



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

### 2024 Pennsylvania NAEP Math Takeaway

In 2024, Pennsylvania 4th graders scored more than half a grade level worse than their 2019 peers on NAEP Math and ranked 23rd in the nation. All Pennsylvania 4th grade student groups scored worse on NAEP Math in 2024 compared with their 2013 peers, notably black and Hispanic student groups scored a full grade level worse which widened achievement gaps.

In 2024, Pennsylvania 8th graders scored nearly a grade level worse than their 2019 peers on NAEP Math. Every Pennsylvania 8th grade student group scored more than a full grade level worse on NAEP Math in 2024 than in 2013 and achievement gaps widened.



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NAEP	Pennsylvania 2024			Pennsylvania 2019			Pennsylvania 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	238	23		244	9		244	19		-14	-4	-6	-6
All Students	238	23		244	9		244	19		-14	-4	-6	-6
White Students	246	31		252	8		250	24		-23	-7	-7	-4
Black Students	212	32	33	221	28	31	226	21	24	-4	-11	-9	-14
Hispanic Students	219	47	26	224	45	29	229	33	20	-2	-14	-4	-10
FRL Students	226	19	27	227	28	31	232	27	23	9	8	-1	-6

NAEP	Pennsylvania 2024			Pennsylvania 2019			Pennsylvania 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	276	18		285	16		290	9		-2	-9	-9	-13
All Students	276	18		285	16		290	9		-2	-9	-9	-13
White Students	285	21		295	10		297	8		-11	-13	-9	-12
Black Students	246	30	40	255	29	40	262	21	35	-1	-9	-9	-16
Hispanic Students	252	43	34	258	47	37	264	41	33	4	-2	-6	-13
FRL Students	259	21	34	265	35	36	273	18	28	14	-3	-6	-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.



## 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

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