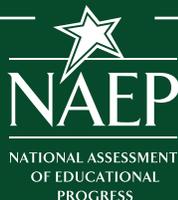


Measure Up

NAEP NEWS FOR THE SCHOOL COMMUNITY



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WINTER 2016



WHAT'S HAPPENING IN THE WORLD OF NAEP?

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NAEP 2015 MATHEMATICS AND READING RESULTS: AN OVERVIEW

Results from the 2015 NAEP mathematics and reading assessments are now available. Learn about state and district findings and how to explore the results online at the Nation's Report Card interactive web site for NAEP 2015 Mathematics and Reading, http://www.nationsreportcard.gov/reading_math_2015/.

The results from the 2015 mathematics and reading assessments are based on representative samples of approximately 279,000 fourth-graders and 273,000 eighth-graders. Results are reported for public and private school students in the nation, and for public school students in all 50 states, the District of Columbia, and Department of Defense schools. In addition, results are available for 21 participating urban districts.

NATIONAL RESULTS

In 2015, grade 4 mathematics scores increased in 3 jurisdictions (District of Columbia, Mississippi, and the Department of Defense schools); decreased in 16 jurisdictions; and did not significantly change for the majority of jurisdictions in comparison to 2013. There were no states/jurisdictions with significant score gains in eighth-grade mathematics.

At grade 4, reading scores increased in 13 jurisdictions (Alaska, District of Columbia, Kentucky, Louisiana, Mississippi, Nebraska, North Carolina, Oklahoma, Rhode Island, South Carolina, Utah, Vermont, and Wyoming); decreased in 1 state; and did not significantly change for the majority of jurisdictions in comparison to 2013. There were no states/jurisdictions with significant score gains in eighth-grade reading.



For more information about NAEP, visit:
<http://nces.ed.gov/nationsreportcard>

Find us on:



STATE ACHIEVEMENT LEVELS

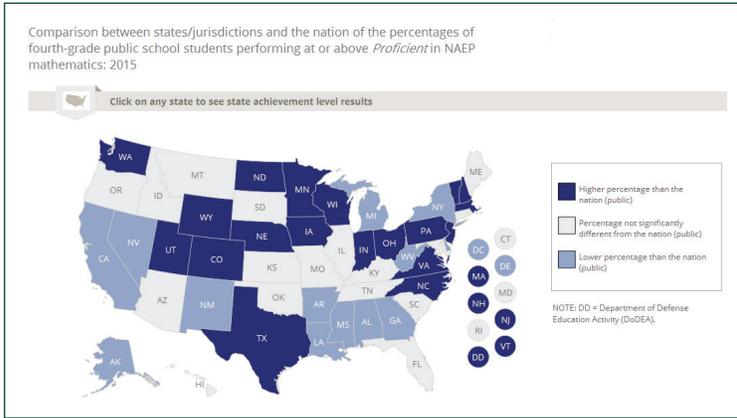
Students performing at or above the *Proficient* level on NAEP assessments demonstrate solid academic performance and competency over challenging subject matter. See how

percentages of fourth- and eighth-grade students, performing at or above the *Proficient* level in each state/jurisdiction, compare to the nation by clicking on the jurisdiction maps below.

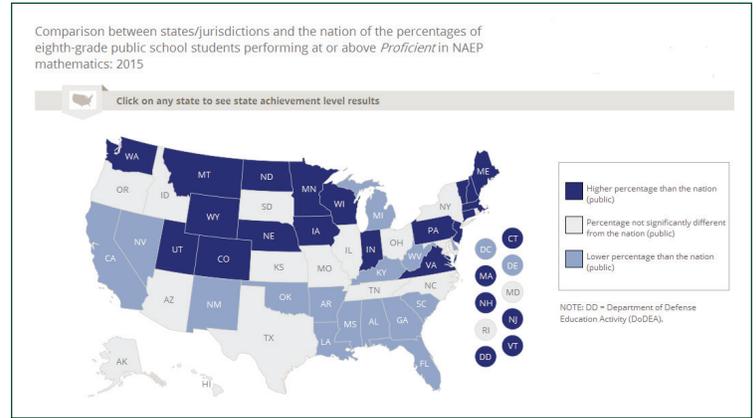
MATHEMATICS

In 2015, the percentages of **fourth-grade** public school students performing at or above the *Proficient* level in mathematics ranged from 26 percent to 54 percent across states/jurisdictions. The percentage of **fourth-grade** public school students performing at or above *Proficient* was 39 percent nationally.

The percentages of **eighth-grade** public school students performing at or above the *Proficient* level in mathematics ranged from 17 percent to 51 percent across states/jurisdictions. The percentage of **eighth-grade** public school students performing at or above *Proficient* was 32 percent nationally.



SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.

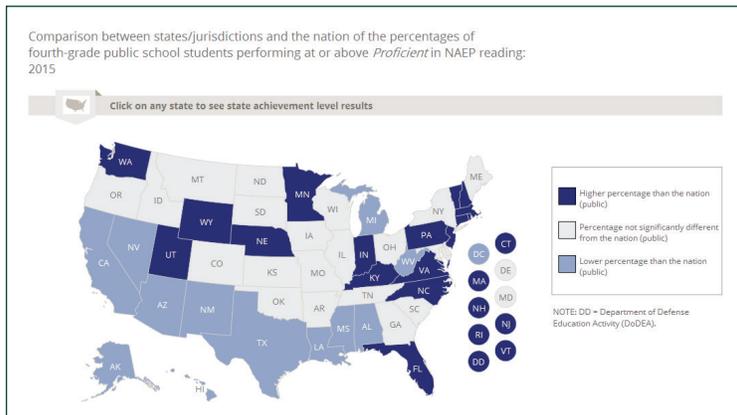


SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.

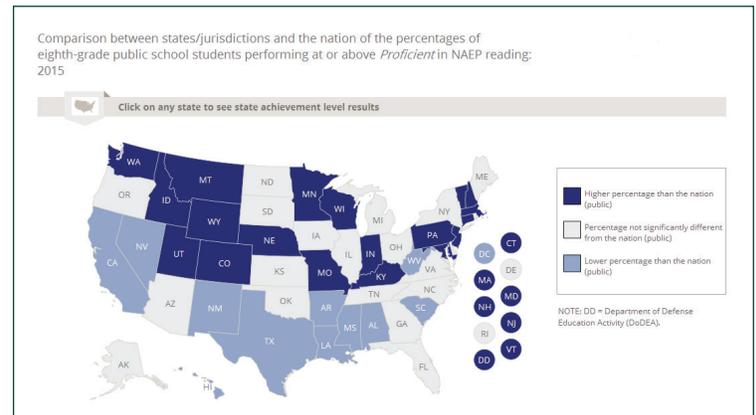
READING

The percentages of **fourth-grade** public school students performing at or above the *Proficient* level in reading ranged from 23 percent to 50 percent across states/jurisdictions. The percentage of **fourth-grade** public school students performing at or above *Proficient* was 35 percent nationally.

The percentages of **eighth-grade** public school students performing at or above the *Proficient* level in reading ranged from 19 percent to 47 percent across states/jurisdictions. The percentage of **eighth-grade** public school students performing at or above *Proficient* was 33 percent nationally.



SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading Assessment.



SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Reading Assessment.

DISTRICT RESULTS

Twenty-one districts participated in the 2015 mathematics and reading assessments. The participating districts are: Albuquerque, Atlanta, Austin, Baltimore City, Boston, Charlotte, Chicago, Cleveland, Dallas, Detroit, District of

Columbia (DCPS), Duval County (FL), Fresno, Hillsborough County (FL), Houston, Jefferson County (KY), Los Angeles, Miami-Dade, New York City, Philadelphia, and San Diego.

MATHEMATICS

Average mathematics scores in 7 of 20 districts that participated in both the 2013 and 2015 assessments did not change significantly at either grade 4 or grade 8. In grade 4 mathematics, 3 districts had score gains (Dallas, District of Columbia (DCPS), and Miami-Dade) and 7 districts had score declines (Albuquerque, Atlanta, Baltimore City, Los Angeles, New York City, Philadelphia and San Diego) in comparison to 2013. The table below shows the score changes in mathematics by participating districts for fourth- and eighth-grade students.

Change in average NAEP mathematics scores between 2013 and 2015 for public school students, by participating district

	GRADE 4 ↑ Score increase	GRADE 4 ◇ No change in scores	GRADE 4 ↓ Score decrease
GRADE 8 ↑ Score increase		Chicago	
GRADE 8 ◇ No change in scores	District of Columbia (DCPS) Miami-Dade	Large City Austin Boston Charlotte Cleveland Detroit Fresno Jefferson County (KY)	Albuquerque Atlanta Baltimore City Los Angeles New York City Philadelphia San Diego
GRADE 8 ↓ Score decrease	Dallas	Hillsborough County (FL) Houston	Nation (public)

NOTE: A blank cell indicates that no district fell within that category.

NOTE: Large city includes public students from all cities in the nation with populations of 250,000 or more including the participating districts.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2013 and 2015 Mathematics Assessments.

READING

Average reading scores in 12 of 20 districts that participated in both the 2013 and 2015 assessments did not change significantly at either grade 4 or grade 8. Scores increased in 4 districts (Boston, Chicago, Cleveland and District of Columbia (DCPS)) in grade 4 reading and 1 district (Miami-Dade) in grade 8 reading. There were no participating districts with score gains at both grades. The table below shows the score changes in reading by participating districts for fourth- and eighth-grade students.

Change in average NAEP reading scores between 2013 and 2015 for public school students, by participating district

	GRADE 4 ↑ Score increase	GRADE 4 ◇ No change in scores	GRADE 4 ↓ Score decrease
GRADE 8 ↑ Score increase		Miami-Dade	
GRADE 8 ◇ No change in scores	Boston Chicago Cleveland District of Columbia (DCPS)	Large City Atlanta Austin Charlotte Dallas Detroit Fresno Houston Jefferson County (KY) Los Angeles New York City Philadelphia San Diego	
GRADE 8 ↓ Score decrease		Nation (public) Albuquerque Hillsborough County (FL)	Baltimore City

NOTE: A blank cell indicates that no district fell within that category.

NOTE: Large city includes public students from all cities in the nation with populations of 250,000 or more including the participating districts.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 2013 and 2015 Reading Assessments.

PERCENTAGES OF STUDENTS PERFORMING AT OR ABOVE PROFICIENT

In 2015, the percentages of fourth-grade students performing at or above *Proficient* in the following districts were higher than in large cities nationally: Austin, Charlotte, Duval County (FL), Hillsborough County (FL), and Miami-Dade. In 2015, the percentages of eighth-grade students performing at or above

Proficient in the following districts were higher than in large cities nationally: Austin, Boston, Charlotte, and San Diego.

More detailed results for participating districts will be released in winter 2016.

ONLINE RESOURCES

WHAT'S HAPPENING IN THE WORLD OF NAEP

Arts	http://nces.ed.gov/nationsreportcard/arts/
Mathematics assessment	http://nces.ed.gov/nationsreportcard/mathematics/
Reading assessment	http://nces.ed.gov/nationsreportcard/reading
Writing assessment	http://nces.ed.gov/nationsreportcard/writing/

NAEP 2015 MATHEMATICS AND READING RESULTS: AN OVERVIEW

NAEP 2015 Mathematics and Reading Results	http://www.nationsreportcard.gov/reading_math_2015/
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NATIONAL RESULTS

National Results: Mathematics	http://www.nationsreportcard.gov/reading_math_2015/#mathematics?grade=4
National Results: Reading	http://www.nationsreportcard.gov/reading_math_2015/#reading?grade=4

STATE ACHIEVEMENT LEVELS

State Achievement Level Results: Grade 4 Mathematics	http://www.nationsreportcard.gov/reading_math_2015/#mathematics/state/acl?grade=4
State Achievement Level Results: Grade 8 Mathematics	http://www.nationsreportcard.gov/reading_math_2015/#mathematics/state/acl?grade=8
State Achievement Level Results: Grade 4 Reading	http://www.nationsreportcard.gov/reading_math_2015/#reading/state/acl?grade=4
State Achievement Level Results: Grade 8 Reading	http://www.nationsreportcard.gov/reading_math_2015/#reading/state/acl?grade=8

DISTRICT RESULTS

District Results Overview: Mathematics	http://www.nationsreportcard.gov/reading_math_2015/#mathematics/district?grade=4
District Results Overview: Reading	http://www.nationsreportcard.gov/reading_math_2015/#reading/district?grade=4

