

National Assessment of Educational Progress (NAEP) - Iowa

2024 Iowa NAEP Math Takeaway

In 2024, Iowa 4th graders scored nearly half a grade level worse than their 2019 peers on NAEP Math, and their state rank fell to 30th from 24th in 2019. All Iowa 4th grade student groups scored worse on NAEP Math compared with their 2013 peers, and the achievement gap widened.

In 2024, Iowa 8th graders scored more than half a grade level worse than their 2019 peers on NAEP Math. Every Iowa 8th grade student group scored worse on NAEP Math in 2024 than in 2013, notably black and FRL students scored more than one grade level worse which widened achievement gaps.

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NAEP	Iowa 2024			Iowa 2019			Iowa 2013						
Grade 4 Math Composite	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Rank Difference 2019-2024	Rank Difference 2013-2024	Scale Score Difference 2019-2024	Scale Score Difference 2013-2024
All Students	237	30		241	24		246	14		-6	-16	-4	-4
White Students	243	39		246	37		249	28		-2	-11	-3	-6
Black Students	211	34	32	215	41	31	218	41	30	7	7	-3	-7
Hispanic Students	222	39	21	227	36	19	234	22	15	-3	-17	-5	-12
FRL Students	223	37	26	227	30	26	232	26	23	-7	-11	-4	-9

NAEP	Iowa 2024			Iowa 2019			Iowa 2013						
Grade 8 Math Composite	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Rank Difference 2019-2024	Rank Difference 2013-2024	Scale Score Difference 2019-2024	Scale Score Difference 2013-2024
All Students	275	23		282	25		285	24		2	1	-7	-10
White Students	281	36		286	41		289	40		5	4	-5	-8
Black Students	240	40	41	249	41	37	255	39	34	1	-1	-9	-14
Hispanic Students	257	29	24	269	23	18	265	37	24	-6	8	-12	-9
FRL Students	259	24	29	267	27	27	270	29	25	3	5	-8	-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			
Grade 4 Math Composite	Scale Score	Gap	Scale Score	Gap	Scale Score	Gap	Rank Difference 2019-2024	Scale Score Difference 2013-2024
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			
Grade 8 Math Composite	Scale Score	Gap	Scale Score	Gap	Scale Score	Gap	Rank Difference 2019-2024	Scale Score Difference 2013-2024
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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