



Idaho Department  
of Education



# NAEP 2024 Reading and Mathematics Results

Paul Kleinert, PhD  
NAEP Coordinator



# What is NAEP?

The only assessment that measures what U.S. students know and can do in various subjects across the nation, states, and in some cases, urban districts.

NAEP results are released as “The Nation’s Report Card”

[www.nationsreportcard.gov](http://www.nationsreportcard.gov)



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National Assessment of  
Educational Progress

# NAEP Subjects



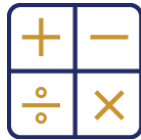
Civics



Geography



U.S. History



Mathematics



Reading



Science



Writing

# What does NAEP measure?



Overall student performance for key demographic groups



Change over time



Differences between the nation, states, and urban districts

# NAEP Jurisdictions

NAEP produces jurisdiction-level results for...

- All 50 states,
- Department of Defense Education Activity
- District of Columbia,
- Puerto Rico, and
- 26 urban districts

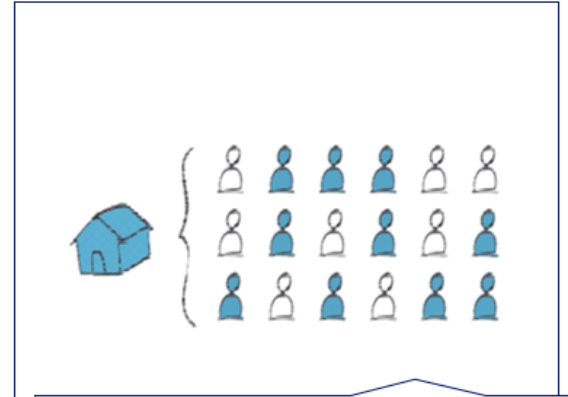
# NAEP School and Student Selection



1. Identify all eligible schools



2. Sample schools



3. Sample students

# Sample Sizes (National Public)

Representative samples of schools and students



Reading



Mathematics

Grade	Reading		Mathematics	
	Schools	Students	Schools	Students
4	5,750	112,200	5,750	112,700
8	5,150	110,600	5,160	111,300

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

# Sample Sizes (Idaho)

Representative samples of schools and students



Reading



Mathematics

Grade	Schools	Students	Schools	Students
4	90	1,800	90	1,800
8	90	1,800	90	1,800

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



# NAEP Administration

- January to March 2024
- Administered as a digitally based assessment on tablets
- Each student assessed in one subject
- Students take a small portion of the item pool
- Accommodations provided as necessary for
- Students with disabilities
- English learners

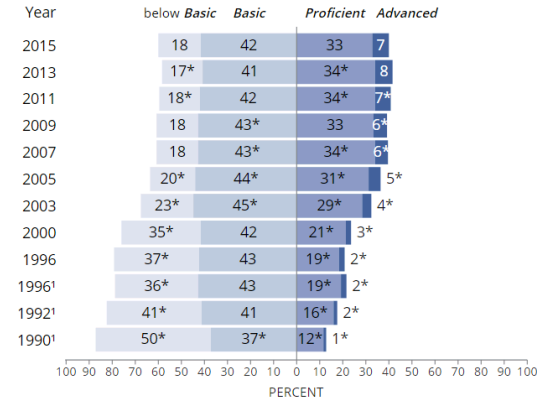
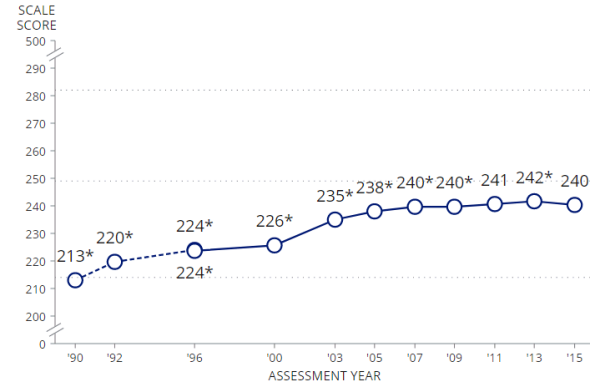
# NAEP Results

## Scale Scores

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

## Achievement Levels

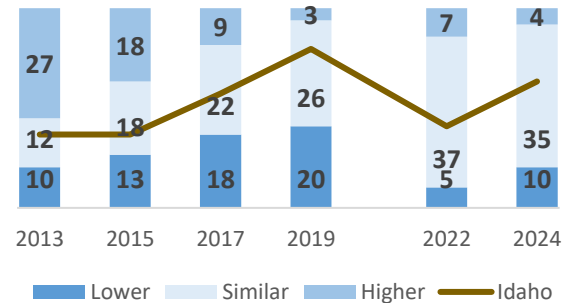
- Below NAEP Basic
- NAEP Basic
- NAEP Proficient
- NAEP Advanced



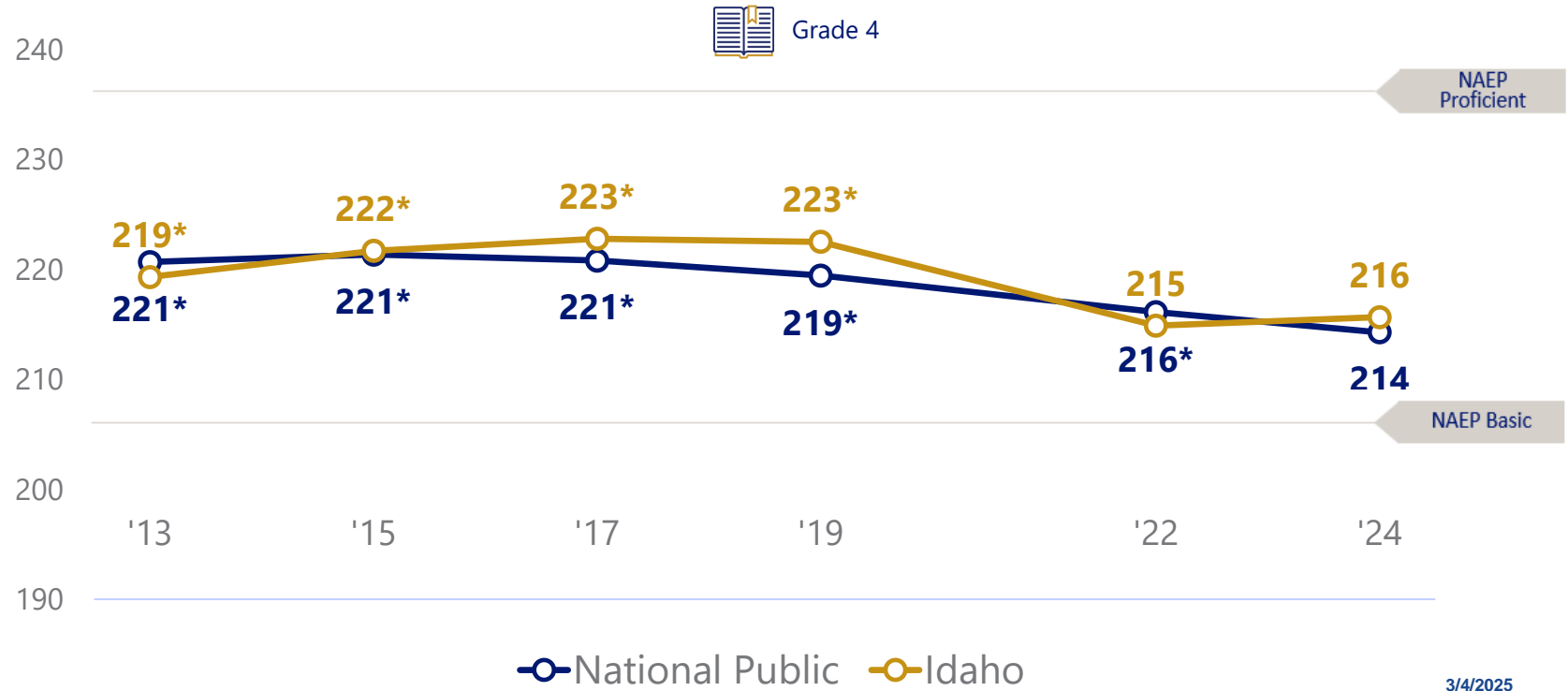
# Grade 4 Reading Results



Idaho NAEP performance compared to other states reading grade 4



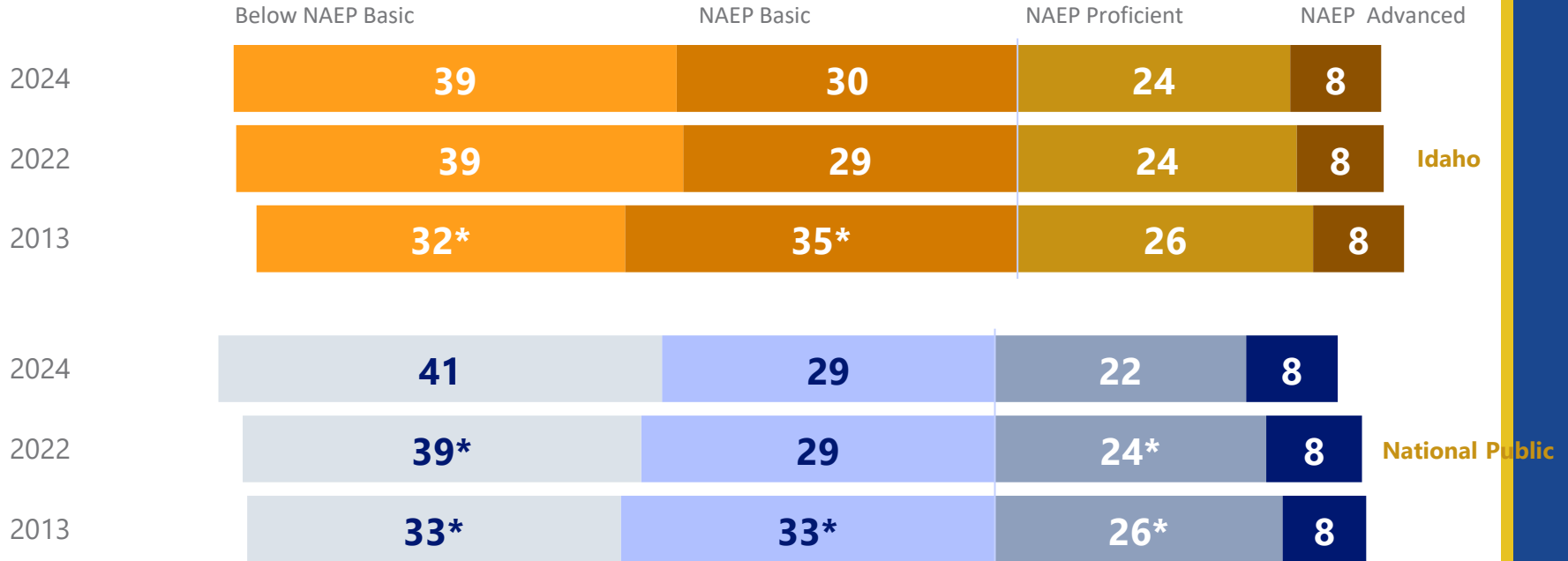
# Average Scale Scores Reading Grade 4



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

# Achievement Level Percentages

## Reading Grade 4



3/4/2025

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

# Student Group Score Differences Reading Grade 4



Grade 4 – Differences since 2013

Jurisdiction	All Students	Male	Female	Economically Disadvantaged	Students with Disabilities*	English language learners
Idaho	↓4	↓6	◆	◆	↑13	◆
National Public	↓6	↓7	↓6	↓5	◆	◆

↑ Higher

↓ Lower

◆ No significant change

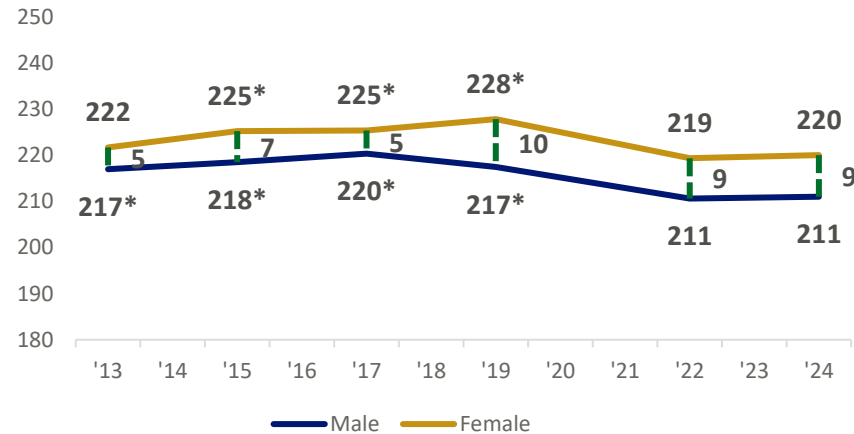
— Not available

Jurisdiction	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
Idaho	↓4	—	↑3	—	—	—
National Public	↓7	↓7	↓4	↓1/↓6	↓10	↓6

\*Students with disabilities excluding those with a 504 plan.

# NAEP gap change since 2013 Reading Grade 4

NAEP Reading Grade 4  
Gap - Average Scale Score: 2011-2022

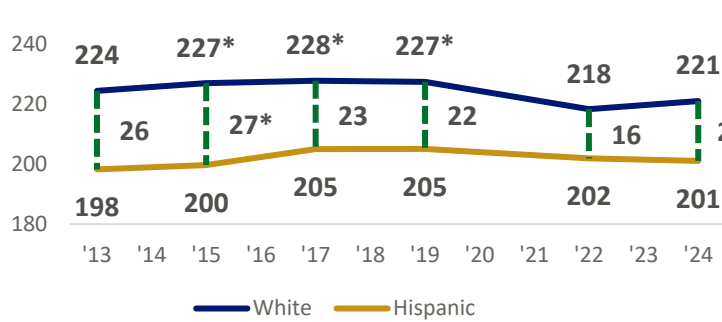


\*significant compared to 2024  
all y-axes 70 point scale on gap graphs

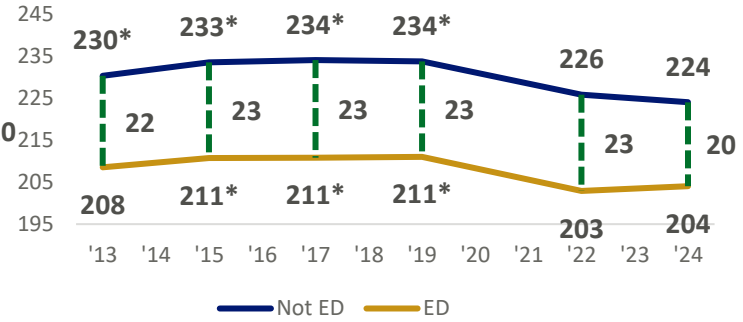
# NAEP gap change since 2013, Reading Grade 4



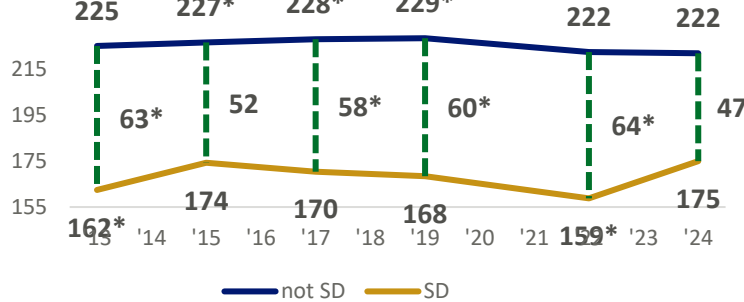
### Hispanic White Gap



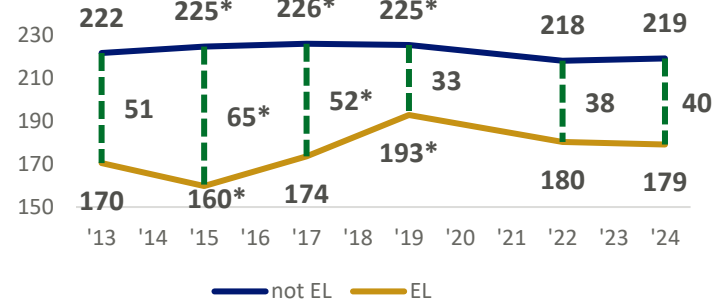
### Economically Disadvantaged Gap



### Students with Disabilities Gap



### English Learners Gap



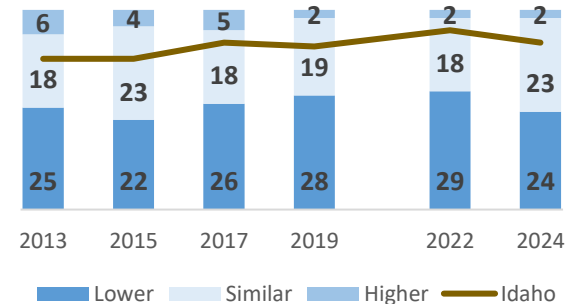
SD and EL y-axes are 80 point gap to accommodate gap ranges



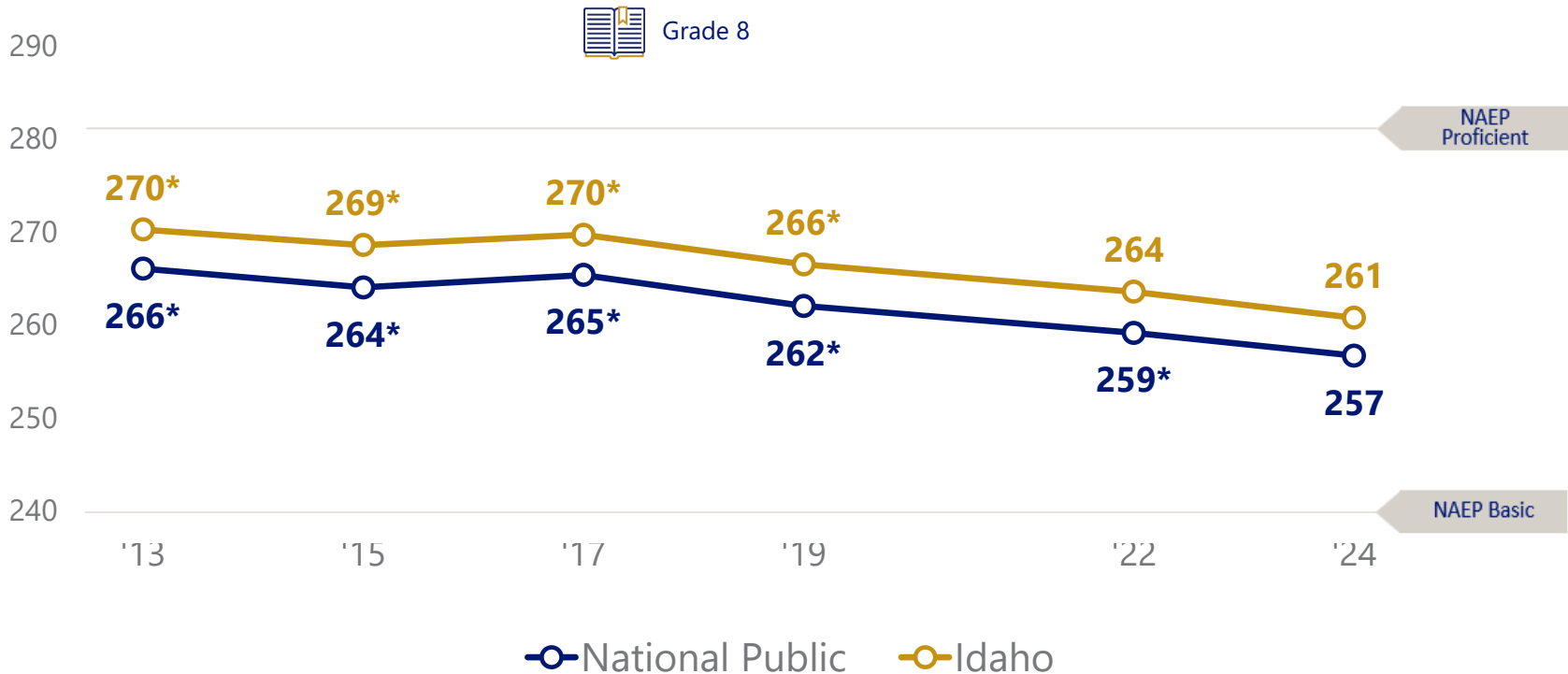
# Grade 8 Reading Results



Idaho NAEP performance compared to other states reading grade 8

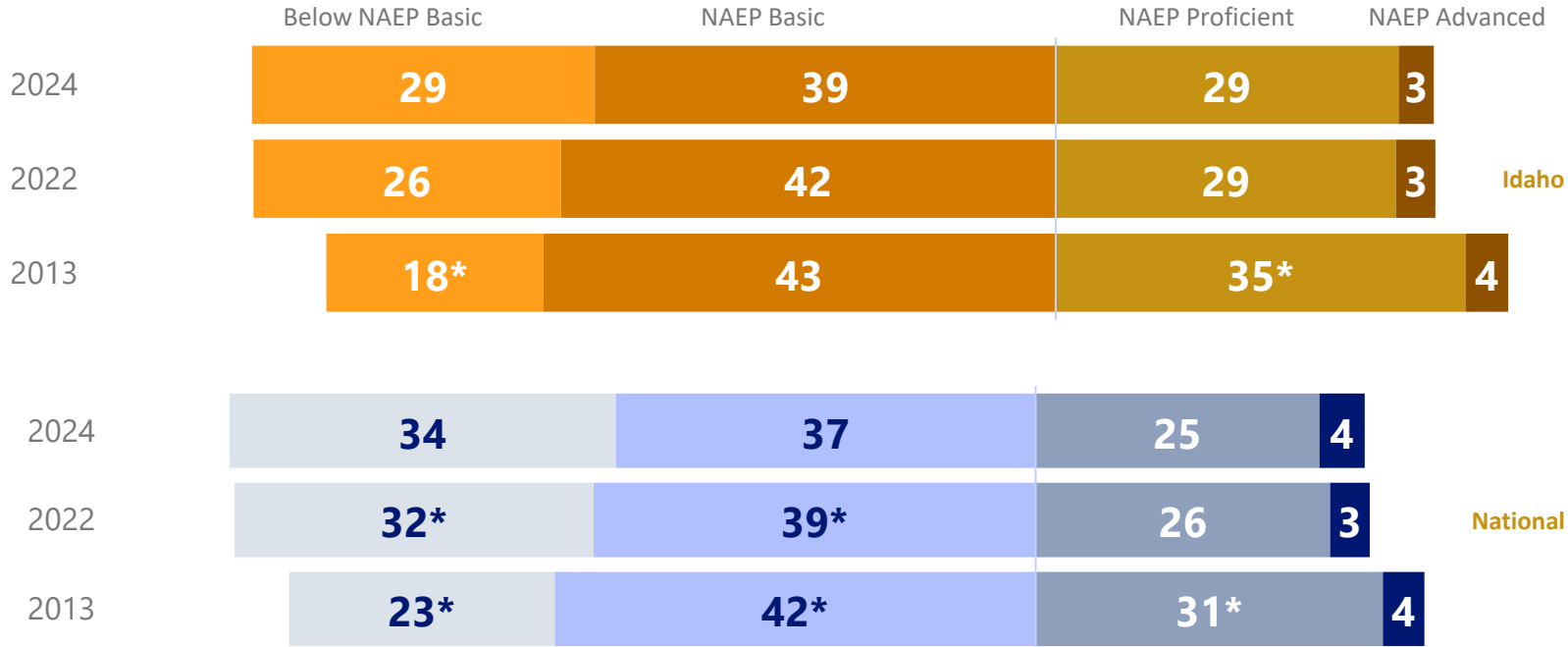


# Average Scale Scores Reading Grade 8



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

# Achievement Level Percentages Reading Grade 8



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

# Student Group Score Differences Reading Grade 8



Grade 8 – Differences since 2013

Jurisdiction	All Students	Male	Female	Economically Disadvantaged	Students with Disabilities*	English Learners
Idaho	↓9	↓8	↓11	↓15	↓10	↓17
National Public	↓9	↓9	↓10	↓9	↓7	↓5

↑ Higher

↓ Lower

◆ No significant change

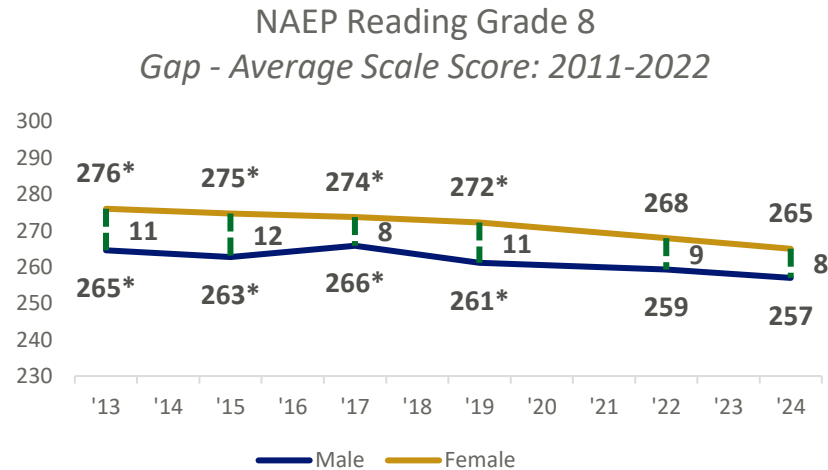
— Not available

Jurisdiction	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
Idaho	↓9	—	↓9	—	—	—
National Public	↓9	↓7	↓10	◆/↓8	↓7	↓8

\*Students with disabilities excluding those with a 504 plan.

# NAEP gap change since 2013

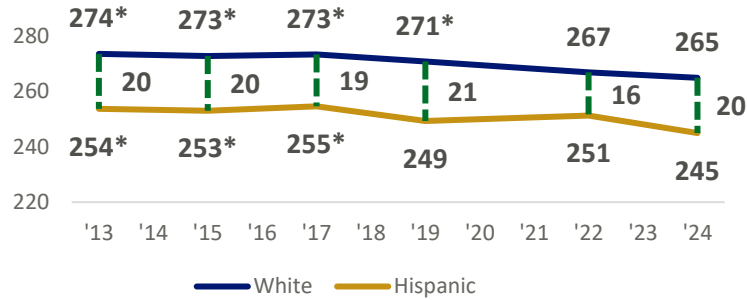
## Reading Grade 8



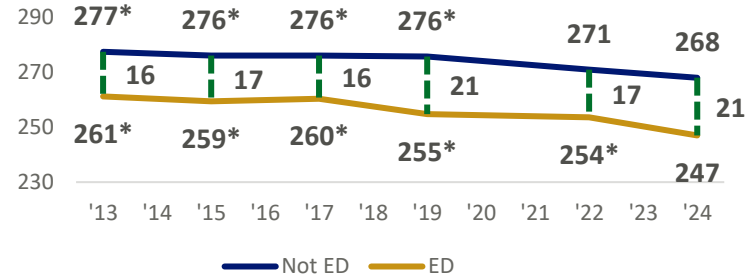
\*significant compared to 2024  
 all y-axes 70 point scale on gap graphs

# NAEP gap change since 2013, Reading Grade 8

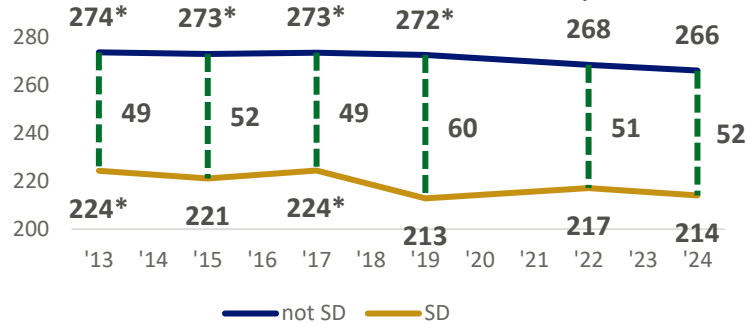
### Hispanic White Gap



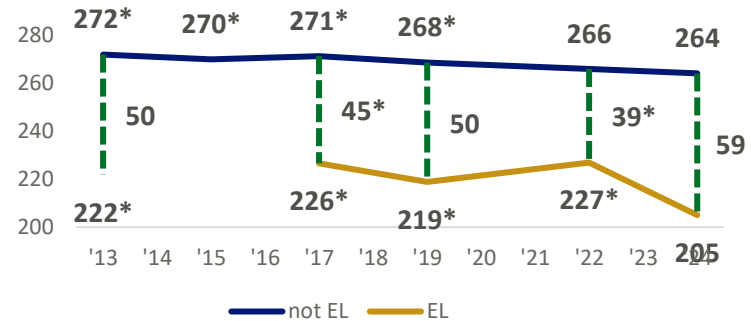
### Economically Disadvantaged Gap



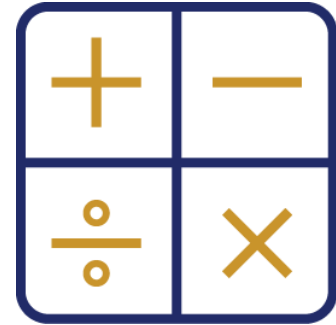
### Students with Disabilities Gap



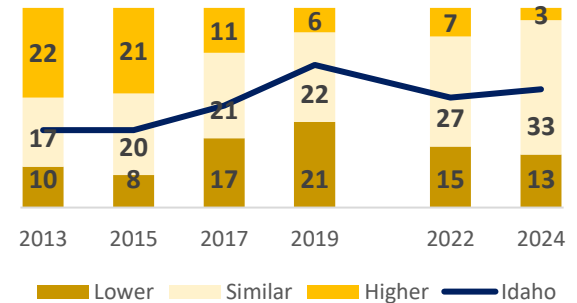
### English Learners Gap



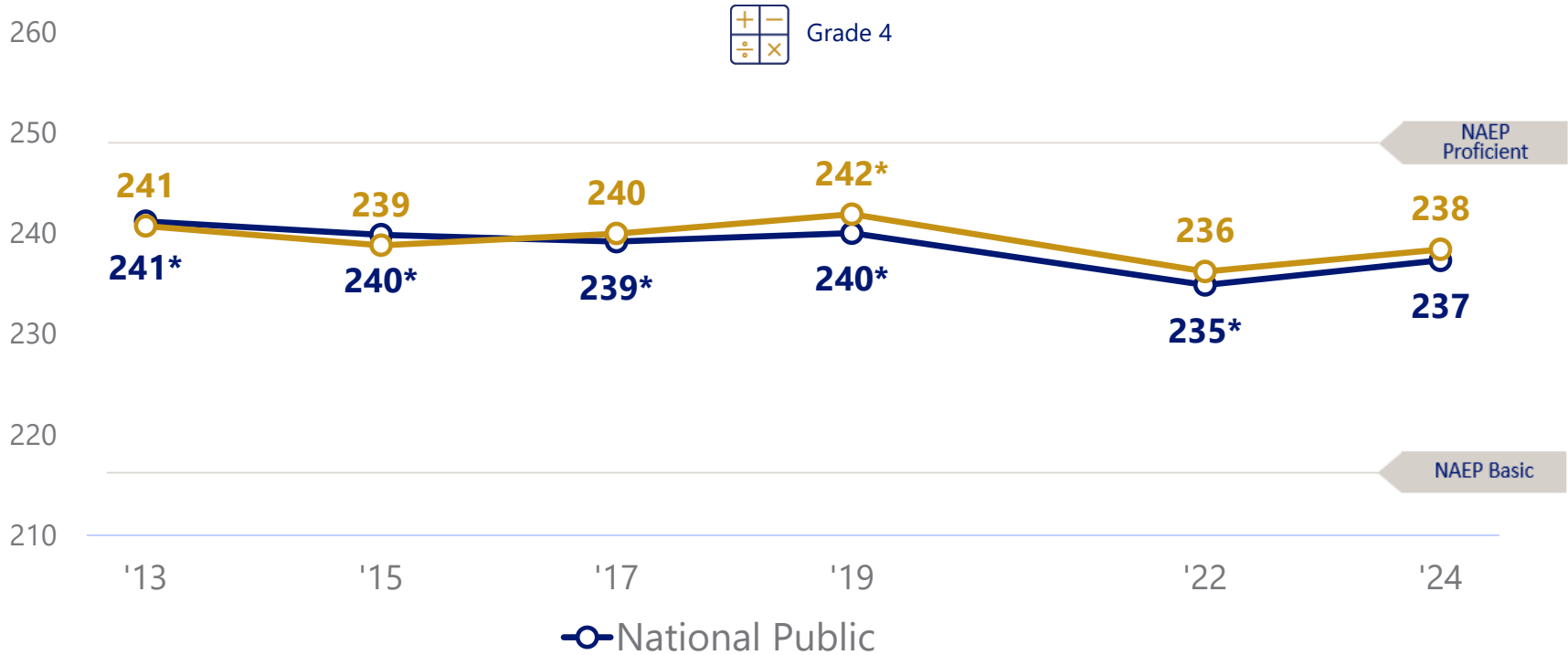
# Grade 4 Mathematics Results



Idaho NAEP performance compared to other states  
mathematics grade 4



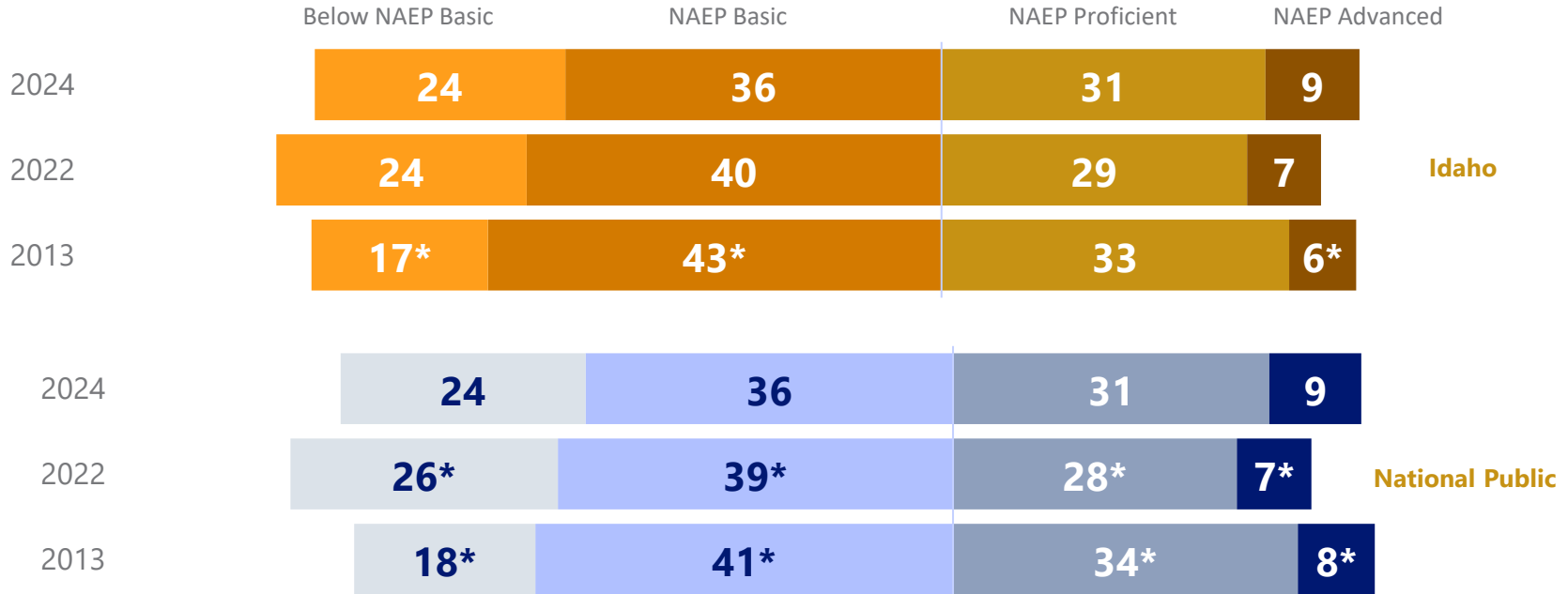
# Average Scale Scores Mathematics Grade 4



\*Significantly different (p < .05) from 2022.



# Achievement Level Percentages Mathematics Grade 4



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

# Student Group Score Differences Mathematics Grade 4



Grade 4 – Differences since 2011

Jurisdiction	All Students	Male	Female	Economically Disadvantaged	Students with Disabilities*	English Learners
Idaho	◆	◆	◆	↓7	↓10	◆
National Public	↓4	↓2	↓6	↓4	↓7	↓4

↑ Higher

↓ Lower

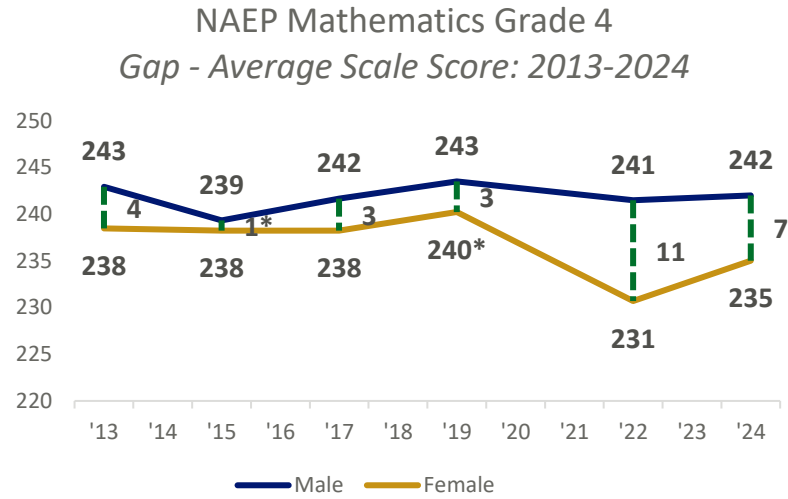
◆ No significant change

— Not available

Jurisdiction	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
Idaho	◆	—	◆	—	—	—
National Public	↓3	↓5	↓4	↓1/↓15	↓8	↓3

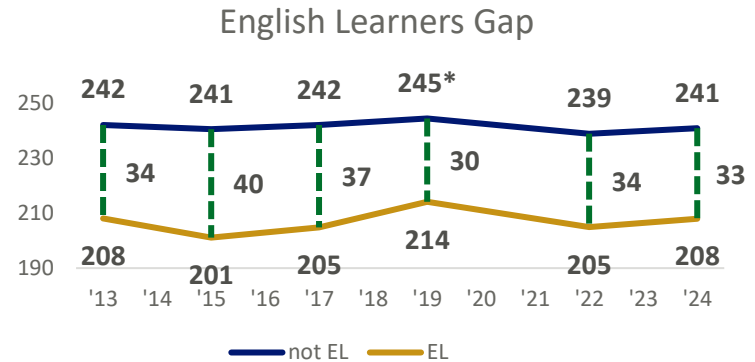
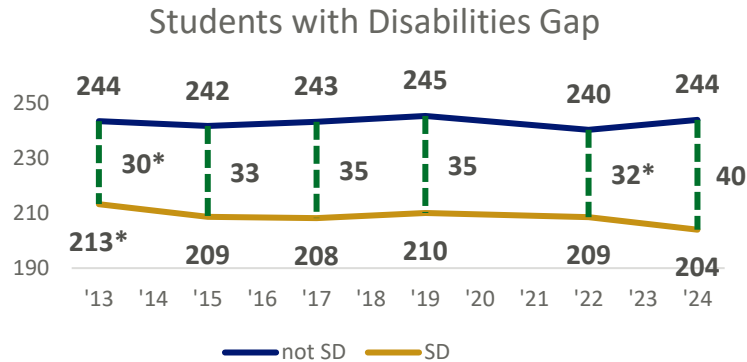
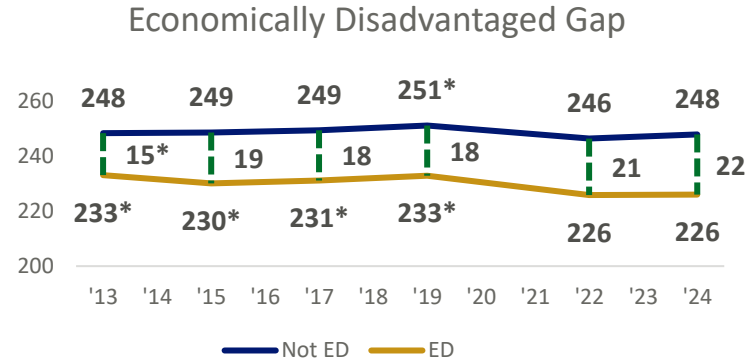
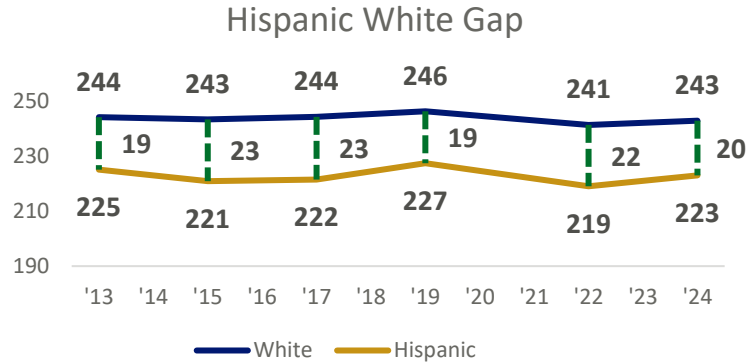
\*Students with disabilities excluding those with a 504 plan.

# NAEP gap change since 2013 Mathematics Grade 4

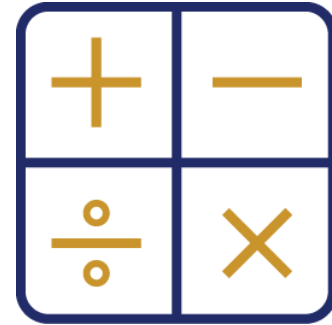


\*significant compared to 2024  
all y-axes 70 point scale on gap graphs

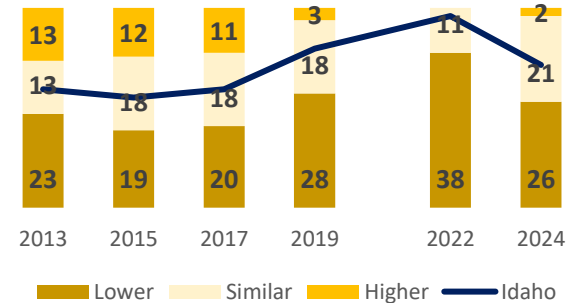
# NAEP gap change since 2013, Mathematics Grade 4



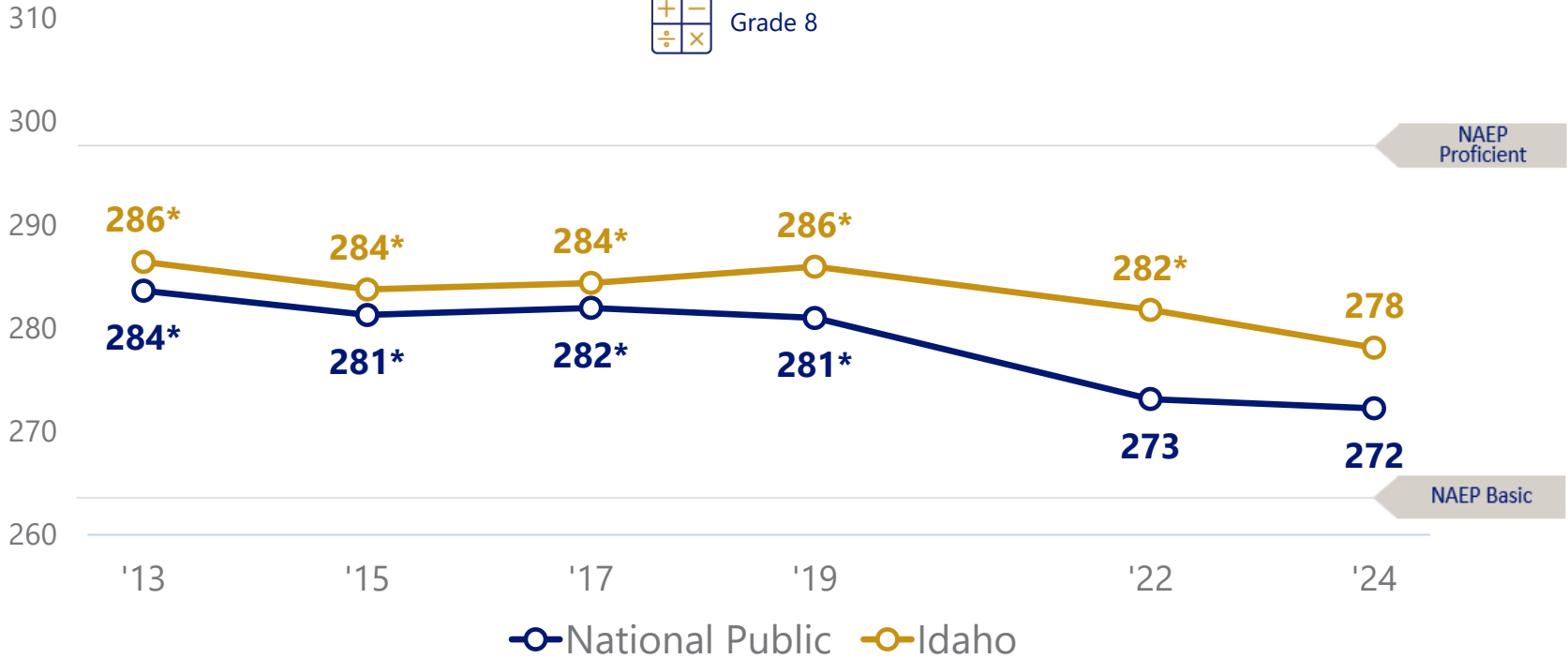
# Grade 8 Mathematics Results



Idaho NAEP performance compared to other states  
mathematics grade 8

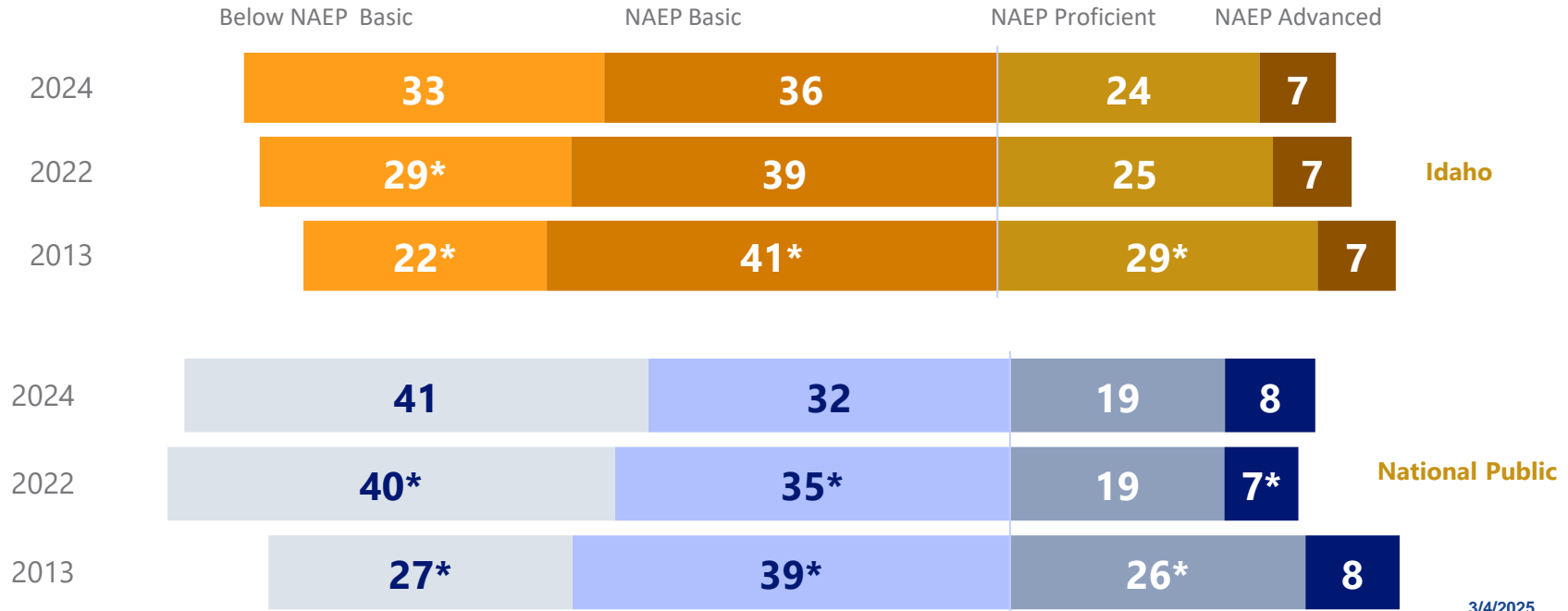


# Average Scale Scores Mathematics Grade 8



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

# Achievement Level Percentages Mathematics Grade 8



3/4/2025

\*Significantly different (p < .05) from 2022. NOTE: Detail may not sum to totals because of rounding.

# Student Group Score Differences Mathematics Grade 8



Grade 8 – Differences since 2013

Jurisdiction	All Students	Male	Female	Economically Disadvantaged	Students with Disabilities*	English Learners
Idaho	↓8	↓8	↓9	↓16	↓12	↓11
National Public	↓11	↓10	↓13	↓12	↓11	↓8

↑ Higher

↓ Lower

◆ No significant change

— Not available

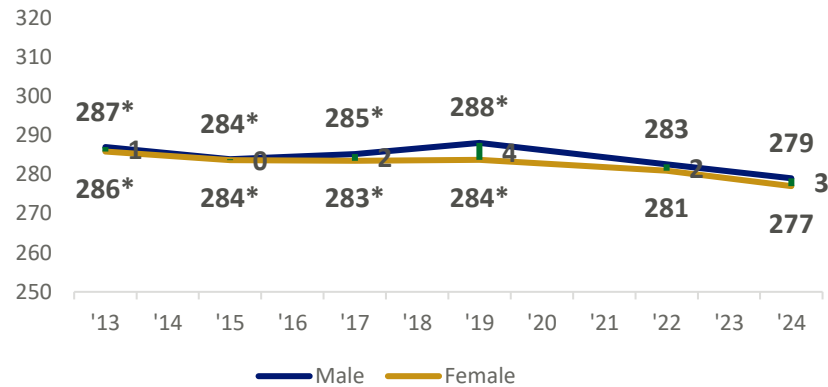
Jurisdiction	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
Idaho	↓7	—	↓11	—	—	—
National Public	↓9	↓12	↓14	↓1/↓17	↓17	↓10

\*Students with disabilities excluding those with a 504 plan.



# NAEP gap change since 2013 Mathematics Grade 8

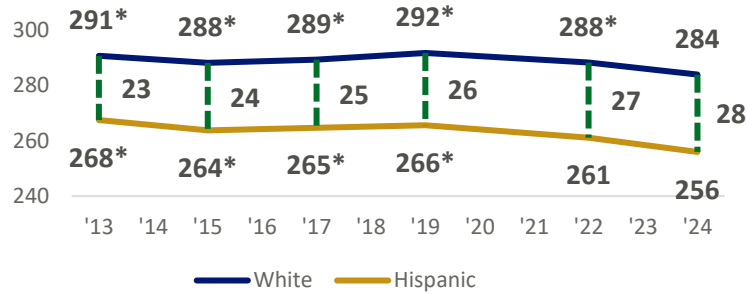
NAEP Mathematics Grade 8  
Gap - Average Scale Score: 2011-2022



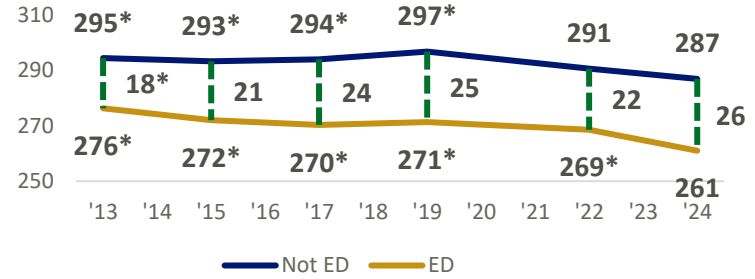
\*significant compared to 2024  
all y-axes 70 point scale on gap graphs

# NAEP gap change since 2013, Mathematics Grade 8

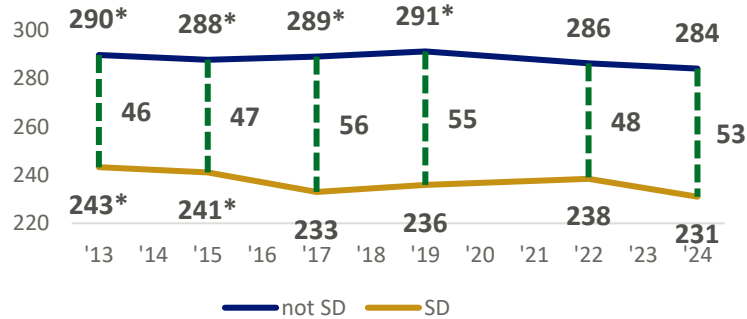
### Hispanic White Gap



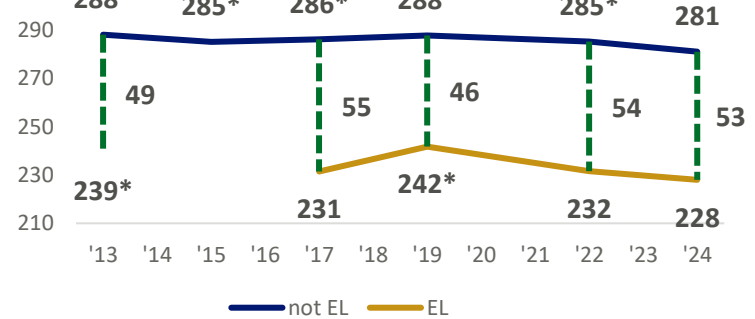
### Economically Disadvantaged Gap



### Students with Disabilities Gap



### English Learners Gap



SD and EL y-axes are 80 point gap to accommodate gap ranges



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# National Assessment of Educational Progress

Paul Kleinert, PhD

NAEP Coordinator

(208) 332-6957

[pkleinert@sde.idaho.gov](mailto:pkleinert@sde.idaho.gov)