

TO: Members of the State Board of Education

FROM: Carey M. Wright, Ed.D., State Superintendent of Schools 

DATE: February 25, 2025

SUBJECT: National Assessment of Educational Progress 2025 Results

Purpose

The purpose of this item is to provide results of the 2024 National Assessment of Educational Progress (NAEP) to the State Board of Education.

Executive Summary

Key findings of Maryland's 2024 NAEP results include:

- In 2024, the average reading scale score for fourth-and eighth grade students in Maryland was not significantly different from that for the nation's public schools.
- Grade 4 reading in 2024 was two points above the national average and grade 8 reading in 2024 was one point above the national average.
- In 2024, the average mathematics scale score for fourth-and-eighth grade students in Maryland was lower than that for the nation's public schools.
- Grade 4 mathematics increased five points in 2024 compared to 2022 (statistically significant) but was still three points below the national average; grade 8 mathematics was four points below the national average.
- No state/jurisdiction had a statistically significant increase in grade 8 mathematics while four states saw a statistically significant decrease; Maryland's average scale score did not change from 2022.

Action

No action is required; this information is for discussion only.

Attachments

NAEP BoE Feb 2025.pptx

NAEP BoE Feb 2025.pdf

DIVISION OF ASSESSMENT, ACCOUNTABILITY, PERFORMANCE
REPORTING, AND RESEARCH

NAEP 2024 Results

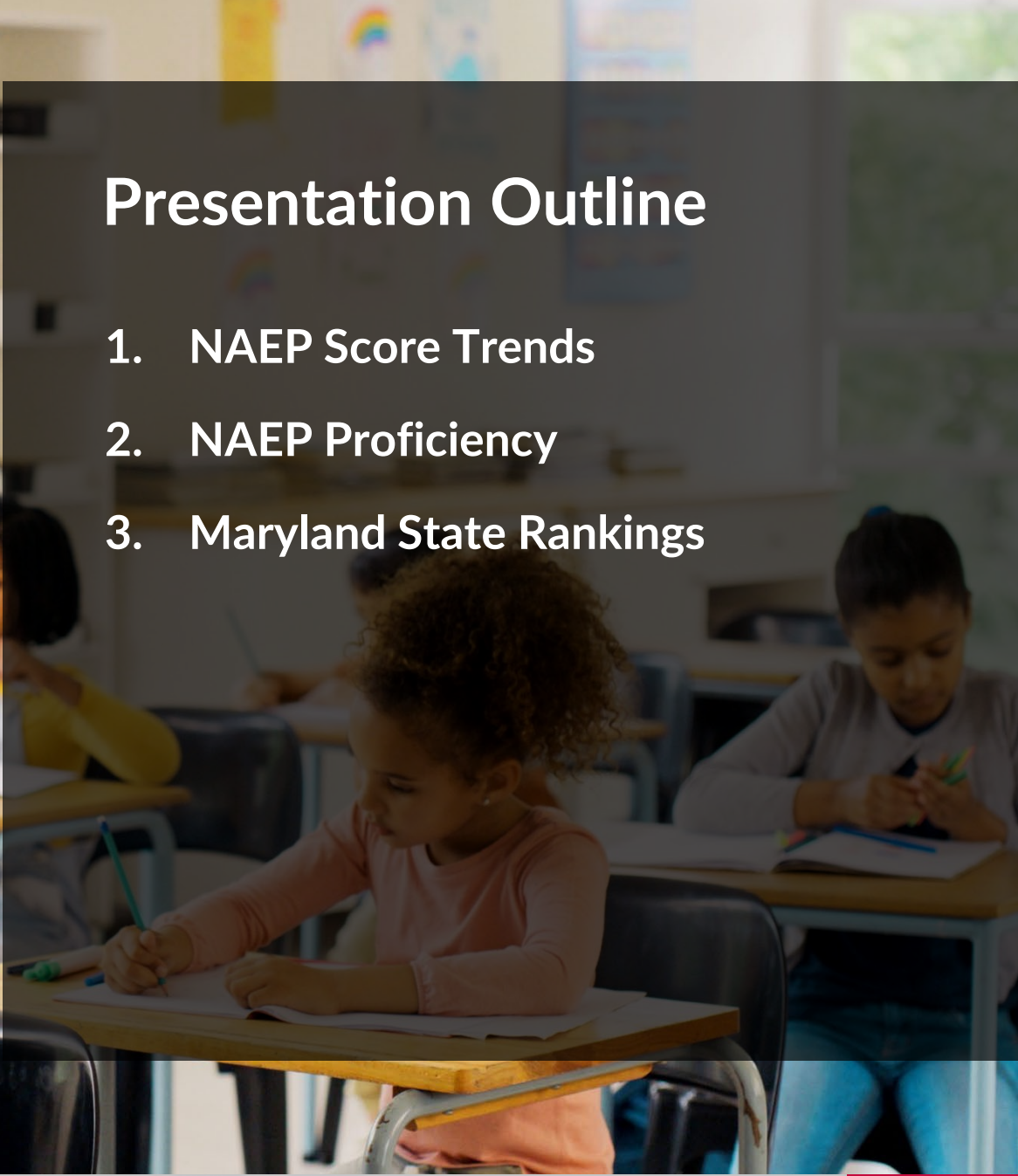
February 25, 2025

Presented By | Geoff Sanderson, Deputy State Superintendent



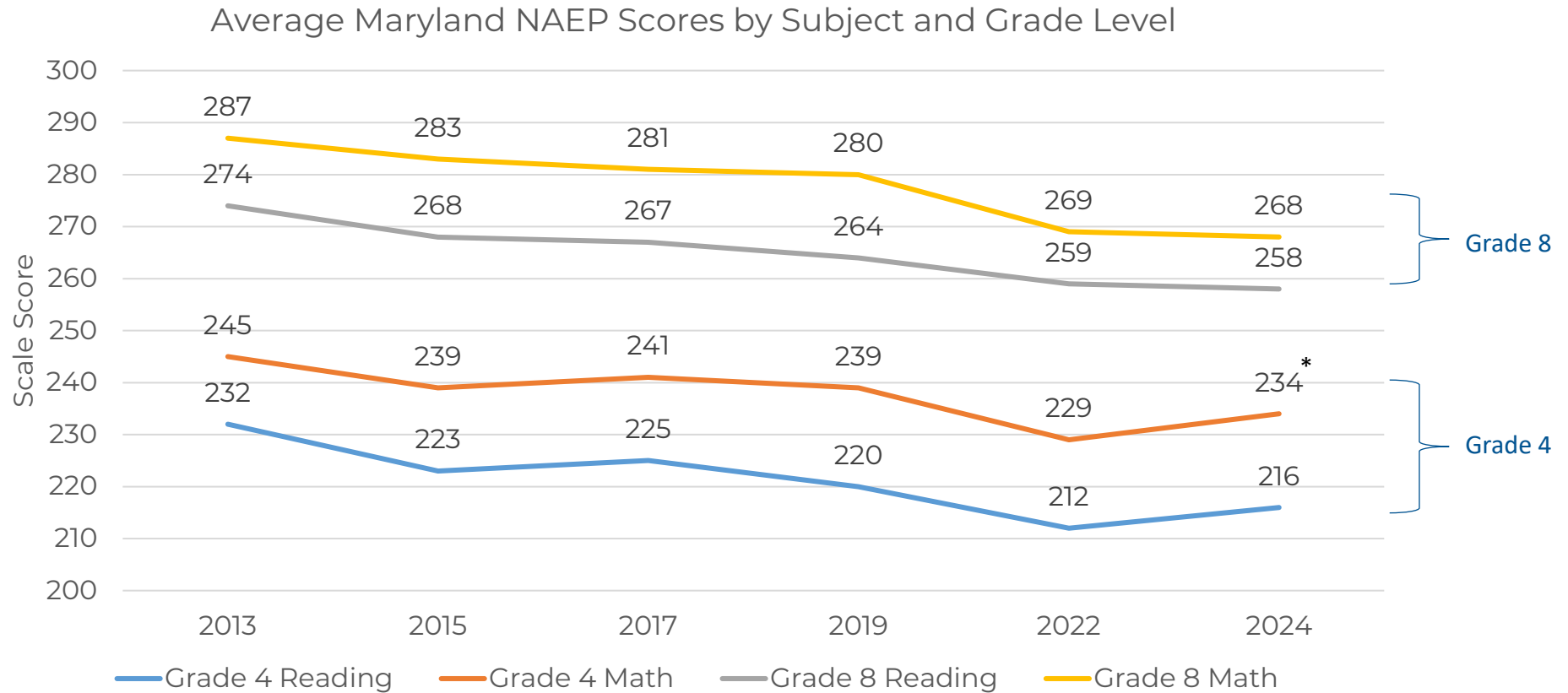
Presentation Outline

1. NAEP Score Trends
2. NAEP Proficiency
3. Maryland State Rankings



Maryland's Average NAEP Scores

Maryland's NAEP scores have generally declined since 2013. Grade 4 scores increased in 2024 while Grade 8 scores were relatively unchanged.



* Scale score in 2024 was significantly different than in 2022 (p < .05).

Maryland State Comparisons

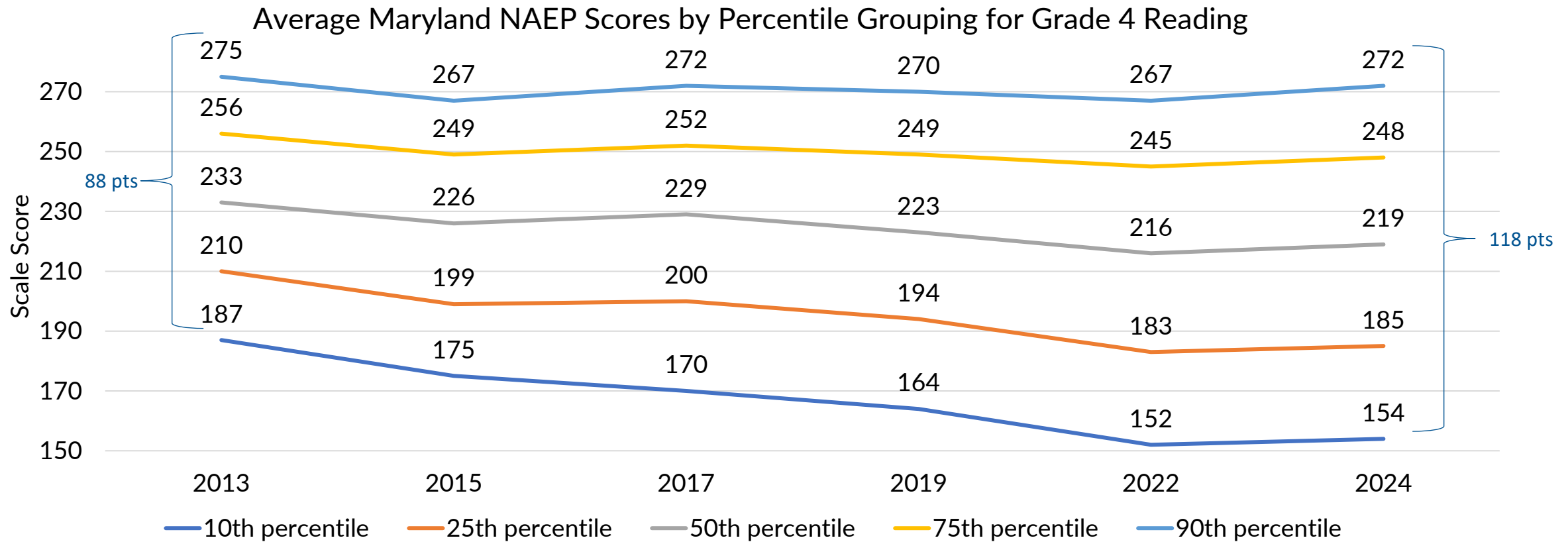
Rankings for each grade and subject improved in 2024.

Maryland	Rank (out of 50 states)					
	2013	2015	2017	2019	2022	2024
Grade 4 Reading	2	26	12	25	40	20
Grade 8 Reading	6	18	22	17	25	21
Grade 4 Math	16	29	23	33	42	39
Grade 8 Math	20	25	31	29	42	38

Note. State rankings based on average scale scores which are calculated to ten decimal place values and do not take into account statistical significance.

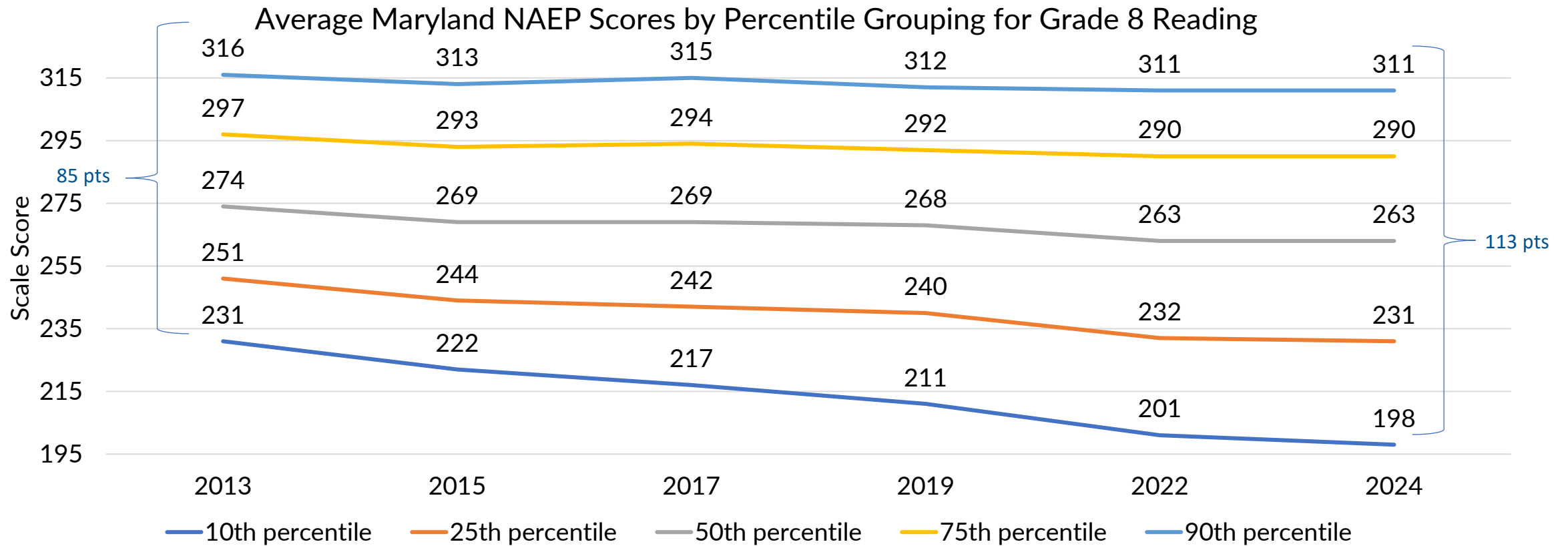
Maryland's Average NAEP Scores – Grade 4 Reading

The gap between higher- and lower-performers in Grade 4 Reading in Maryland has widened since 2013. In 2024, scores increased across the distribution.



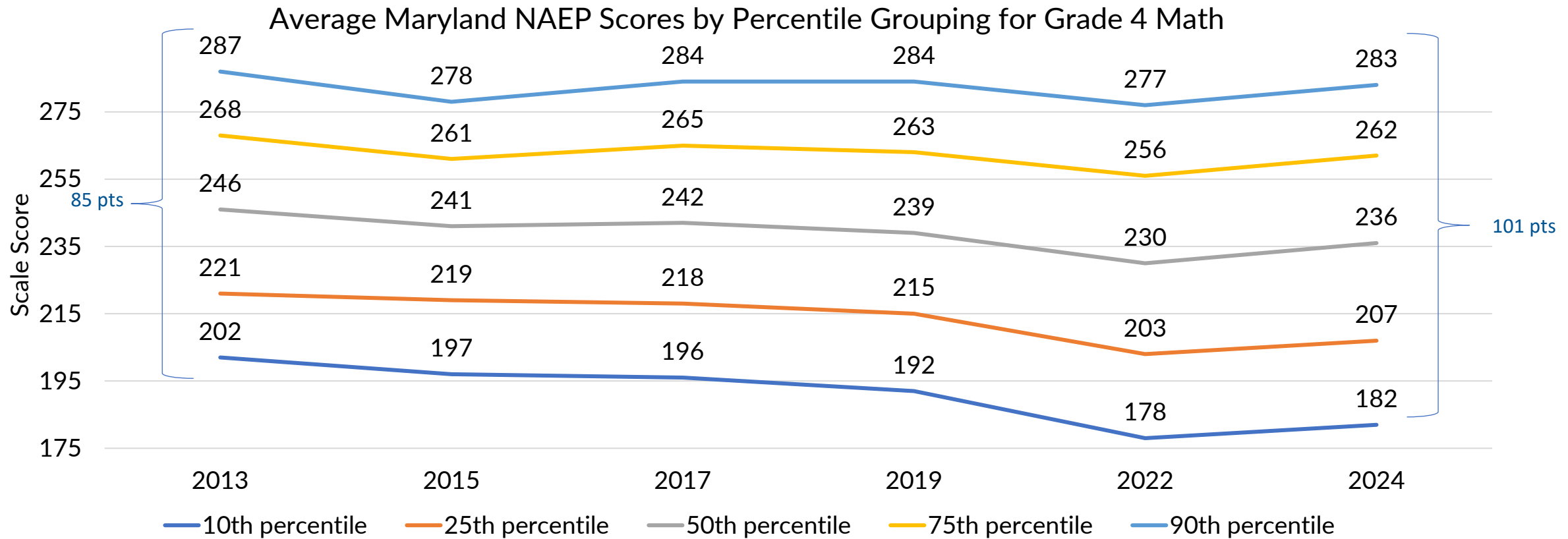
Maryland's Average NAEP Scores - Grade 8 Reading

The gap between higher- and lower-performers has widened in grade 8 reading in Maryland since 2013. Most groupings were largely unchanged since 2022.



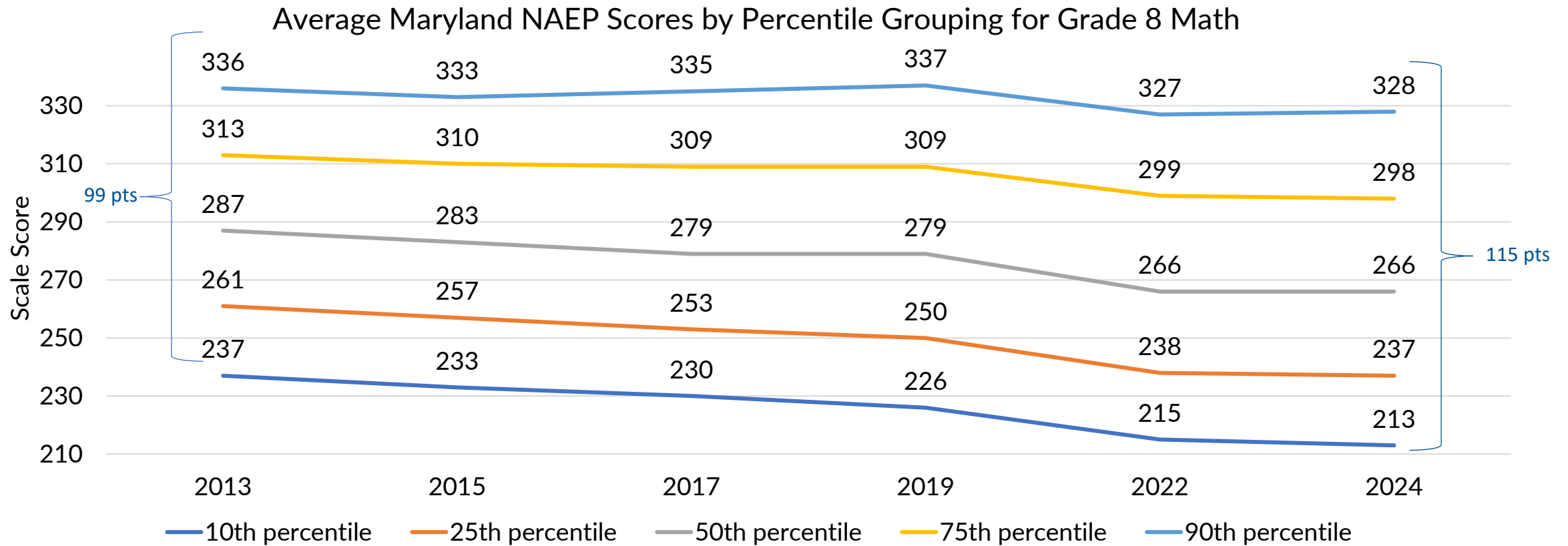
Maryland's Average NAEP Scores - Grade 4 Math

The gap between higher- and lower-performers has widened in grade 4 math since 2013. All groupings saw an increase in scores from 2022.



Maryland's Average NAEP Scores – Grade 8 Math

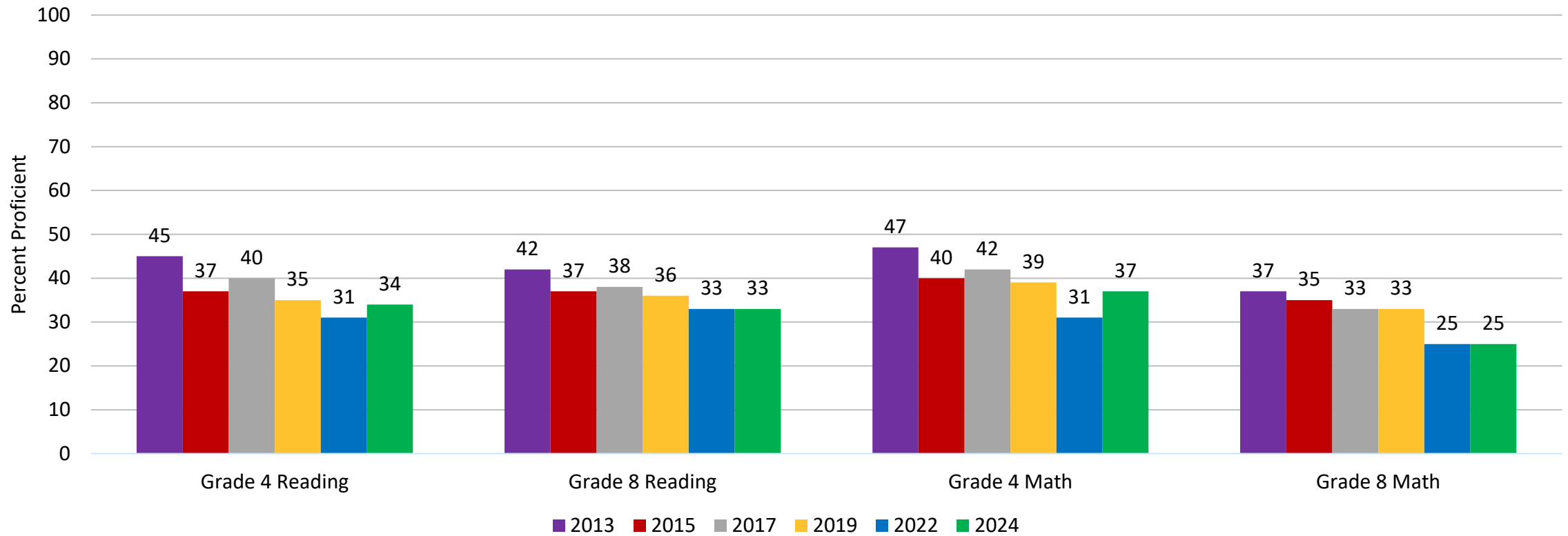
The gap between higher- and lower-performers has widened in grade 8 math since 2013. There were minimal changes in scores from 2022.



Maryland's NAEP Proficiency Rates

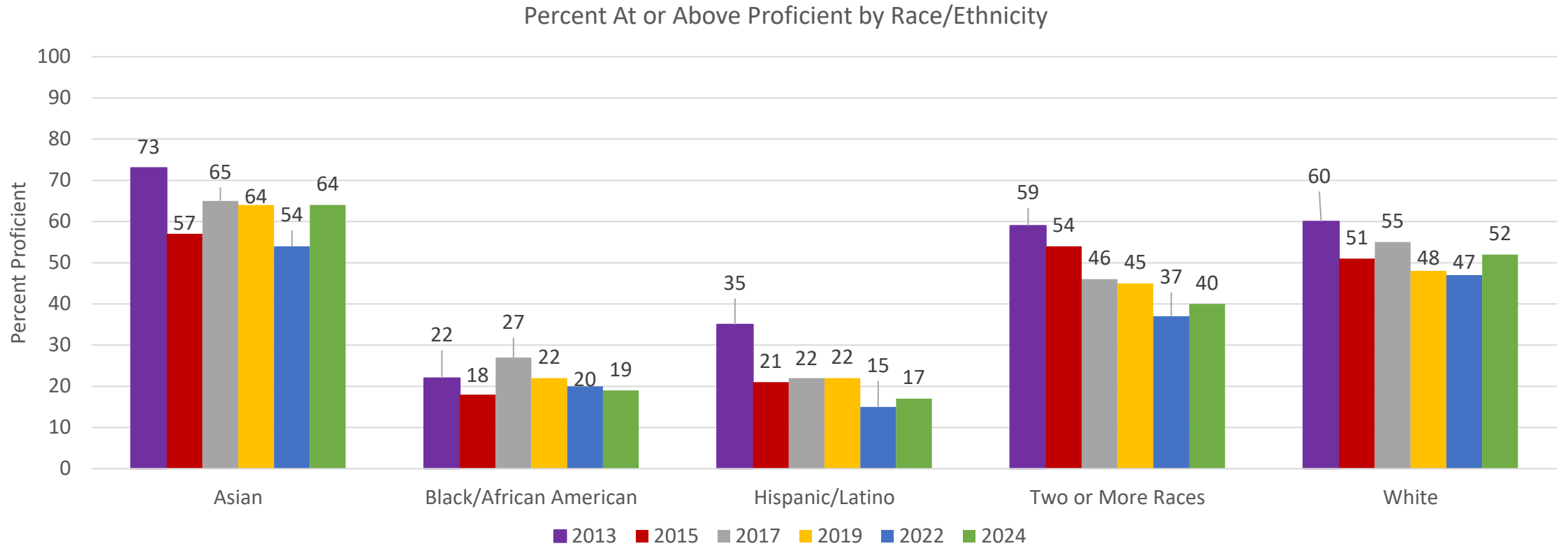
Proficiency has declined in all grades/subjects from 2013 to 2022 but grade 4 increased in 2024 and grade 8 has leveled off in 2024.

Percent At or Above Proficient, All Students



Maryland's NAEP Grade 4 Reading Proficiency by Race/Ethnicity

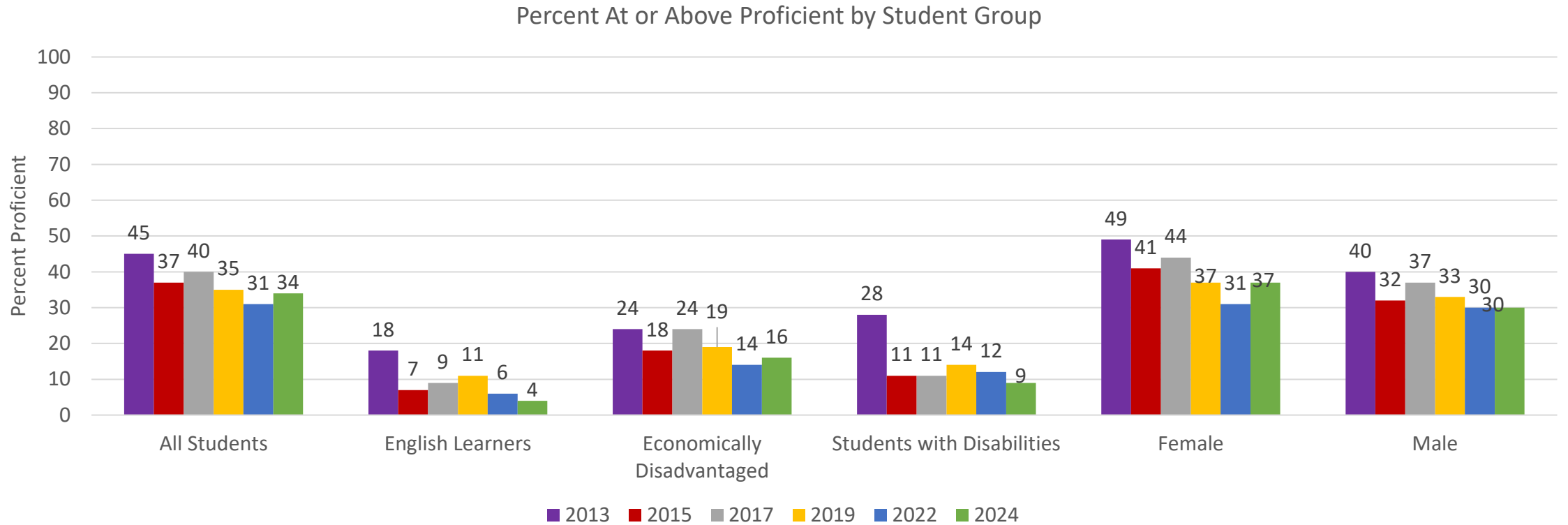
Most race/ethnicity groups' grade 4 reading proficiency has followed a similar trend since 2013.



*American Indian/Alaska Native and Native Hawaiian/Other Pacific Islander student data are not available for all years due to small numbers of test takers.

Maryland's NAEP Grade 4 Reading Proficiency by Student Group

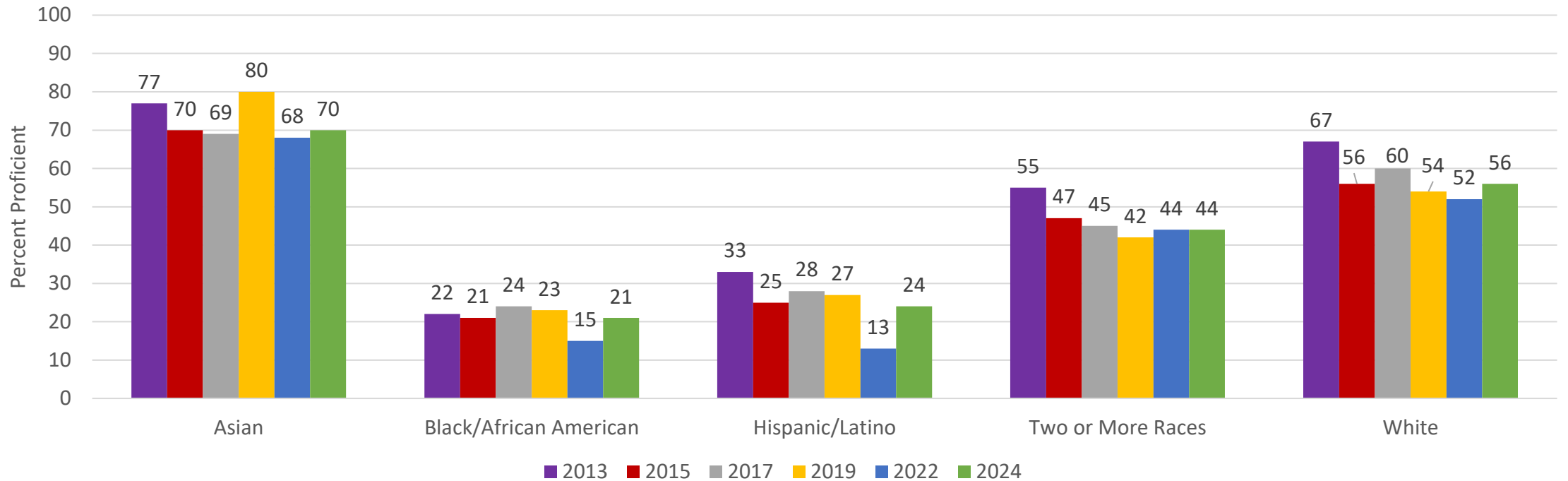
Most groups have seen similar trends in grade 4 reading proficiency since 2013.



Maryland's NAEP Grade 4 Math Proficiency by Race/Ethnicity

Black/African American and Hispanic/Latino students saw large decreases in proficiency in 2022 but improved significantly in 2024.

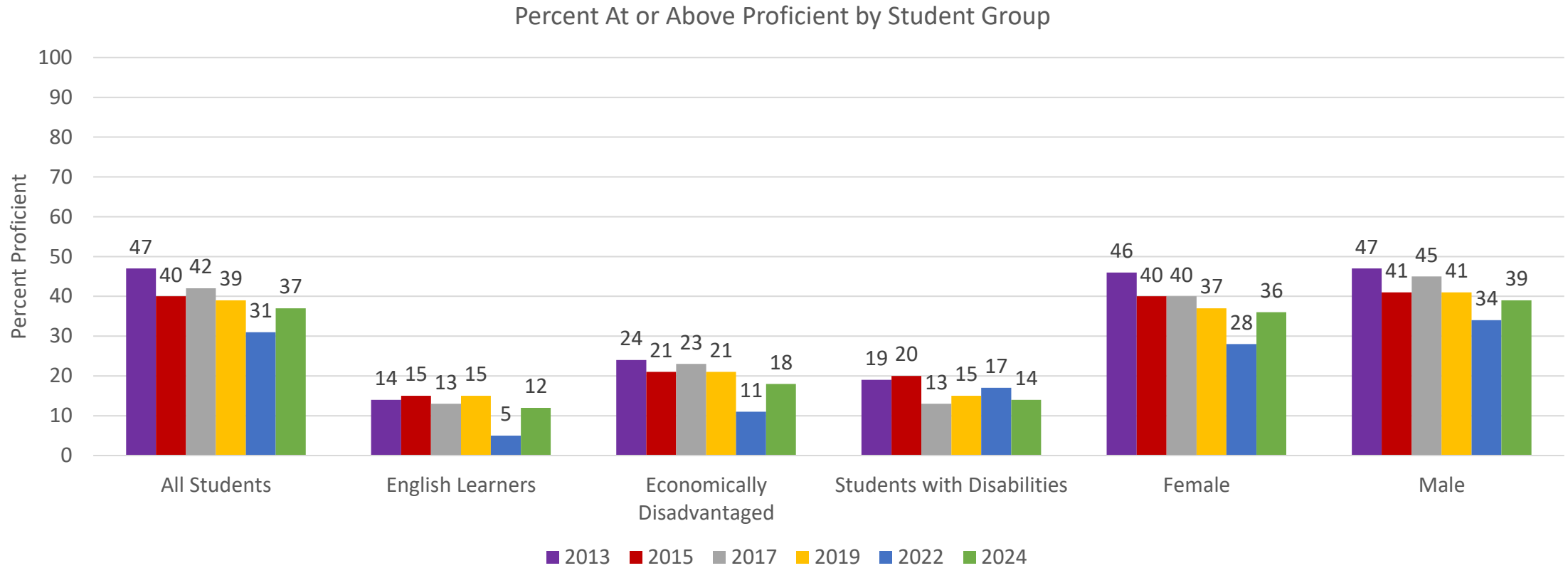
Percent At or Above Proficient by Race/Ethnicity



*American Indian/Alaska Native and Native Hawaiian/Other Pacific Islander student data are suppressed for both 2022 and 2024 due to small numbers of test takers.

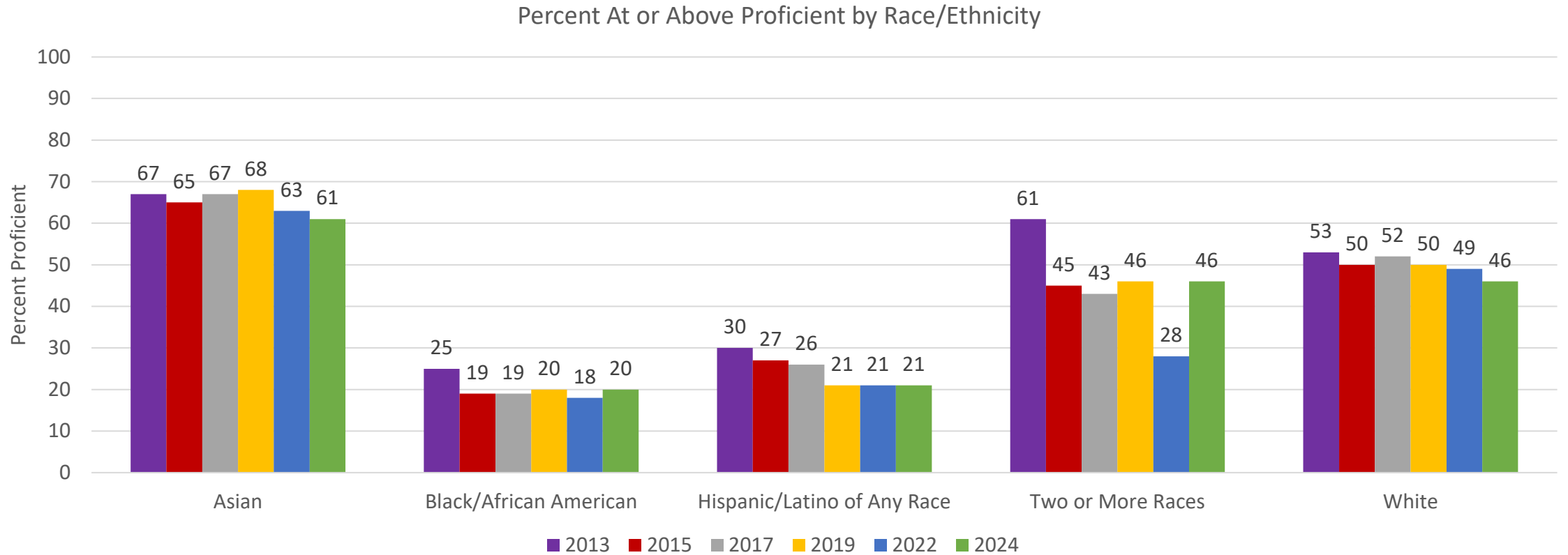
Maryland's NAEP Grade 4 Math Proficiency by Student Group

All student groups have seen decreases in grade 4 math proficiency since 2013.



Maryland's NAEP Grade 8 Reading Proficiency by Race/Ethnicity

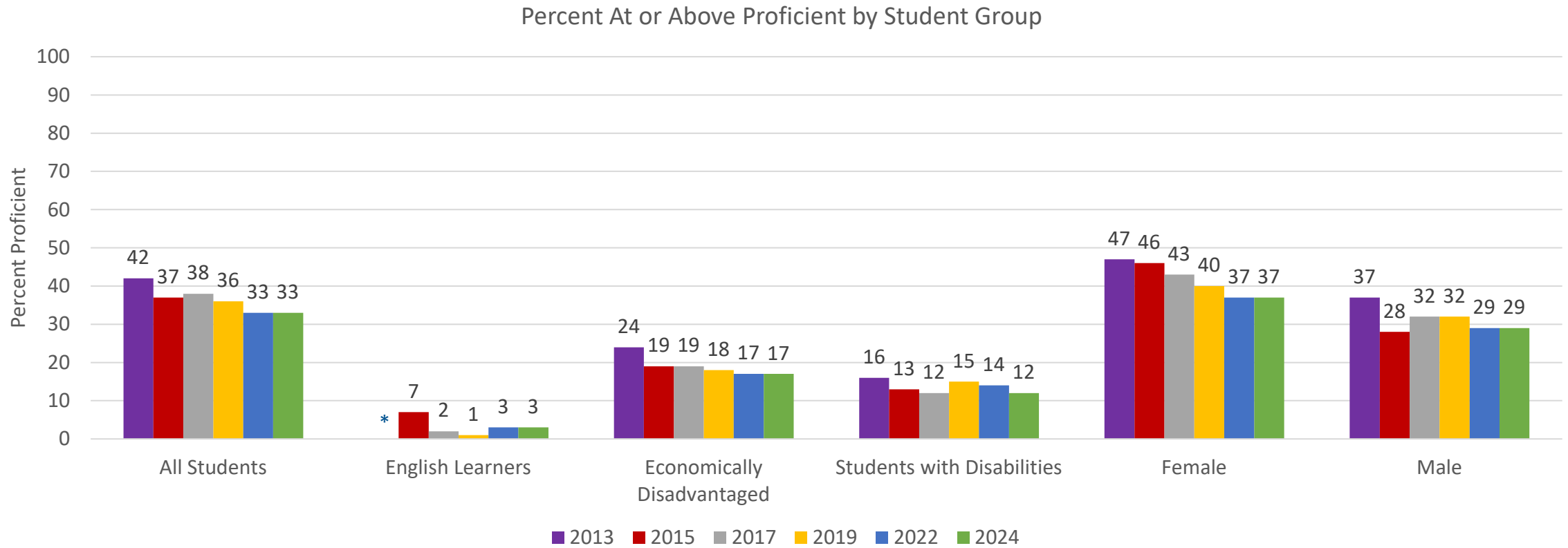
All groups have seen decreases in grade 8 reading proficiency compared to 2013.



*American Indian/Alaska Native and Native Hawaiian/Other Pacific Islander student data are suppressed for all years due to small numbers of test takers.

Maryland's NAEP Grade 8 Reading Proficiency by Student Group

All student groups have seen decreases in NAEP grade 8 reading proficiency compared to 2013.

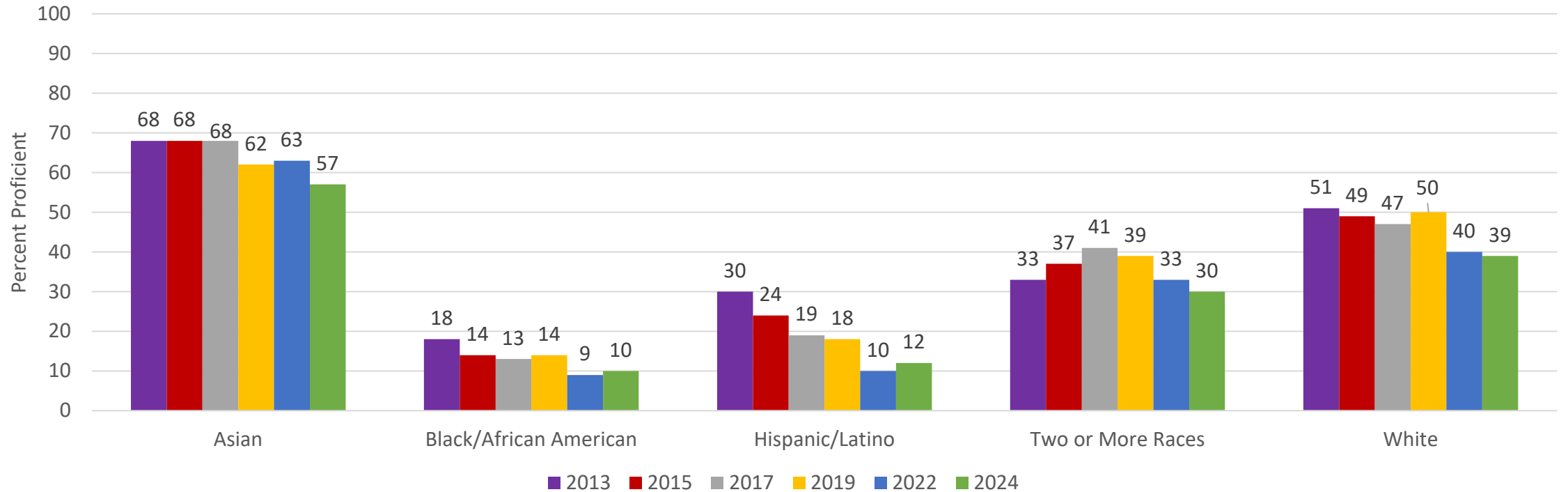


*English Learners' data are suppressed for 2013 due to small numbers of test takers.

Maryland's NAEP Grade 8 Math Proficiency Rates by Race/Ethnicity

All groups have seen decreases in grade 8 math proficiency compared to 2013.

Percent At or Above Proficient by Race/Ethnicity



*American Indian/Alaska Native and Native Hawaiian/Other Pacific Islander student data are suppressed for all years due to small numbers of test takers.

Maryland's NAEP Grade 8 Math Proficiency Rates by Student Group

Most student groups have seen similar trends in NAEP grade 8 math proficiency since 2013.

