



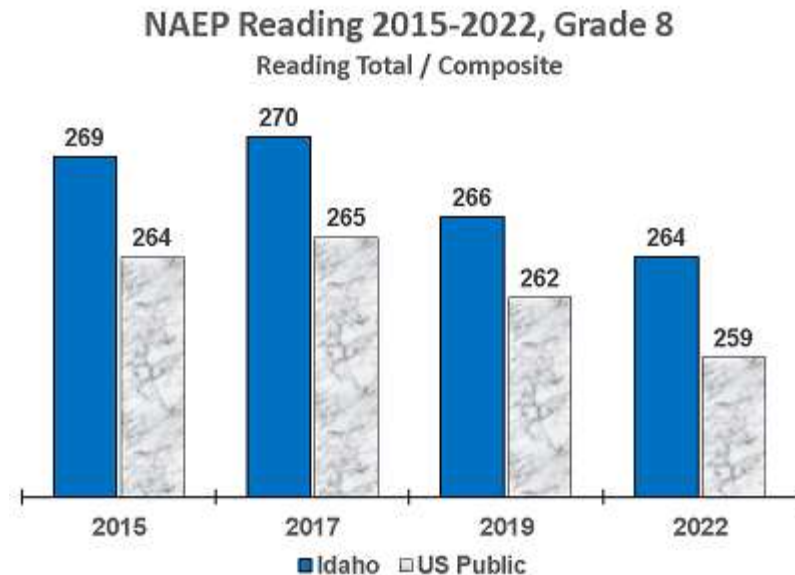
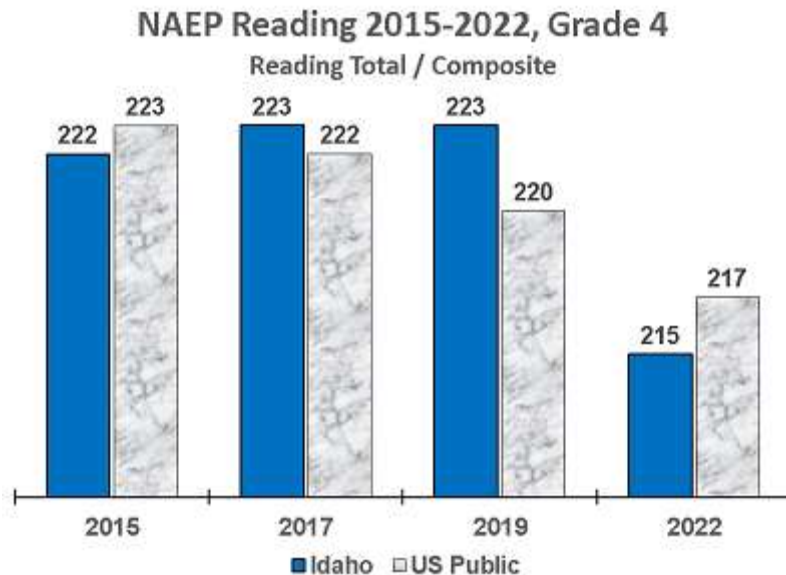
## Impact of Pandemic Mandates on Reading and Mathematics Achievement

A look at the impact on student achievement from the federal, state, and local government mandates for the conduct of public schools in Idaho and across the nation as seen in results from the National Assessment of Educational Progress (NAEP) in reading and mathematics at grades 4 and 8. The pre-pandemic pattern of NAEP achievement is given for 2015, 2017, and 2019. The 2021 testing was postponed until 2022 due to the mandated school closures.

Six reading charts are posted for reading total, reading for literary experience, and reading to gain information. Fourth grade charts are in the left column while eighth grade results are in the right column.

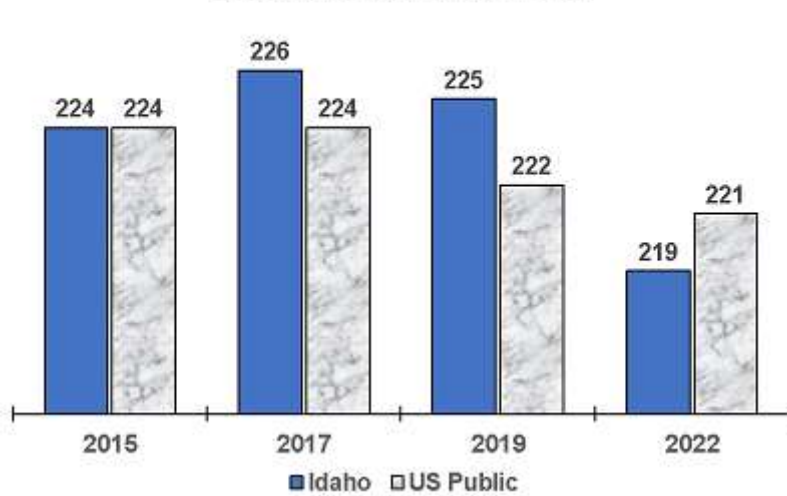
Twelve mathematics charts are posted for mathematics total, algebra, geometry, measurement, data analysis, and number properties. Fourth grade charts are in the left column and eighth grade charts appear to their right.

Narratives are left for the reader to formulate. For example, a possible narrative for Reading Total in Grade 4 would note that Idaho lost 8 points to the Covid pandemic mandates while their peers across the nation lost 3 points. Note: one point might be assigned to rounding error, two points begin to be interesting, while three points or more are interesting.



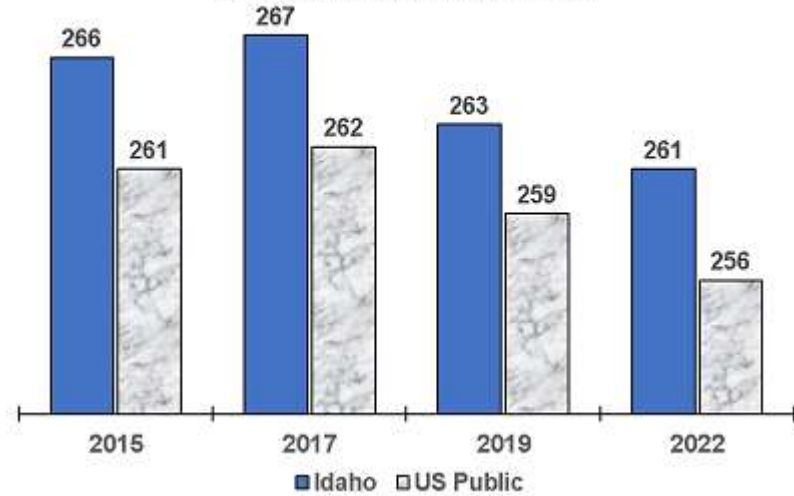
### NAEP Reading 2015-2022, Grade 4

#### Reading for Literary Experience



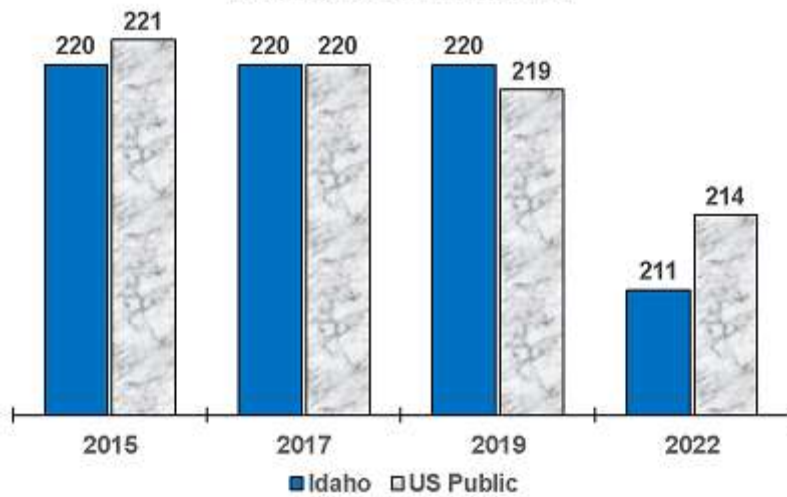
### NAEP Reading 2015-2022, Grade 8

#### Reading for Literary Experience



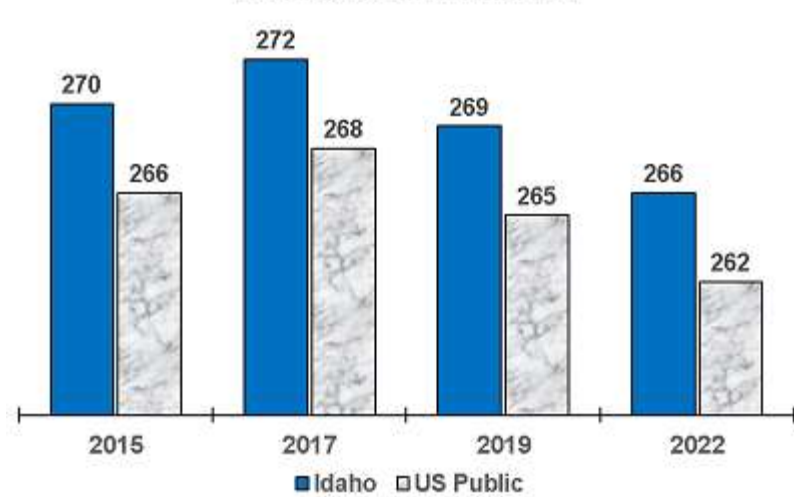
### NAEP Reading 2015-2022, Grade 4

#### Reading to Gain Information

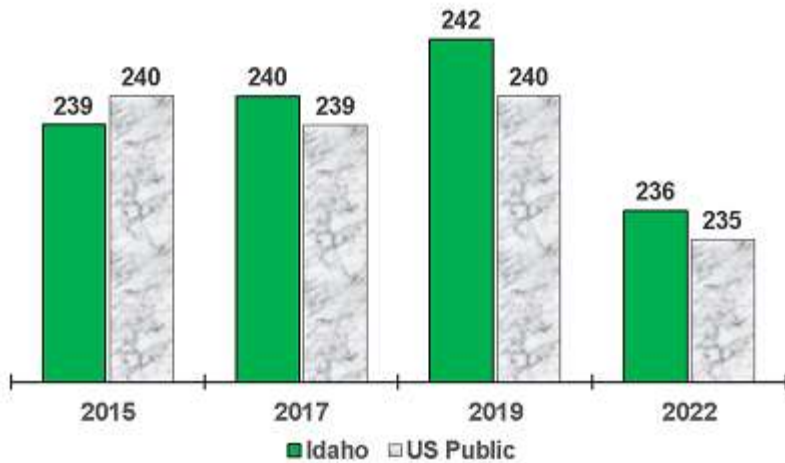


### NAEP Reading 2015-2022, Grade 8

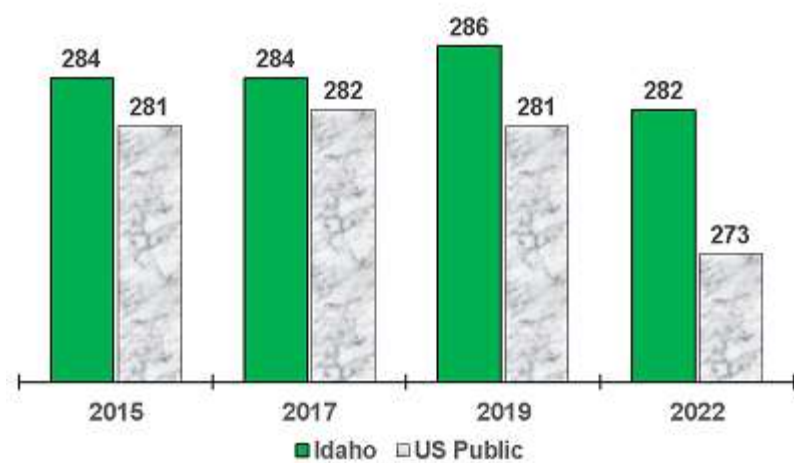
#### Reading to Gain Information



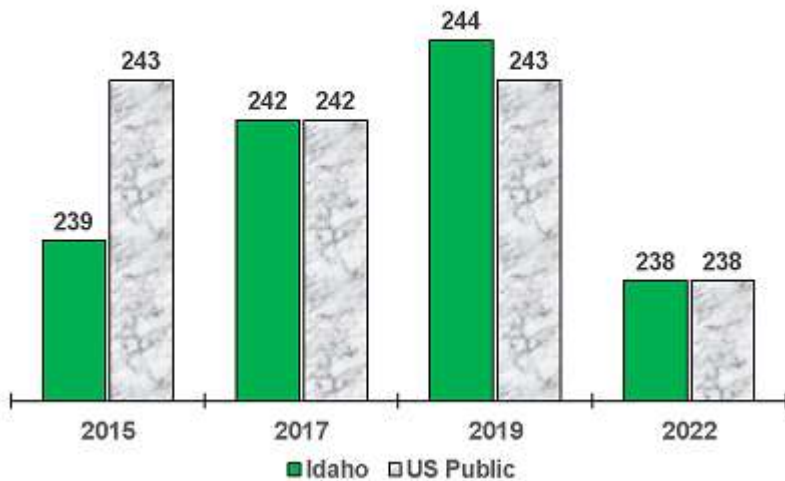
**NAEP Mathematics 2015-2022, Grade 4**  
Mathematics Total / Composite



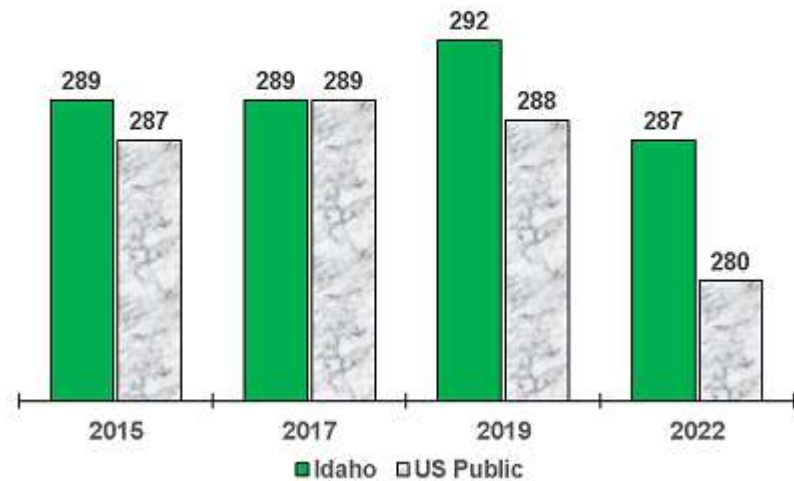
**NAEP Mathematics 2015-2022, Grade 8**  
Mathematics Total / Composite



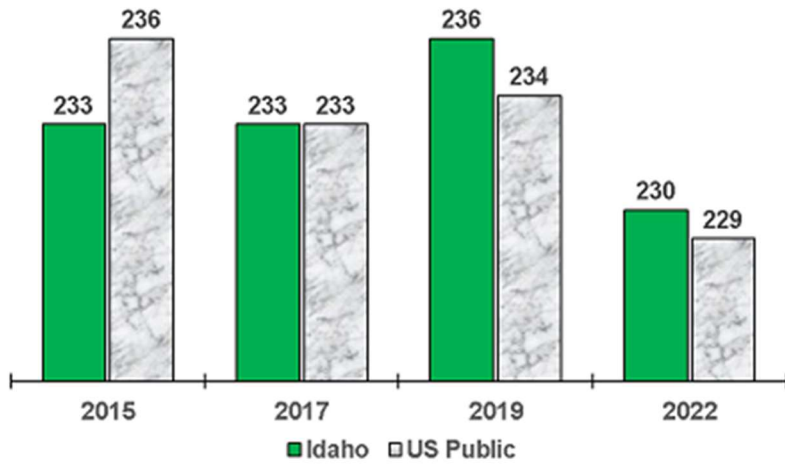
**NAEP Mathematics 2015-2022, Grade 4**  
Algebra



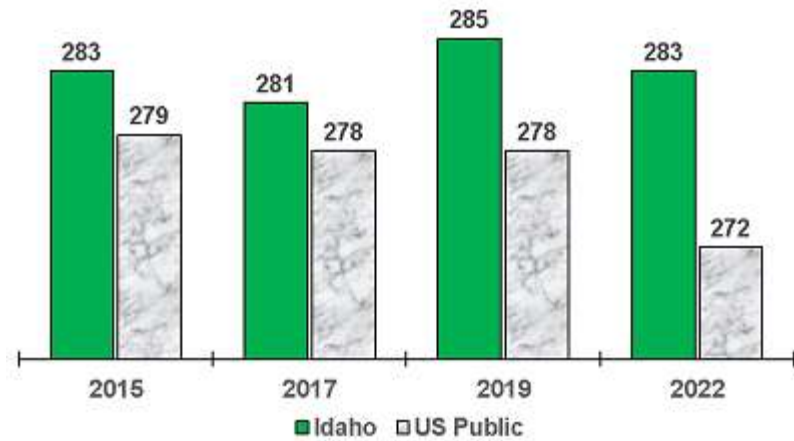
**NAEP Mathematics 2015-2022, Grade 8**  
Algebra



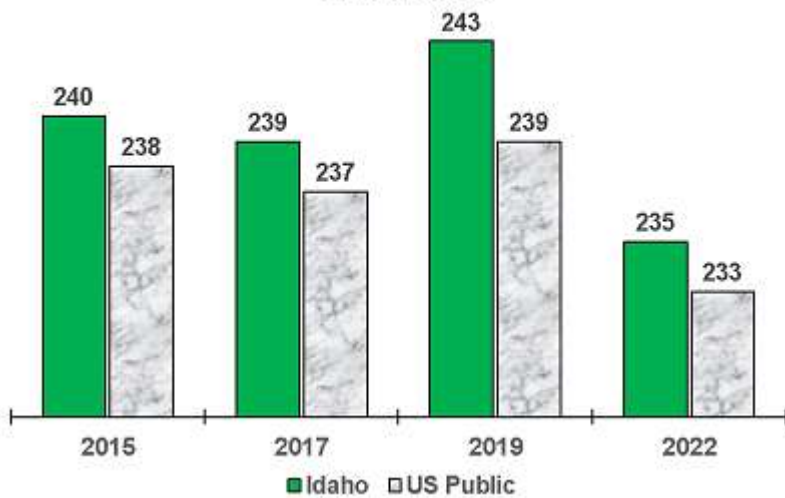
NAEP Mathematics 2015-2022, Grade 4  
Geometry



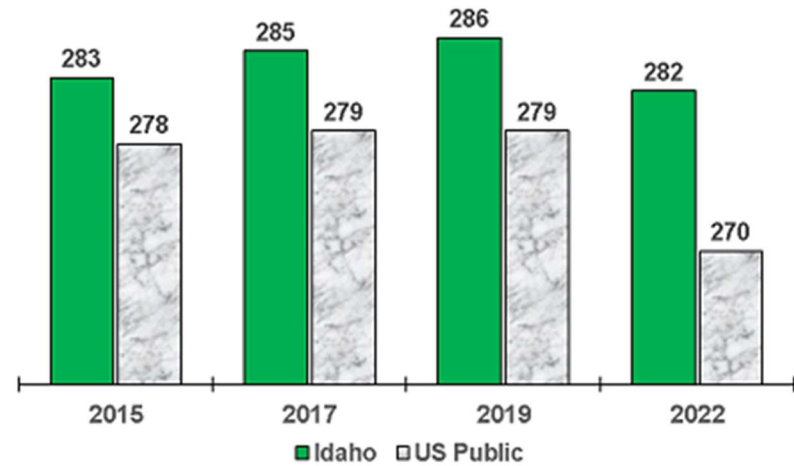
NAEP Mathematics 2015-2022, Grade 8  
Geometry



NAEP Mathematics 2015-2022, Grade 4  
Measurement

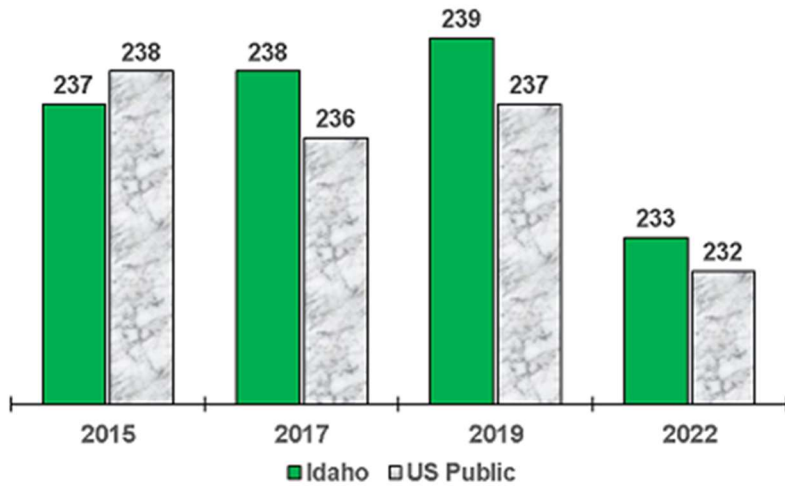


NAEP Mathematics 2015-2022, Grade 8  
Measurement



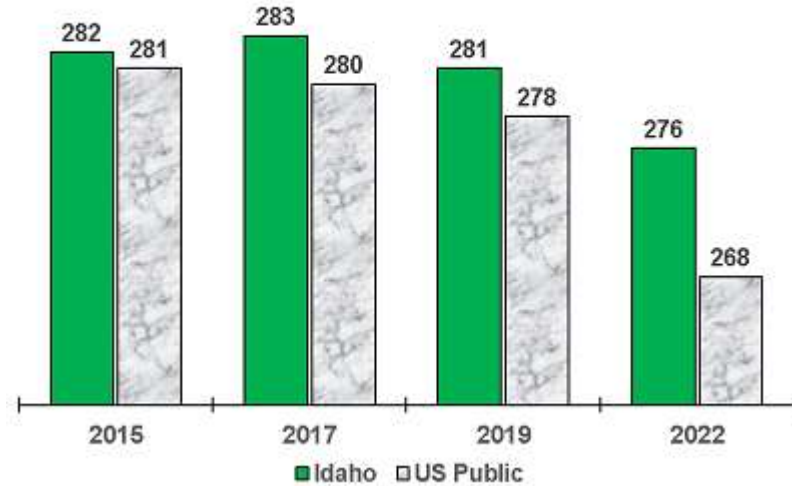
### NAEP Mathematics 2015-2022, Grade 4

Data Analysis, Statistics and Probability



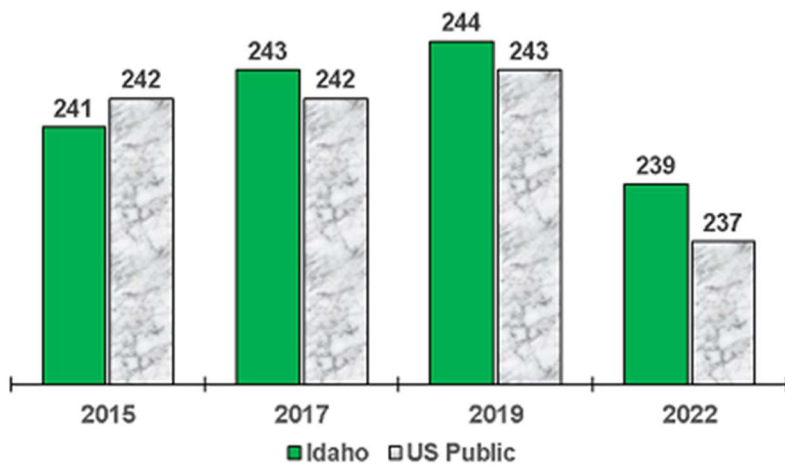
### NAEP Mathematics 2015-2022, Grade 8

Data Analysis, Statistics and Probability



### NAEP Mathematics 2015-2022, Grade 4

Number Properties and Operations



### NAEP Mathematics 2015-2022, Grade 8

Number Properties and Operations

