



National Assessment of Educational Progress (NAEP) - Arizona

2024 Arizona NAEP Math Takeaway

In 2024, Arizona 4th graders scored half a grade level worse than their 2019 peers on NAEP Math, and the state's rank fell to 45th from 36th in 2019. All Arizona 4th grade student groups scored worse on NAEP Math in 2024 compared with their 2013 peers, and achievement gaps widened.

In 2024, Arizona 8th graders scored a grade level worse than their 2019 peers on NAEP Math, a trend that has persisted since 2013. Every Arizona 8th grade student group scored worse on NAEP Math in 2024 than in 2013, and the achievement gaps widened. Arizona 8th graders ranked 33rd on NAEP Math in 2024.



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NAEP	Arizona 2024			Arizona 2019			Arizona 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	232	45		238	36		240	33		-9	-12	-5	-8
All Students	232	45		238	36		240	33		-9	-12	-5	-8
White Students	248	18		250	17		251	18		-1	0	-2	-3
Black Students	219	14	29	223	22	27	230	8	21	8	-6	-4	-11
Hispanic Students	223	36	25	227	29	23	232	25	19	-7	-11	-4	-9
FRL Students	221	43	27	226	41	25	230	35	22	-2	-8	-5	-9

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	Scale Score	Rank	Gap	Scale Score	Rank	Gap	Scale Score	Rank	Gap				
Grade 8 Math Composite	270	33		280	31		280	39		-2	6	-10	-10
All Students	270	33		280	31		280	39		-2	6	-10	-10
White Students	288	13		295	11		294	21		-2	8	-6	-5
Black Students	257	6	32	267	4	28	266	12	28	-2	6	-10	-9
Hispanic Students	256	31	32	269	20	26	269	30	25	-11	-1	-13	-13
FRL Students	254	41	33	270	11	21	268	35	27	-30	-6	-16	-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

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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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