

NAEP 2024 Reading & Math Results

February 6, 2025



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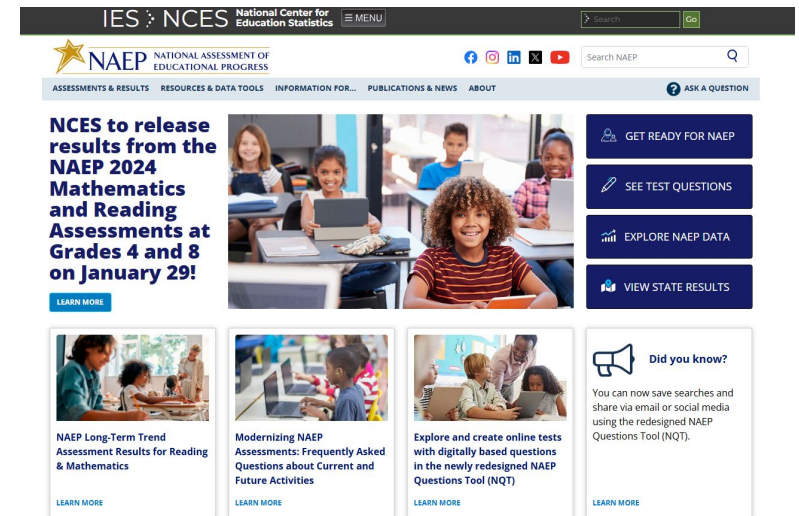
WHAT IS NAEP?

National Assessment of Educational Progress (NAEP)

- The only assessment that can be compared state to state.
- Also known as “The Nation’s Report Card”
- **Website:** www.nationsreportcard.gov

The Nation's Report Card

National Assessment of Educational Progress



The screenshot shows the homepage of the National Assessment of Educational Progress (NAEP) website. At the top, there is a navigation bar with the IES and NCES logos, a search bar, and a menu icon. Below the navigation bar, the main header features the NAEP logo and the text "The Nation's Report Card". The main content area is divided into several sections. On the left, there is a prominent announcement: "NCES to release results from the NAEP 2024 Mathematics and Reading Assessments at Grades 4 and 8 on January 29!". To the right of this announcement is a large image of diverse students in a classroom. Below the announcement, there are four smaller articles, each with a thumbnail image and a "LEARN MORE" link. The articles are: "NAEP Long-Term Trend Assessment Results for Reading & Mathematics", "Modernizing NAEP Assessments: Frequently Asked Questions about Current and Future Activities", "Explore and create online tests with digitally based questions in the newly redesigned NAEP Questions Tool (NQT)", and "Did you know? You can now save searches and share via email or social media using the redesigned NAEP Questions Tool (NQT)". On the far right, there is a vertical sidebar with four buttons: "GET READY FOR NAEP", "SEE TEST QUESTIONS", "EXPLORE NAEP DATA", and "VIEW STATE RESULTS".

WHAT DOES NAEP **MEASURE**?



Overall performance for student populations



Changes in achievement over time



Differences nationally, by states, and districts

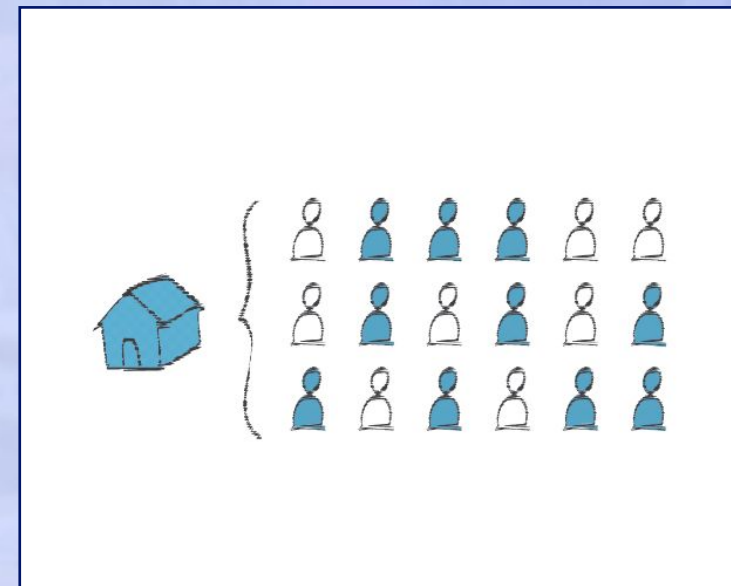
NAEP STUDENT AND SCHOOL SELECTION



**Identify All
Eligible Schools**



**Sample
Schools**



**Sample
Students**

NAEP **SAMPLE SIZES** (NATIONAL PUBLIC)

Representative samples of schools and students:

6,900
Indiana students

	Reading		Mathematics	
	Schools	Students	Schools	Students
Grade 4	5,700	112,200	5,770	112,700
Grade 8	5,170	110,600	5,170	111,300

NOTE: Student sample sizes rounded to the nearest hundred. School sample sizes rounded to the nearest ten.

NAEP ADMINISTRATION

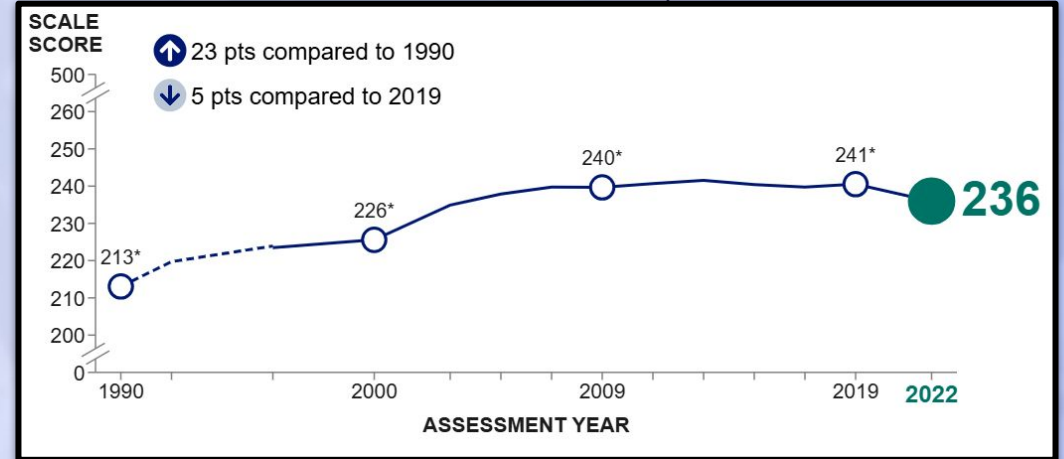
- **When:** January - March 2024
- **How:** Digitally-based assessment
 - Each student is assessed in one subject
 - Students take a small portion of the total item pool
 - Accommodations provided as necessary for:
 - Students with disabilities
 - English learners



HOW ARE NAEP RESULTS REPORTED?

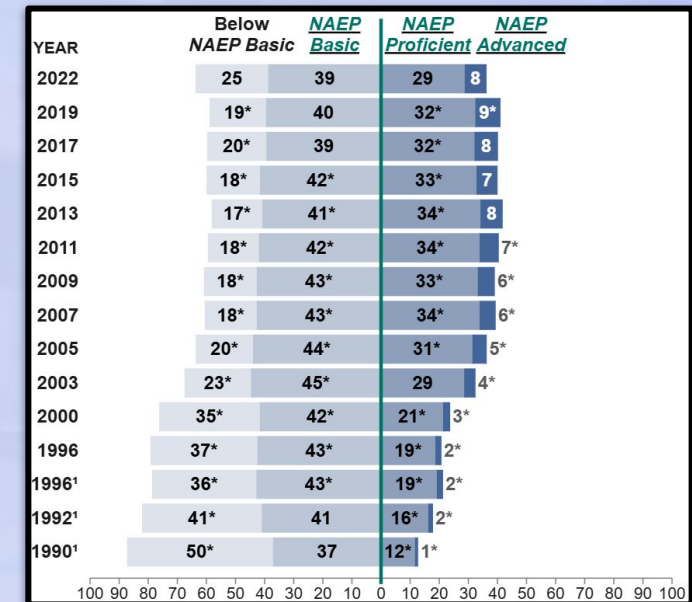
Scale Scores

- 0–500 on reading and math assessments
- Cannot be compared across grade levels or content areas



Achievement Levels

- NAEP Advanced
- NAEP Proficient
- NAEP Basic
- Below NAEP Basic

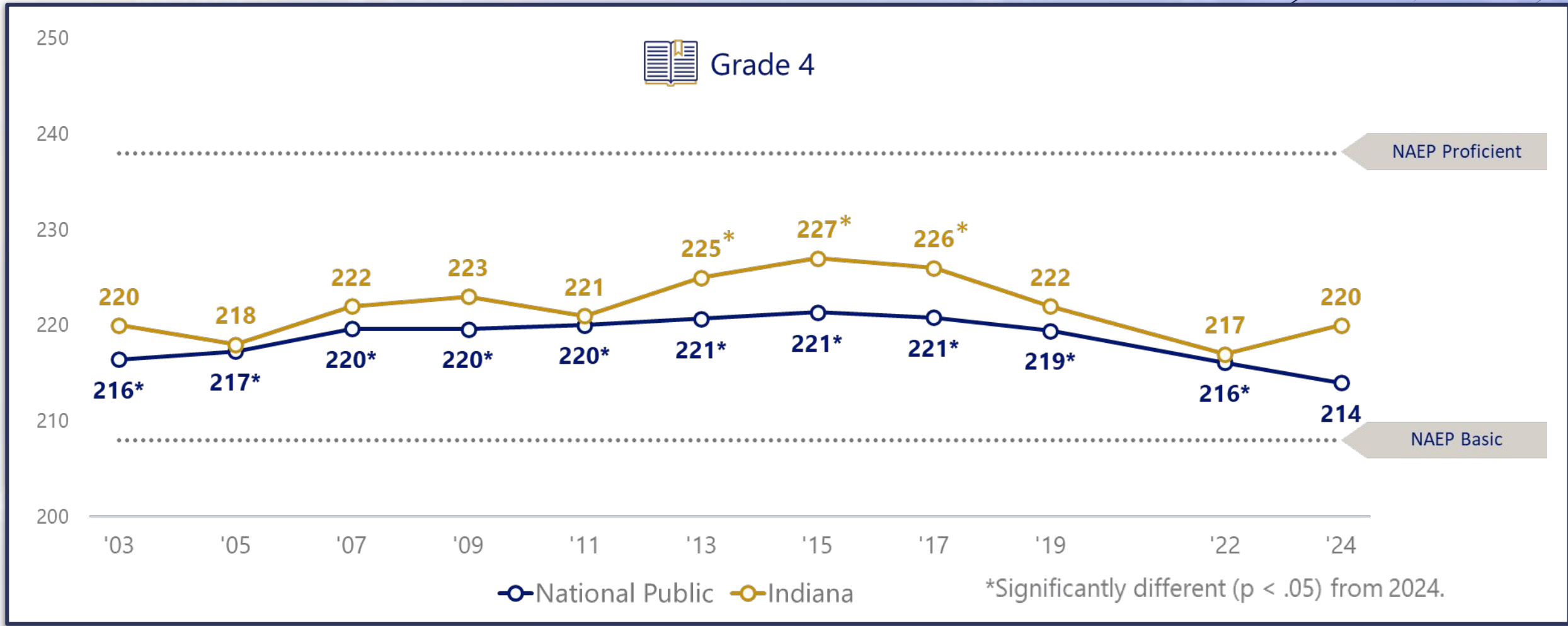


Fourth Grade Reading Results



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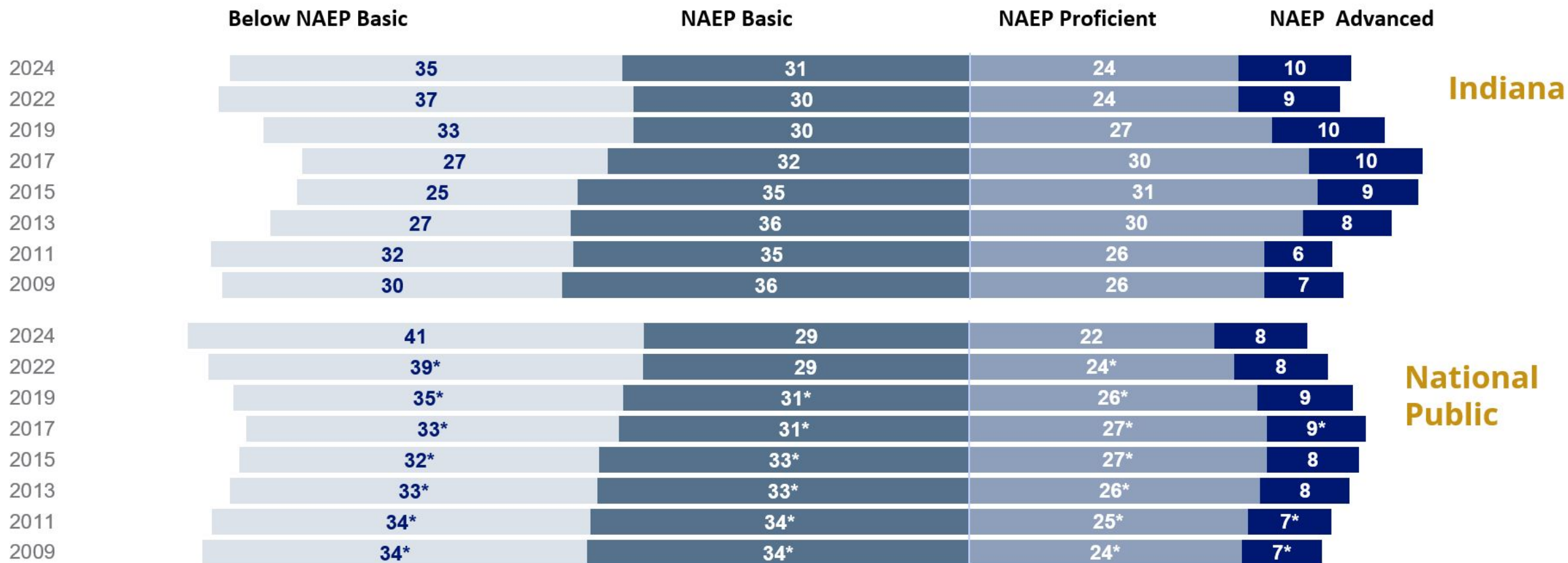
AVERAGE SCALE SCORES



ACHIEVEMENT LEVEL PERCENTAGES



Grade 4



*Significantly different ($p < .05$) from 2024. NOTE: Detail may not sum to 100% because of rounding.

STUDENT POPULATION SCORES - DIFFERENCES SINCE 2022



Grade 4

	All Students	Male	Female	Economically Disadvantaged	Students with Disabilities*	English learners
Indiana	◆ □3	◆	◆ □5	◆ □1	◆ □5	◆ □4
National	□2	□3	◆	◆	◆	□5

	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
Indiana	◆ □1	◆ □7	◆ □1	—	—	◆ □4
National	□2	◆	◆	◆	◆	◆

□ Higher

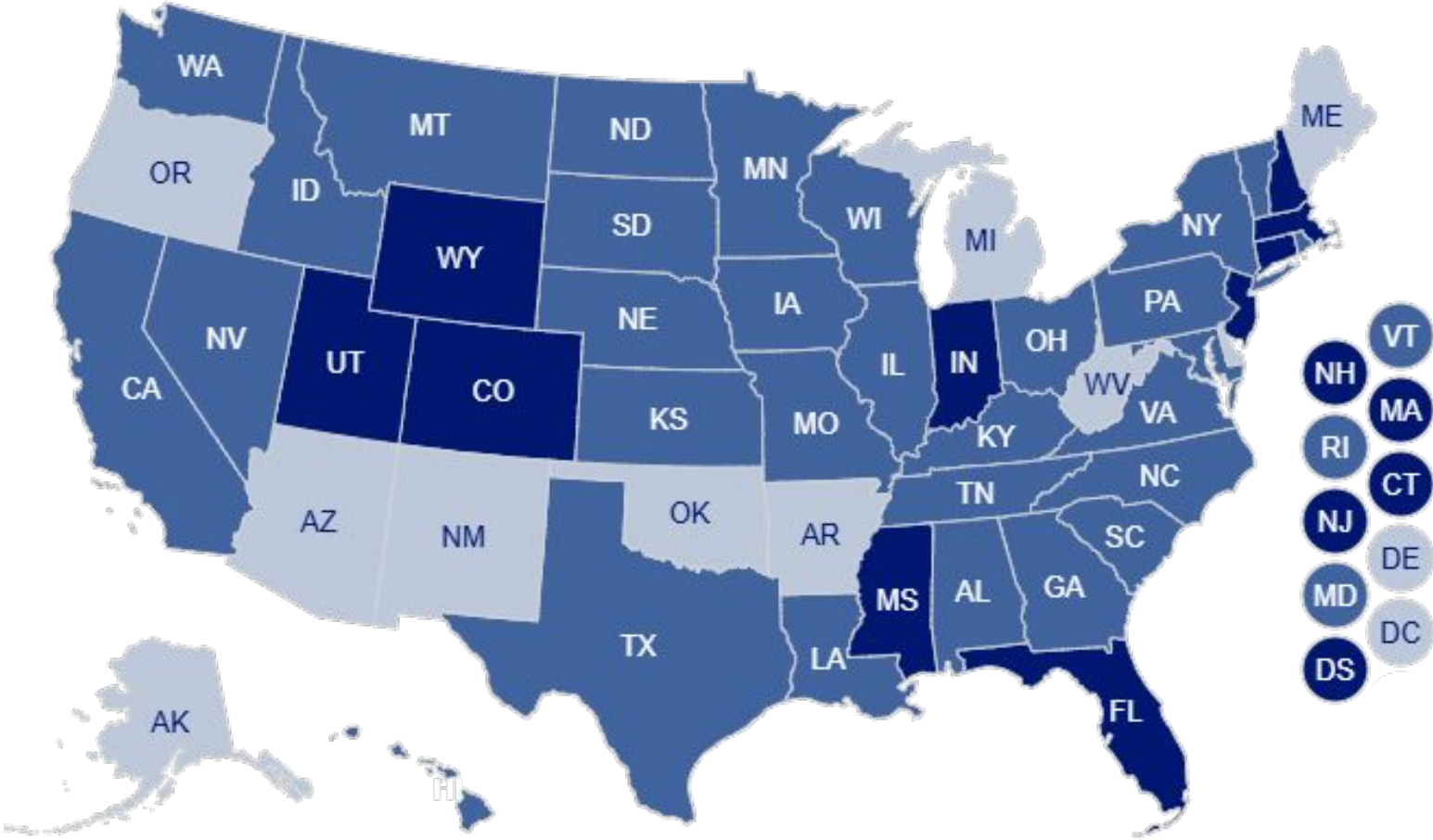
□ Lower

◆ No significant change

— Not available

*Students with disabilities including those with a 504 plan.

NAEP STATE COMPARISONS - READING



**2024 National public
average scale score (0–500)**

214

11

jurisdictions significantly higher

30

jurisdictions not significantly different

11

jurisdictions significantly lower

Grade Four Reading Ranking Comparisons: 2022 to 2024

Ranking	2024	Average Scale Score	Change in Rank	2022	Average Scale Score
N/A	DoDEA	234	0	DoDEA	235
1	Massachusetts	225	0	Massachusetts	227
2	Wyoming	222	0	Wyoming	225
3	New Jersey	222	2	Florida	225
4	New Hampshire	221	2	Colorado	223
5	Colorado	221	-1	New Jersey	223
6	Indiana	220	13	New Hampshire	223
7	Utah	219	0	Utah	221
8	Connecticut	219	0	Connecticut	219
9	Mississippi	219	12	Pennsylvania	219
10	Florida	218	-7	Hawaii	219
11	Kentucky	218	13	Montana	219
12	Montana	217	-1	Nebraska	219
13	Rhode Island	216	7	Ohio	219
14	Ohio	216	-1	South Dakota	218
15	Louisiana	216	26	Iowa	218
16	Hawaii	218	-6	Illinois	218
17	Pennsylvania	216	-8	North Dakota	218
18	Washington	216	5	Wisconsin	217
19	Idaho	216	11	Indiana	217
20	Maryland	216	20	Rhode Island	217

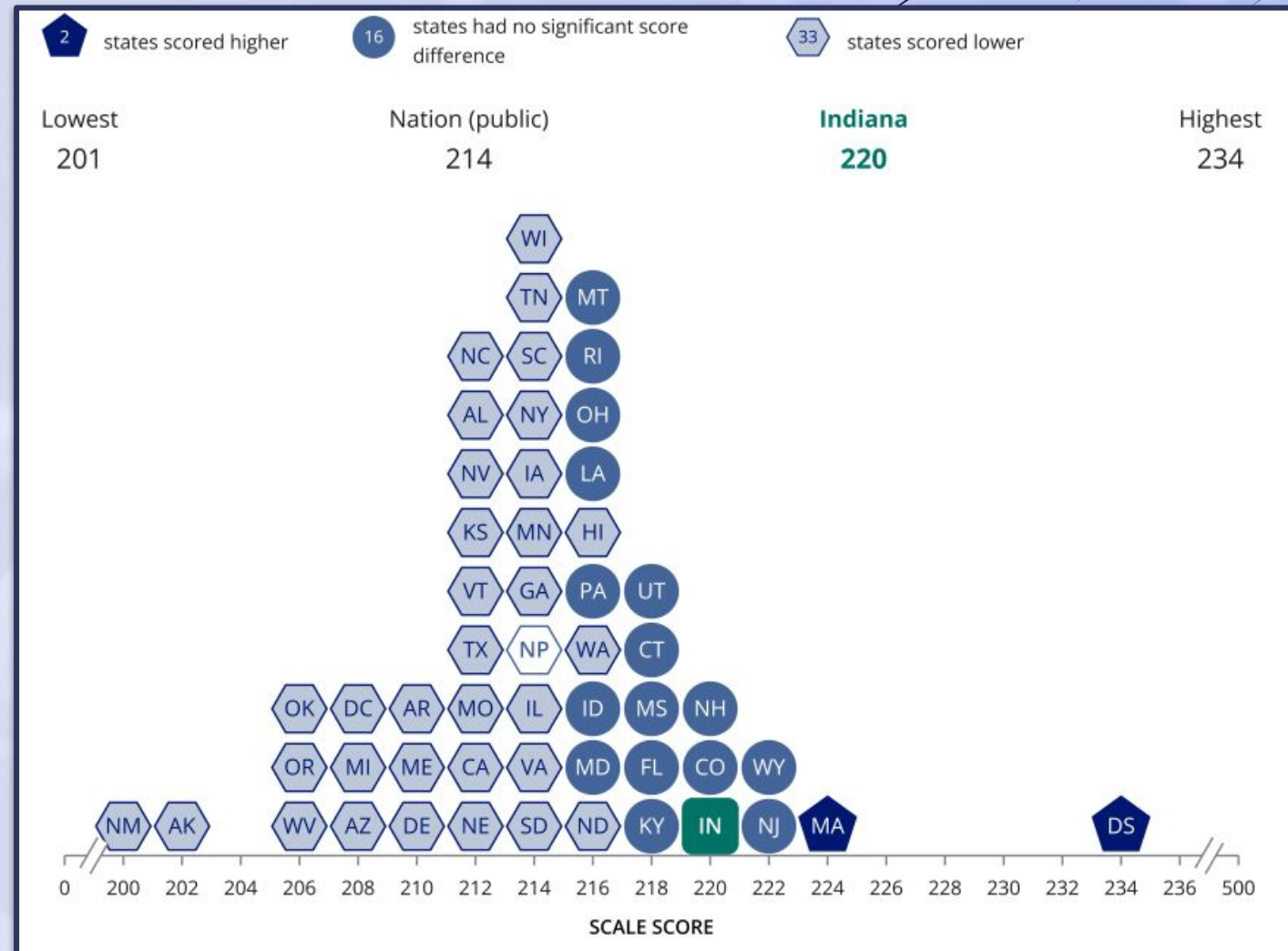
INDIANA COMPARISONS - READING

Indiana ranked 6th in the nation in fourth grade reading.*

States ranking above Indiana include:

1. Massachusetts
2. Wyoming
3. New Jersey
4. New Hampshire
5. Colorado

Note: DoDEA was not counted when comparing states but is included as a jurisdiction.



Eighth Grade Reading Results

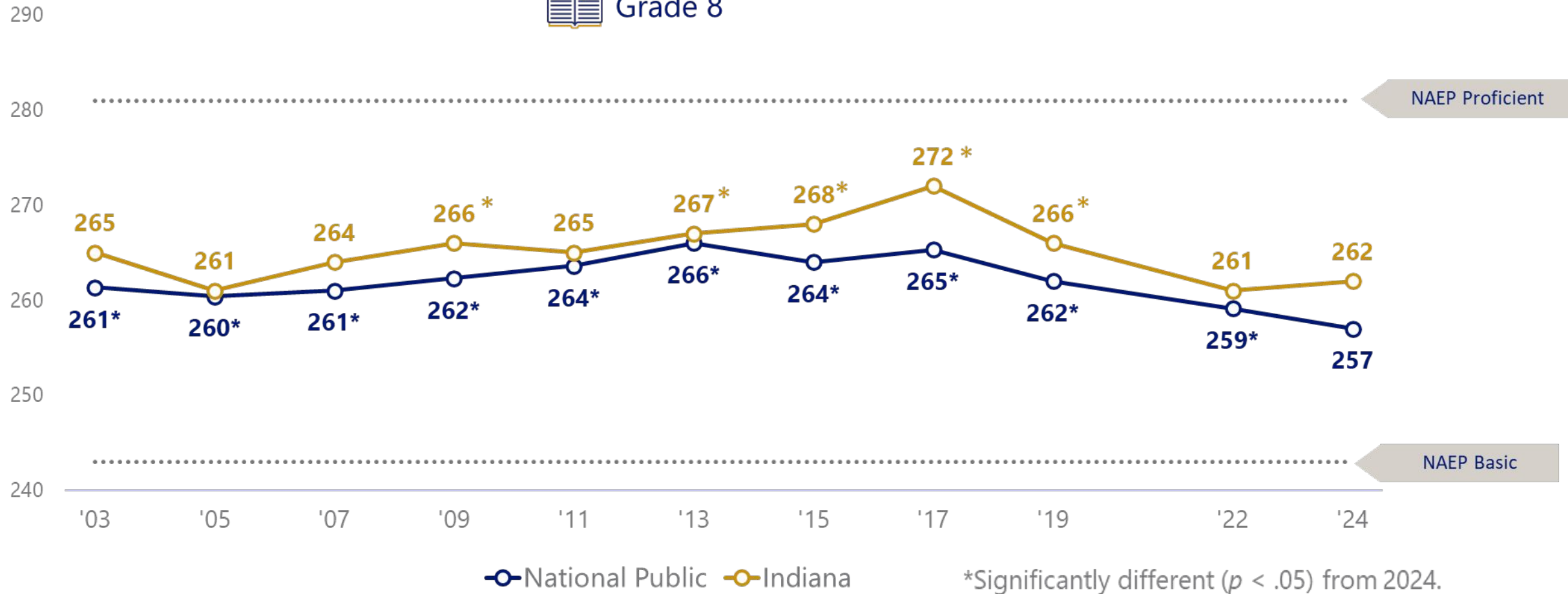


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AVERAGE SCALE SCORES



Grade 8



*Significantly different ($p < .05$) from 2024.

ACHIEVEMENT LEVEL PERCENTAGES



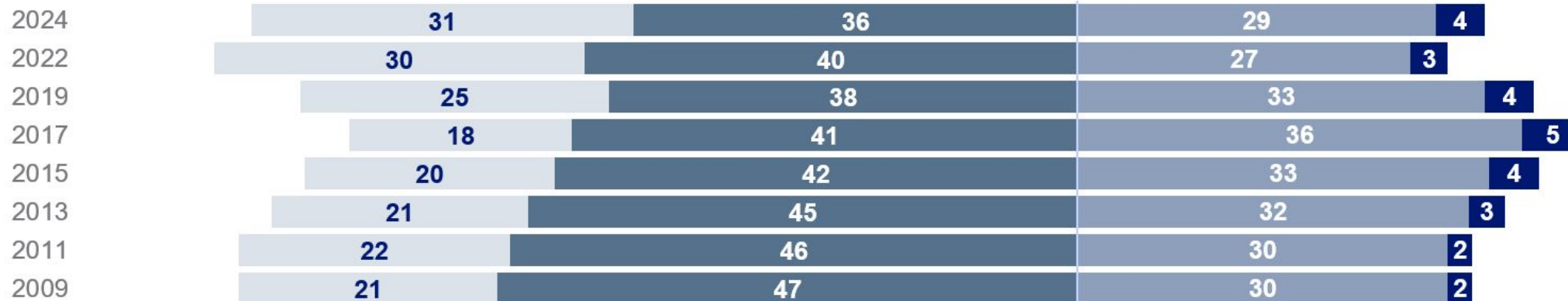
Grade 8

Below NAEP Basic

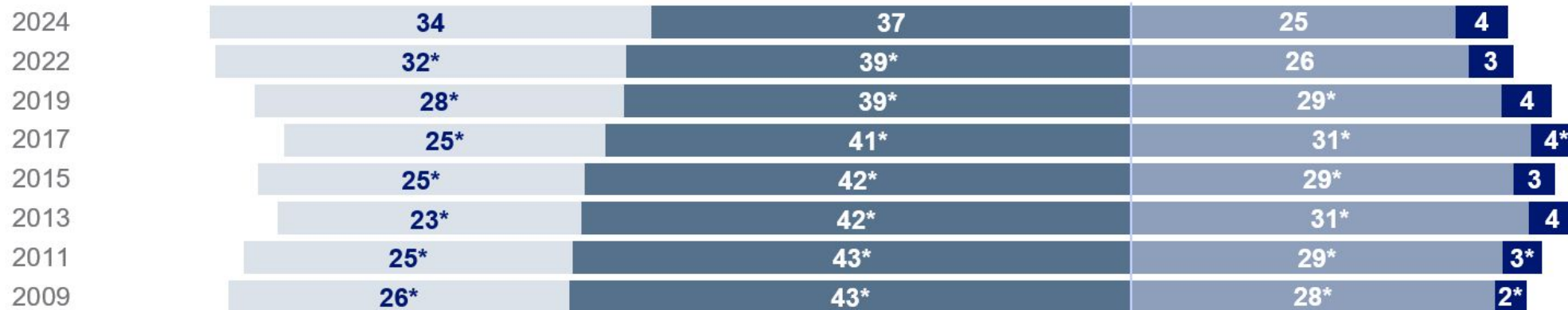
NAEP Basic

NAEP Proficient

NAEP Advanced



Indiana























National
Public

*Significantly different ($p < .05$) from 2024. NOTE: Detail may not sum to 100% because of rounding.

STUDENT POPULATION SCORES - DIFFERENCES SINCE 2022

Grade 8

	All Students	Male	Female	Economically Disadvantaged	Students with Disabilities*	English Learners
Indiana	 1	 1	 2	 1	 4	 2
National Public	 2	 3	 2	 3	 4	 5

	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
Indiana	 3		 2	—	—	 2
National Public	 1		 5			

 Higher

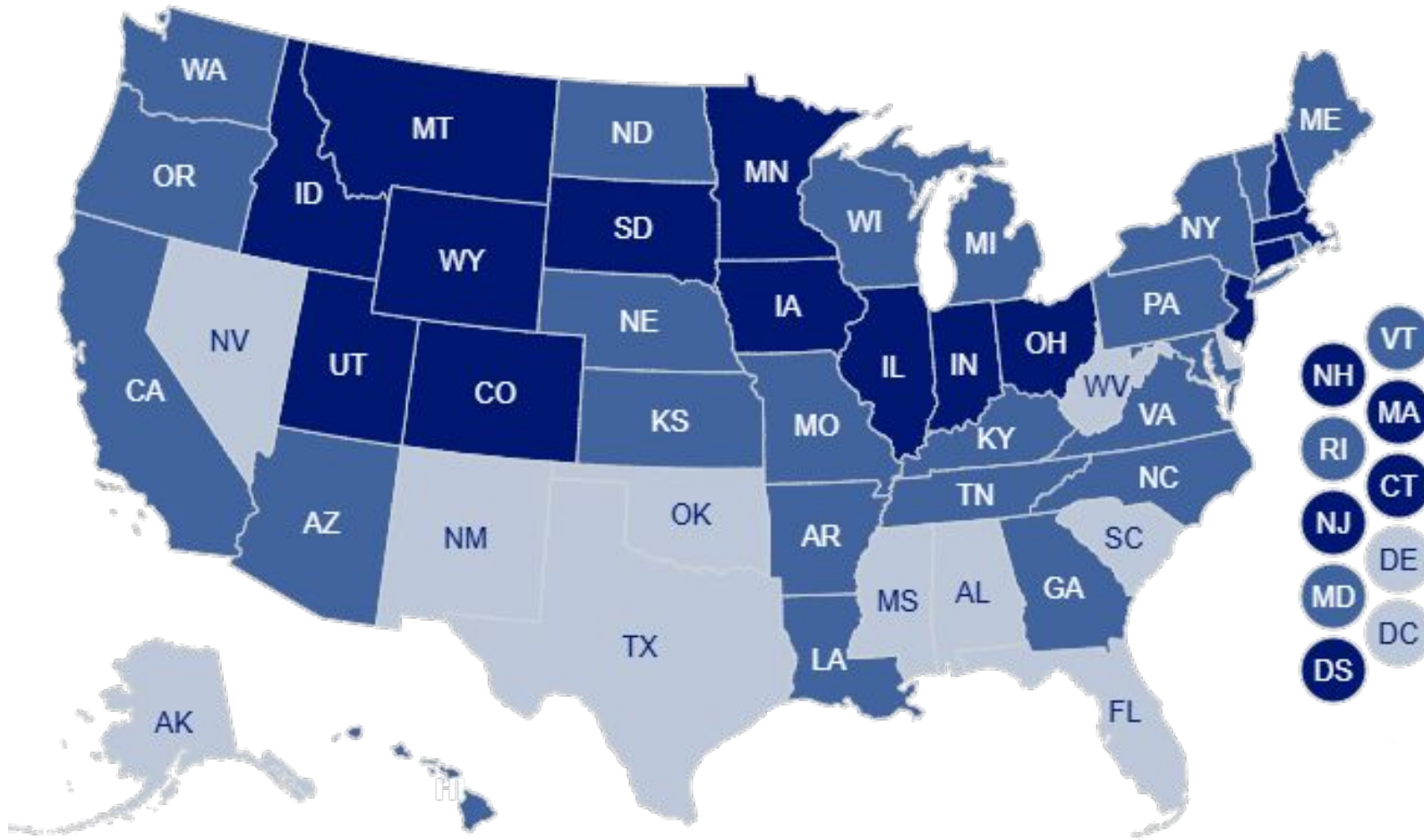
 Lower

 No significant change

— Not available

*Students with disabilities including those with a 504 plan.

NAEP STATE COMPARISONS - READING



2024 National public
average scale score (0–500)

257

16

jurisdictions significantly higher

24

jurisdictions not significantly different

12

jurisdictions significantly lower

Grade Eight Reading Ranking Comparisons: 2022 to 2024

Ranking	2024	Average Scale Score	Change in Rank	2022	Average Scale Score
N/A	DoDEA	282	0	DoDEA	282
1	Massachusetts	268	1	New Jersey	270
2	New Jersey	266	-1	Massachusetts	269
3	Colorado	265	4	Utah	265
4	New Hampshire	264	4	Connecticut	264
5	Connecticut	263	-1	Vermont	264
6	Indiana	262	11	Idaho	264
7	Illinois	262	4	Colorado	263
8	Utah	261	-5	New Hampshire	263
9	Idaho	261	-3	Wisconsin	262
10	Iowa	261	10	Ohio	262
11	Montana	261	4	Illinois	262
12	Ohio	260	-2	South Dakota	261
13	Wisconsin	260	-4	New York	262
14	Minnesota	260	4	Washington	262
15	Wyoming	260	1	Montana	261
16	South Dakota	260	-4	Wyoming	261
17	Georgia	259	2	Indiana	261
18	Washington	259	-4	Minnesota	260
19	Pennsylvania	259	7	Georgia	260
20	Tennessee	259	15	Iowa	260

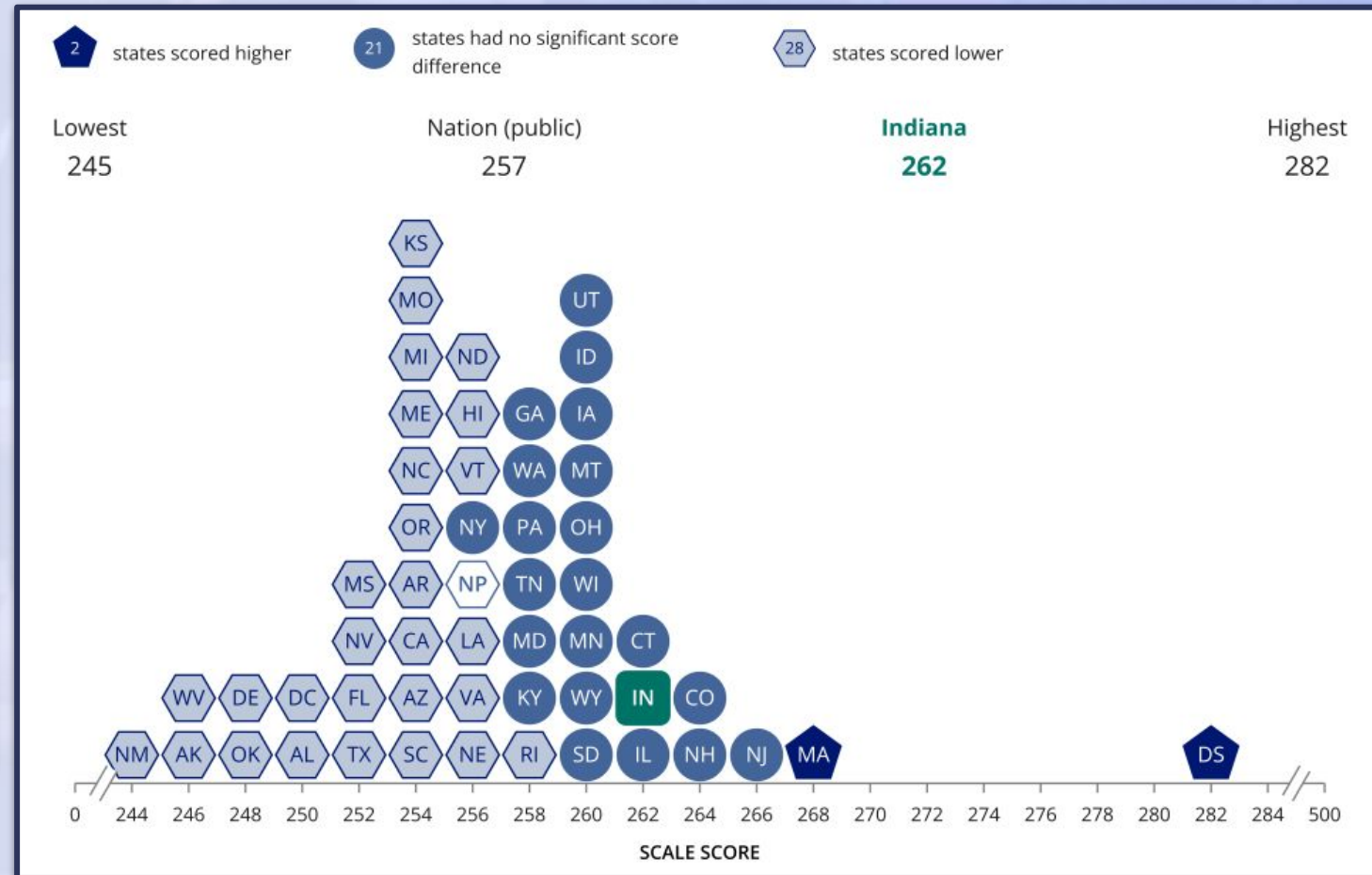
INDIANA COMPARISONS - READING

Indiana ranked 6th in the nation in eighth grade reading.*

States ranking above Indiana include:

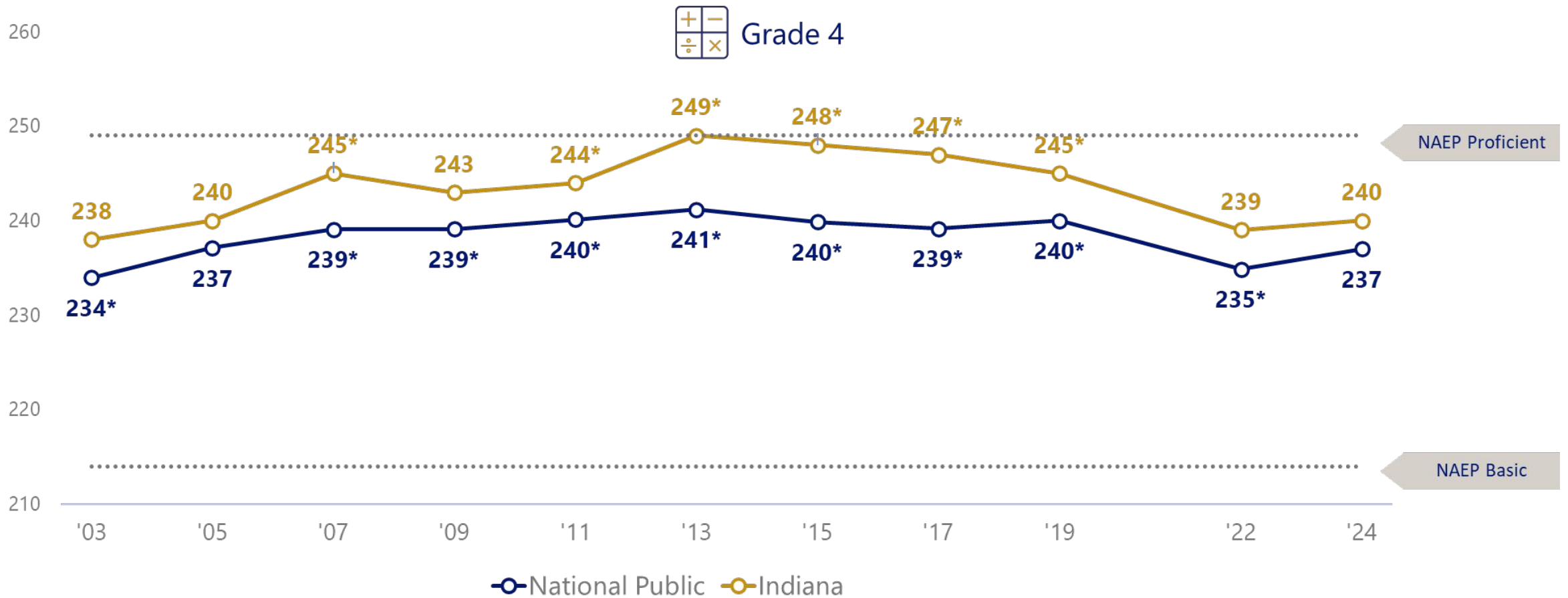
1. Massachusetts
2. New Jersey
3. Colorado
4. New Hampshire
5. Connecticut

Note: DoDEA was not counted when comparing states but is included as a jurisdiction.



Fourth Grade Math Results

AVERAGE SCALE SCORES

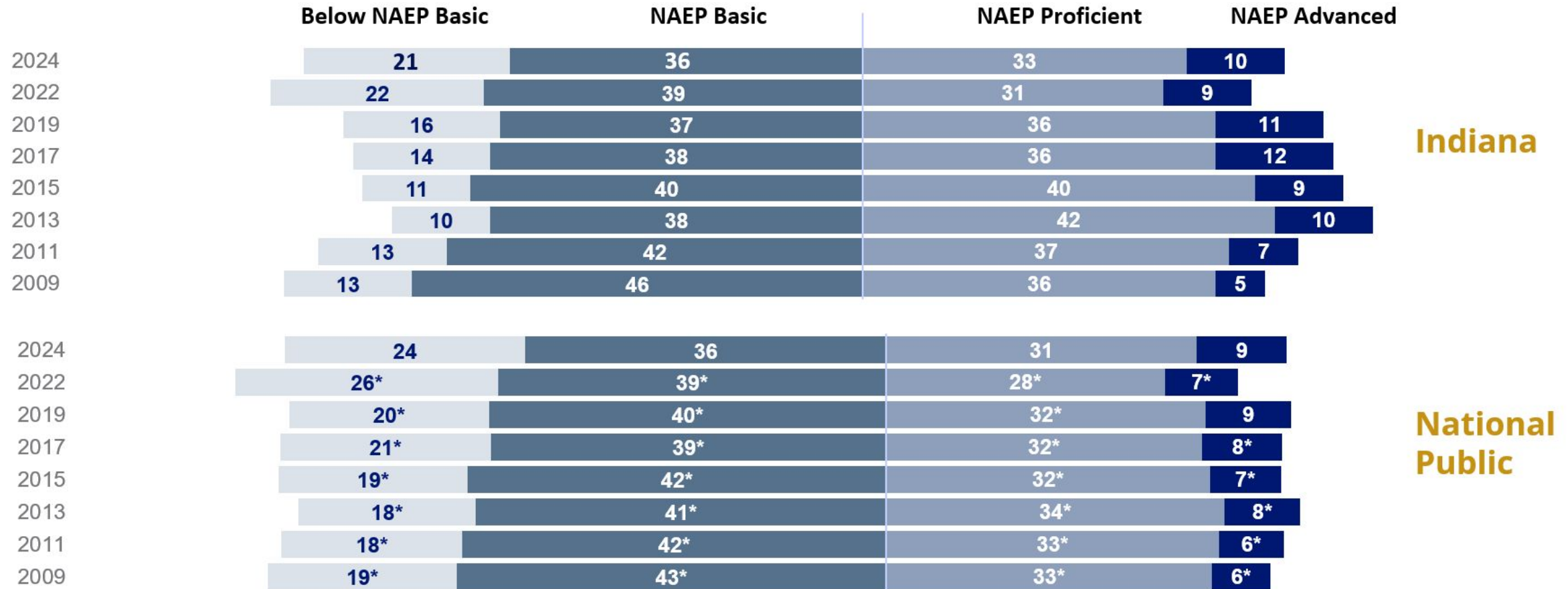


*Significantly different ($p < .05$) from 2024.

ACHIEVEMENT LEVEL PERCENTAGES



Grade 4



*Significantly different ($p < .05$) from 2024. NOTE: Detail may not sum to 100% because of rounding.

STUDENT POPULATION SCORES - DIFFERENCES SINCE 2022



Grade 4

	All Students	Male	Female	Economically Disadvantaged	Students with Disabilities*	English Learners
Indiana	◆ □1	◆ □1	◆ □4	◆ □1	◆ □1	◆
National Public	□ 2	□ 2	□ 3	□ 3	◆	◆

	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
Indiana	◆ □3	◆ □4	◆ □1	—	—	◆
National Public	□ 2	□ 3	□ 3	◆	◆	□ 4

□ Higher

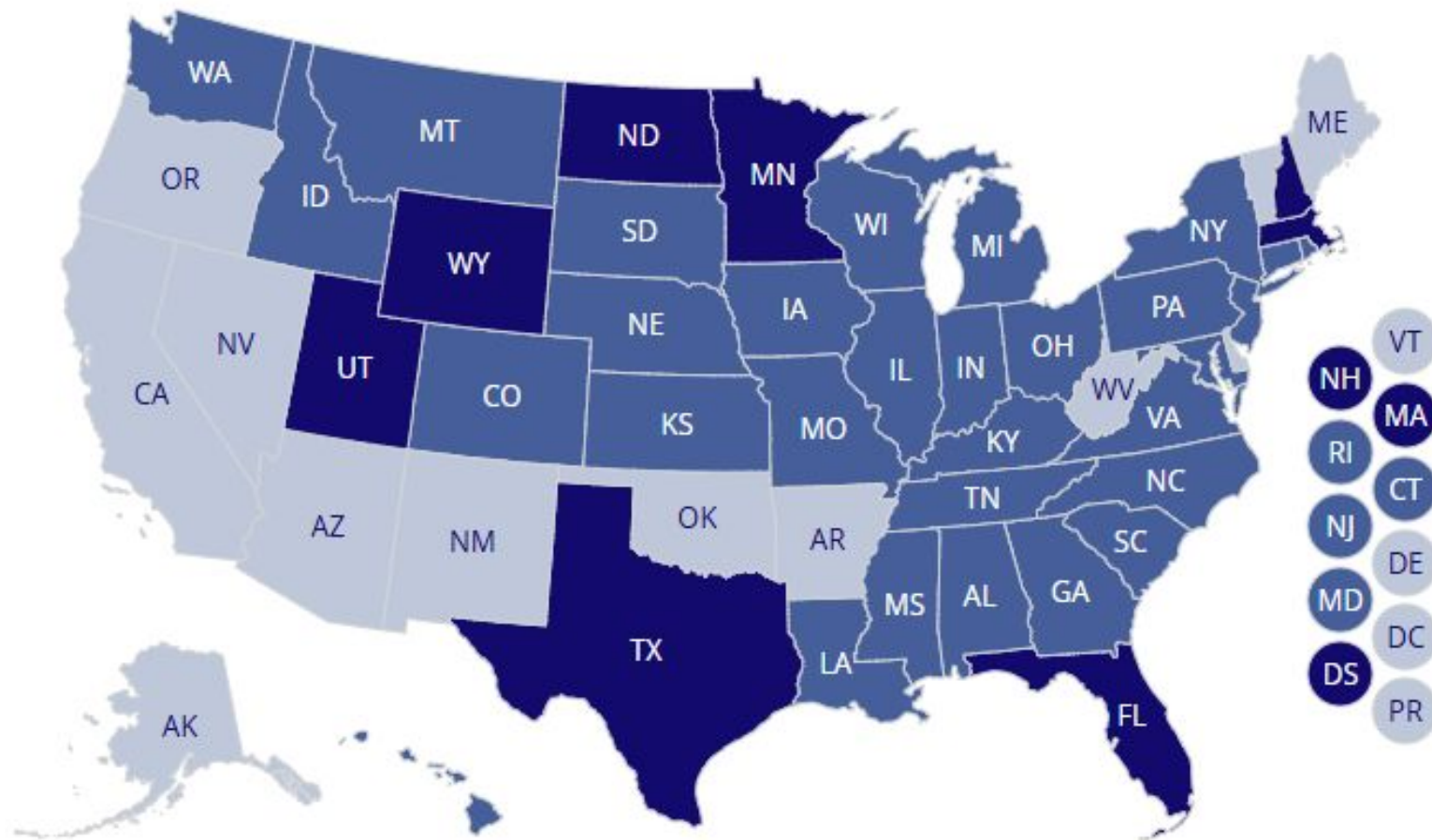
□ Lower

◆ No significant change

— Not available

*Students with disabilities, including those with a 504 plan.

NAEP STATE COMPARISONS - MATH



2024 National public
average scale score (0–500)

237

9

jurisdictions significantly higher

30

jurisdictions not significantly different

14

jurisdictions significantly lower

Grade Four Math Ranking Comparisons: 2022 to 2024

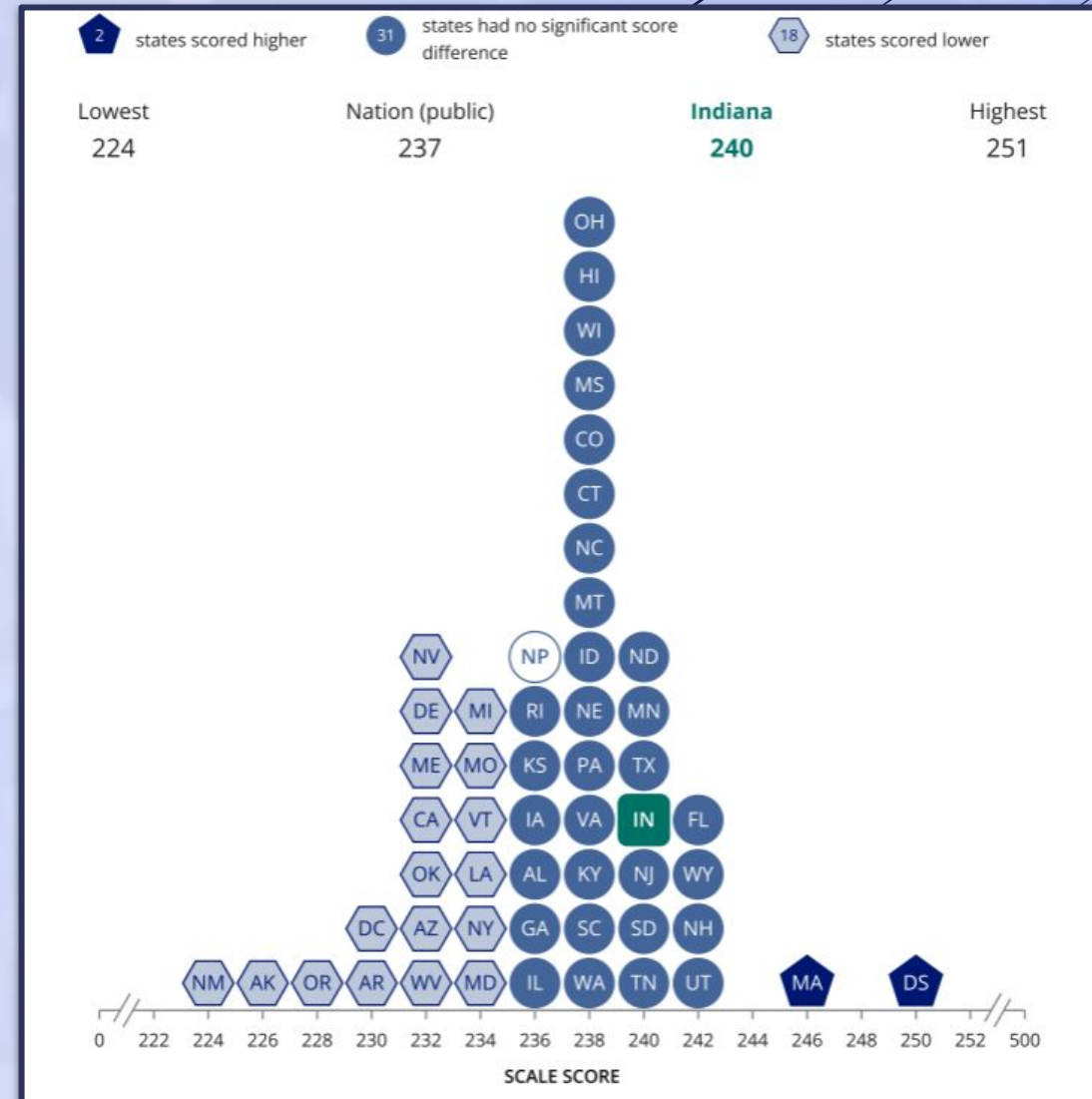
Ranking	2024	Average Scale Score	Change in Rank	2022	Average Scale Score
N/A	DoDEA	251	0	DoDEA	250
1	Massachusetts	246	1	Wyoming	243
2	Florida	243	2	Massachusetts	242
3	Wyoming	243	-2	Nebraska	242
4	New Hampshire	242	5	Florida	241
5	Utah	242	3	Wisconsin	240
6	North Dakota	241	0	North Dakota	240
7	Minnesota	241	5	Iowa	240
8	Texas	241	6	Utah	240
9	Indiana	240	2	New Hampshire	239
10	New Jersey	240	0	New Jersey	239
11	South Dakota	240	2	Indiana	239
12	Tennessee	240	10	Minnesota	239
13	Ohio	239	3	South Dakota	239
14	Hawaii	239	5	Texas	239
15	Wisconsin	239	-10	Montana	239
16	Mississippi	239	17	Ohio	238
17	Colorado	239	7	Pennsylvania	238
18	Connecticut	239	3	Illinois	237
19	North Carolina	239	6	Hawaii	237
20	Montana	238	-5	Virginia	236

INDIANA COMPARISONS - MATH

Indiana ranked 9th in the nation in fourth grade math.* States ranking above Indiana include:

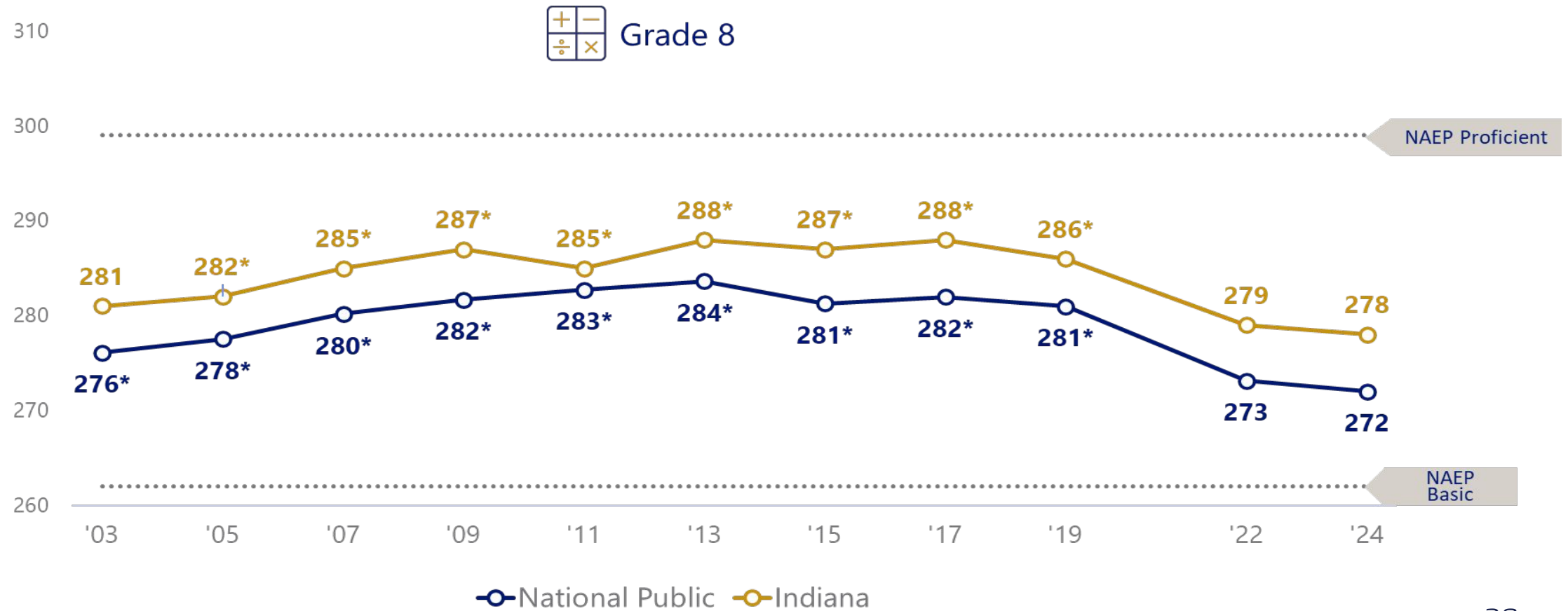
1. Massachusetts
2. Florida
3. Wyoming
4. New Hampshire
5. Utah
6. North Dakota
7. Minnesota
8. Texas

Note: DoDEA was not counted when comparing states but is included as a jurisdiction.



Eighth Grade Math Results

AVERAGE SCALE SCORES

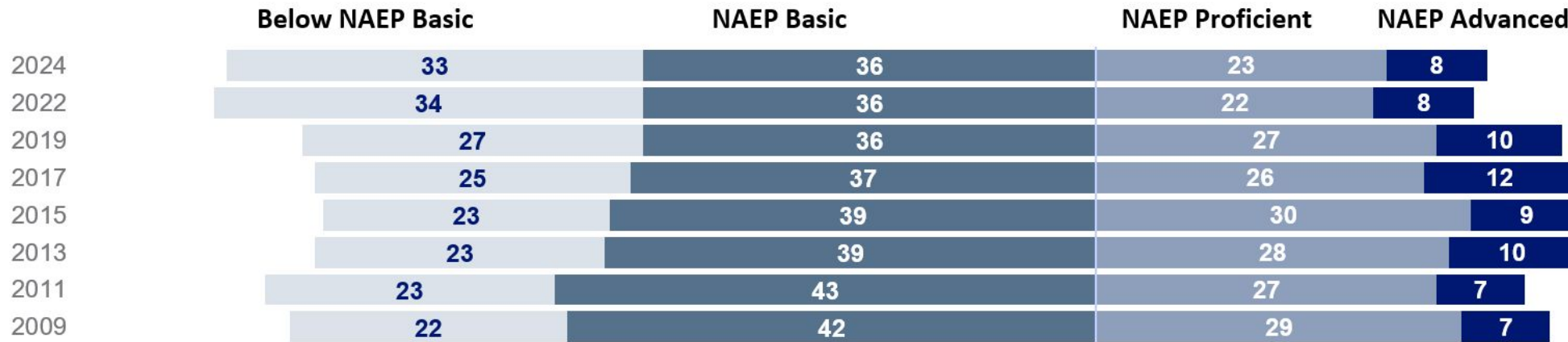


*Significantly different ($p < .05$) from 2024.

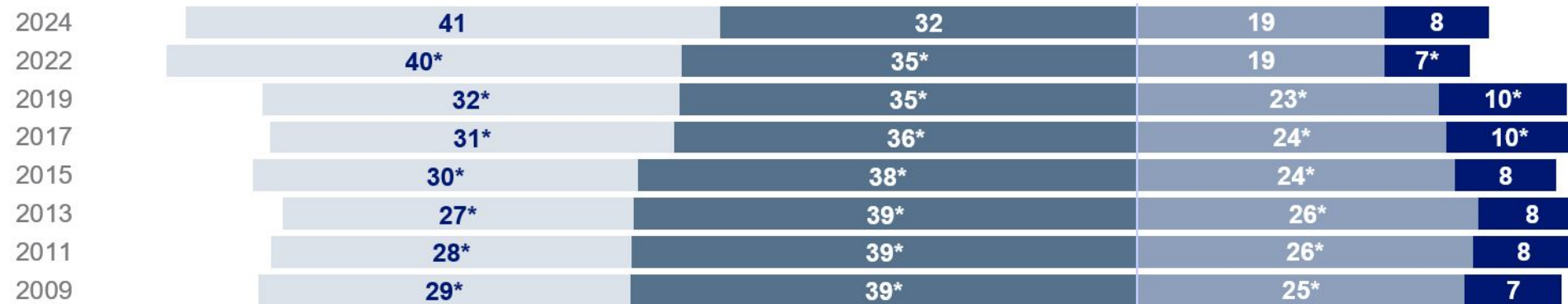
ACHIEVEMENT LEVEL PERCENTAGES



Grade 8



Indiana



National
Public

*Significantly different ($p < .05$) from 2024. NOTE: Detail may not sum to 100% because of rounding.

STUDENT POPULATION SCORES - DIFFERENCES SINCE 2022

 Grade 8

	All Students	Male	Female	Economically Disadvantaged	Students with Disabilities*	English Learners
Indiana	◆ □1	◆ □1	◆ □2	◆ □2	◆ □1	◆
National Public	◆	◆	□2	□2	□4	□4

	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
Indiana	◆	◆ □1	◆	—	—	◆ □1
National Public	◆	◆	□3	◆	◆	◆

□ Higher

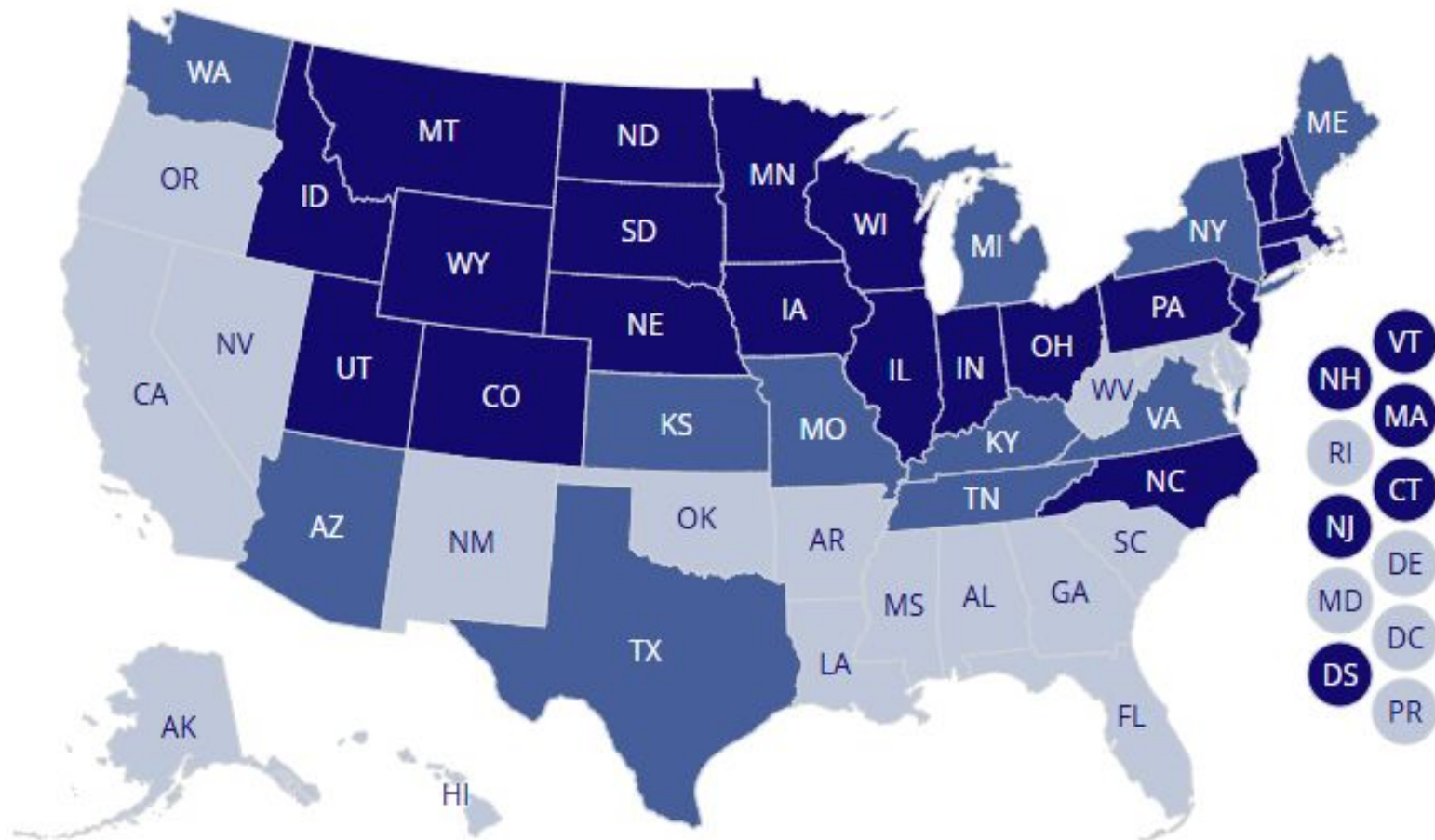
□ Lower

◆ No significant change

— Not available

*Students with disabilities including those with a 504 plan.

NAEP STATE COMPARISONS - MATH



2024 National public
average scale score (0–500)

272

22

jurisdictions significantly higher

11

jurisdictions not significantly different

20

jurisdictions significantly lower

Grade Eight Math Ranking Comparisons: 2022 to 2024

Ranking	2024	Average Scale Score	Change in Rank	2022	Average Scale Score
N/A	DoDEA	291	0	DoDEA	292
1	Massachusetts	283	0	Massachusetts	284
2	Wisconsin	283	3	Utah	282
3	Minnesota	282	8	Idaho	282
4	Utah	282	-2	South Dakota	281
5	New Jersey	282	2	Wisconsin	281
6	South Dakota	281	-2	Wyoming	281
7	Nebraska	280	2	New Jersey	281
8	North Dakota	280	5	Minnesota	280
9	New Hampshire	280	3	Nebraska	279
10	Montana	279	4	Virginia	279
11	Ohio	279	8	Indiana	279
12	Wyoming	278	-6	New Hampshire	279
13	Indiana	278	-2	North Dakota	278
14	Colorado	278	7	Montana	277
15	Idaho	278	-12	Iowa	277
16	Illinois	277	4	Connecticut	276
17	Connecticut	277	-1	Vermont	276
18	Pennsylvania	276	4	Washington	276
19	Tennessee	276	10	Ohio	276
20	North Carolina	276	4	Illinois	275

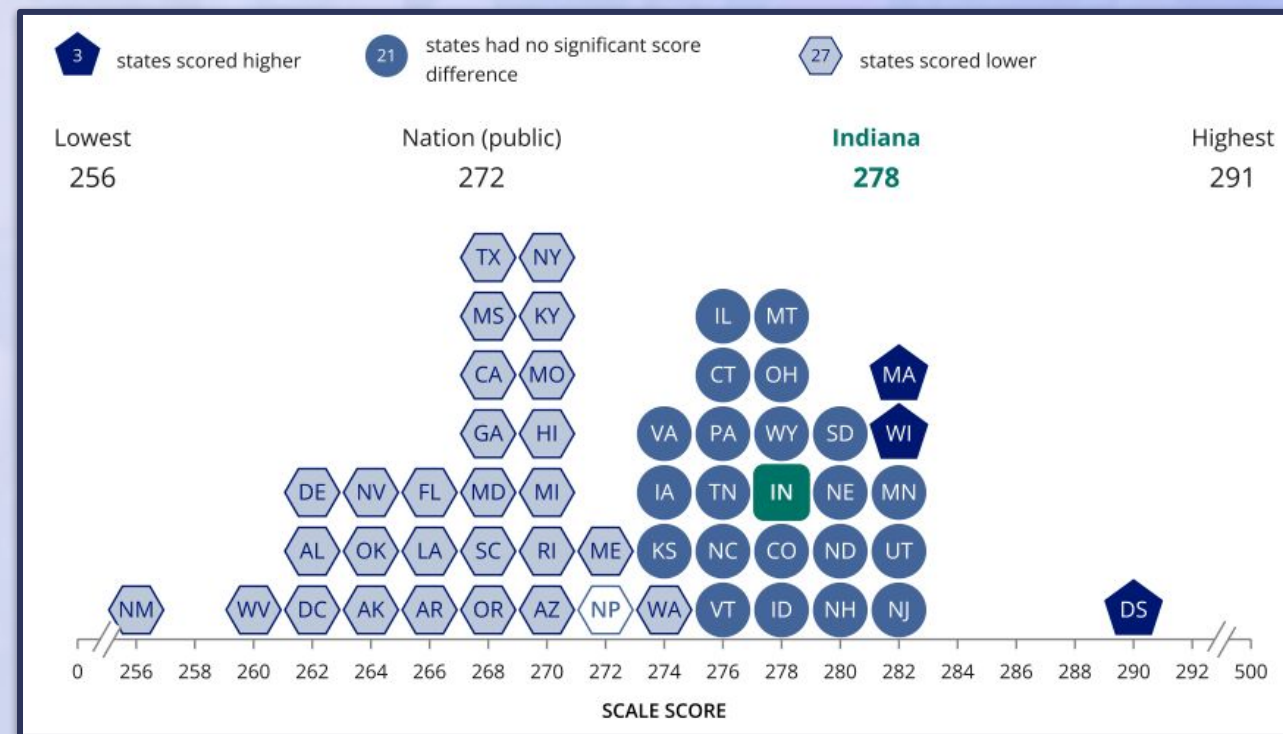
INDIANA COMPARISONS - MATH

Indiana ranked 13th in the nation in eighth grade math.*

States ranking above Indiana include:

- | | |
|------------------|------------------|
| 1. Massachusetts | 7. Nebraska |
| 2. Wisconsin | 8. North Dakota |
| 3. Minnesota | 9. New Hampshire |
| 4. Utah | 10. Montana |
| 5. New Jersey | 11. Ohio |
| 6. South Dakota | 12. Wyoming |

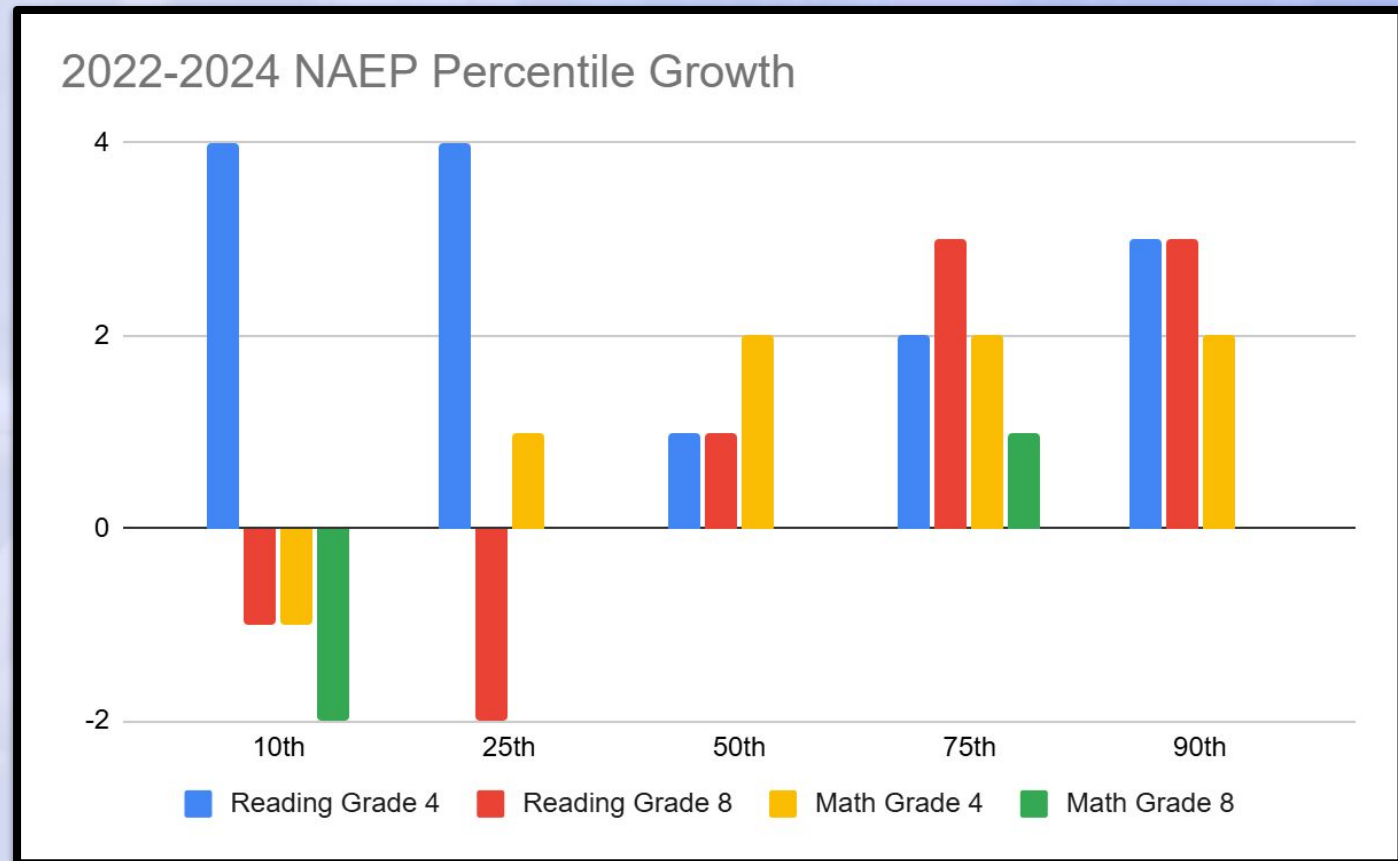
Note: DoDEA was not counted when comparing states but is included as a jurisdiction.



PERCENTILE GROWTH FOR CONTENT AREAS/GRADE LEVELS

Percentile growth for each content area and grade level.

- **Reading 4:** growth across all percentiles; greater increase at lowest levels.
- **Reading 8:** Gaps are growing between lowest and highest performers.
- **Math 4:** Lowest performers losing ground while others have movement.
- **Math 8:** Lowest performers losing ground, 25th, 50th, 90th flat, some growth in 75th percentile.





THANK YOU!