same.

In 2024, Wyoming 8th graders scored nearly a grade level worse than their 2019 peers on NAEP Math. Every Wyoming 8th grade student group scored worse on NAEP Math in 2024 than in 2013, and achievement gaps widened, notably the Hispanic student group scored one and a half grade levels worse.



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NAEP	Wyoming 2024			Wyoming 2019			Wyoming 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													
All Students	243	3		246	6		247	8		3	5	-2	-3
White Students	246	30		249	23		249	26		-7	-4	-3	-3
Black Students													
Hispanic Students	235	3	11	238	4	11	235	12	14	1	9	-3	0
FRL Students	233	3	17	236	3	16	239	3	13	0	0	-3	-6

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	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Scale Score	Rank	Gap				
Grade 8 Math Composite													
All Students	278	12		286	9		288	17		-3	5	-8	-10
White Students	283	29		291	25		290	35		-4	6	-7	-7
Black Students													
Hispanic Students	262	6	21	274	10	17	278	10	13	4	4	-11	-15
FRL Students	264	4	21	273	1	21	279	5	15	-3	1	-9	-14

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

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 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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