National Assessment of Educational Progress (NAEP) - Arkansas

2024 Arkansas NAEP Math Takeaway

In 2024, Arkansas 4th graders scored worse than their 2019 peers on NAEP Math and the state ranked 48th in the nation. All Arkansas 4th grade student groups scored worse on NAEP Math in 2024 compared with their 2013 peers, and achievement gaps widened.

In 2024, Arkansas 8th graders scored nearly a grade level worse than their 2019 peers on NAEP Math, a trend that has persisted since 2013. Every Arkansas 8th grade student group scored at least a full grade level worse on NAEP Math in 2024 than in 2013. Arkansas 8th graders ranked 43rd in the nation on NAEP Math in 2024.

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National Assessment of Educational Progress (NAEP) - Arkansas

NAEP	Arkansas 2024			Arkansas 2019			Arkansas 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	230	418		233	46		240	36		-2	-12	-3	-10
White Students	240	44		240	48		246	39		4	-5	0	-5
Black Students	208	37	32	215	39	25	223	26	23	2	-11	-7	-15
Hispanic Students	221	44	19	228	24	12	234	19	12	-20	-25	-7	-13
FRL Students	221	42	27	226	40	22	232	21	18	-2	-21	-5	-11

NAEP	Arkansas 2024			Arkansas 2019			Arkansas 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	266	43		274	43		278	42		0	-1	-8	-12
White Students	275	48		284	46		286	44		-2	-4	-9	-11
Black Students	240	39	34	249	42	35	255	37	31	3	-2	-8	-15
Hispanic Students	260	19	14	269	22	15	274	21	12	3	2	-9	-13
FRL Students	257	31	27	263	37	29	267	36	25	6	5	-6	-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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National Assessment of Educational Progress (NAEP)

NAEP	National Public 2024		National Public 2019		National Public 2013			
Grade 4 Math Composite	Scale Score	Gap	Scale Score	Gap	Scale Score	Gap	Scale Score 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	Scale Score 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

Notes:

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