



Frequently Asked Questions

How many students took the NAEP math assessment?

A nationally representative sample of fourth- and eighth-graders took the NAEP math assessment.

	Math	
	National Public	North Carolina
Grade 4 th	186,500	4,400
Grade 8 th	170,100	4,000

How many students took the NAEP reading assessment?

A nationally representative sample of fourth- and eighth-graders took the NAEP reading assessment.

	Reading	
	National Public	North Carolina
Grade 4 th	190,400	4,500
Grade 8 th	171,800	4,000

What was assessed on the reading assessment?

Students' skills and abilities to:

- Locate and recall
- Integrate and interpret
- Critique and evaluate

What was assessed on the math assessment?

- Number properties and operations
- Measurement
- Geometry
- Data analysis, statistics, probability
- Algebra

How were the scores reported?

The scores are reported as average scores and achievement levels. Student performance is reported as **average scores** on separate 0 to 500 scale in mathematics and reading, and as the percentage of students performing at or above three **achievement levels** (Basic, Proficient, and Advanced).

What was the North Carolina average scale score for reading at grades 4 and 8?

Grade 4: (Average Scale Score 222)

Grade 8: (Average Scale Score 265)

How does North Carolina's average scale score for reading compare to the National Public average scale score?

Grade 4: NC (Average Scale Score 222) = NP (Average Scale Score 221)

Grade 8: NC (Average Scale Score 265) = NP (Average Scale Score 266)

What was the North Carolina average scale score for math at grades 4 & 8?

Grade 4: (Average Scale Score 245)

Grade 8: (Average Scale Score 286)

How does North Carolina's average scale score for math compare to the National Public average scale score?

Grade 4: NC (Average Scale Score 245) > NP (Average Scale Score 241)

Grade 8: NC (Average Scale Score 286) = NP (Average Scale Score 284)

How do North Carolina's results in reading compare to the other participating states?

Grade 4: Lower than those in 14 states/jurisdictions
Higher than those in 18 state/jurisdictions
Not significantly different from those in 19 state/jurisdictions

Grade 8: Lower than those in 23 states/jurisdictions
Higher than those in 9 state/jurisdictions
Not significantly different from those in 19 state/jurisdictions

How do North Carolina's results in math compare to the other participating states?

Grade 4: Lower than those in 5 states/jurisdictions
Higher than those in 26 state/jurisdictions
Not significantly different from those in 20 state/jurisdictions

Grade 8: Lower than those in 15 states/jurisdictions
Higher than those in 21 state/jurisdictions
Not significantly different from those in 15 state/jurisdictions

What percentage of North Carolina students is proficient in math in grades 4 and 8 on NAEP?

Grade 4: 45%

Grade 8: 36%

What percentage of North Carolina students is proficient in reading in grades 4 and 8 on NAEP?

Grade 4: 35%

Grade 8: 33%