

National Assessment of Educational Progress (NAEP) - North Carolina

2024 North Carolina NAEP Math Takeaway

In 2024, North Carolina 4th graders scored worse than their 2019 peers on NAEP Math, a trend that has persisted since 2013, and ranked 19th in the nation. All North Carolina 4th grade student groups scored worse on NAEP Math compared with their 2013 peers, and achievement gaps widened, notably Hispanic students scored a full grade level worse.

In 2024, North Carolina 8th graders scored nearly a grade level worse than their 2019 peers on NAEP Math. Every North Carolina 8th grade student group scored worse on NAEP Math in 2024 than in 2013, notably black, Hispanic and low income student groups scored a least one and a half grade level worse which widened achievement gaps.

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NAEP	North Carolina 2024			North Carolina 2019			North Carolina 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	239	19		241	18		245	17		-1	-2	-3	-6
All Students	239	19		241	18		245	17		-1	-2	-3	-6
White Students	250	12		252	12		254	9		0	-3	-2	-4
Black Students	225	6	25	227	11	25	230	7	24	5	1	-1	-5
Hispanic Students	229	12	21	235	7	16	239	3	15	-5	-9	-6	-10
FRL Students	228	9	25	230	17	21	235	10	24	8	1	-3	-7

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	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Scale Score	Rank	Gap				
Grade 8 Math Composite	276	20		284	21		286	22		1	2	-8	-10
All Students	276	20		284	21		286	22		1	2	-8	-10
White Students	291	6		295	9		296	12		3	6	-4	-5
Black Students	251	18	41	264	7	31	268	8	28	-11	-10	-13	-18
Hispanic Students	264	4	28	273	14	22	279	8	17	10	4	-9	-15
FRL Students	259	20	34	268	19	27	274	15	25	-1	-5	-9	-15

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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