

## National Assessment of Educational Progress (NAEP) - Colorado

### 2024 Colorado NAEP Math Takeaway

In 2024, Colorado 4th graders scored worse than their 2019 peers on NAEP Math, and the state ranked 17th in the nation. In 2024, all Colorado 4th grade student groups scored worse on NAEP Math compared with their 2013 peers, notably Hispanic and low income students scored nearly a grade level worse.

In 2024, Colorado 8th graders scored more than half a grade level worse than their 2019 peers on NAEP Math, a trend that has persisted since 2013. Every Colorado 8th grade student group scored worse on NAEP Math in 2024 than in 2013. Colorado 8th graders ranked 14th in the nation on NAEP Math in 2024.

## National Assessment of Educational Progress (NAEP) - Colorado

NAEP	Colorado 2024			Colorado 2019			Colorado 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	239	17		242	16		247	6		-1	-11	-3	-8
White Students	251	9		252	11		256	5		2	-4	-1	-5
Black Students	226	5	25	224	20	28	227	19	29	15	14	2	-1
Hispanic Students	223	29	28	227	35	25	233	24	23	6	-5	-4	-9
FRL Students	224	28	29	225	44	29	233	16	24	16	-12	-1	-9

NAEP	Colorado 2024			Colorado 2019			Colorado 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													
All Students	278	14		285	19		290	8		5	-6	-7	-12
White Students	290	10		295	8		300	6		-2	-4	-5	-10
Black Students	253	13	37	261	12	34	260	29	40	-1	16	-8	-7
Hispanic Students	261	12	29	268	28	27	273	24	27	16	12	-7	-12
FRL Students	259	18	33	265	33	32	272	20	30	15	2	-6	-12

**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.



## National Assessment of Educational Progress (NAEP)

NAEP	National Public 2024		National Public 2019		National Public 2013		Rank 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		Rank 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

**Notes:**

FRL: students receiving free/reduced lunch.

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.