

MATHEMATICS AND READING



The National Assessment of Educational Progress (NAEP) measures the progress of our nation's 4th- and 8th-graders in mathematics and reading every two years.

Are students making progress?

Yes. Overall, students have made gains since the 1990s.

SINCE 2011



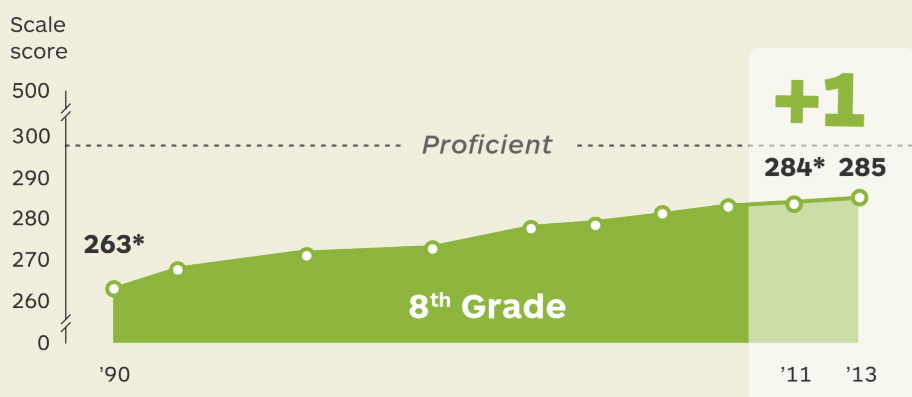
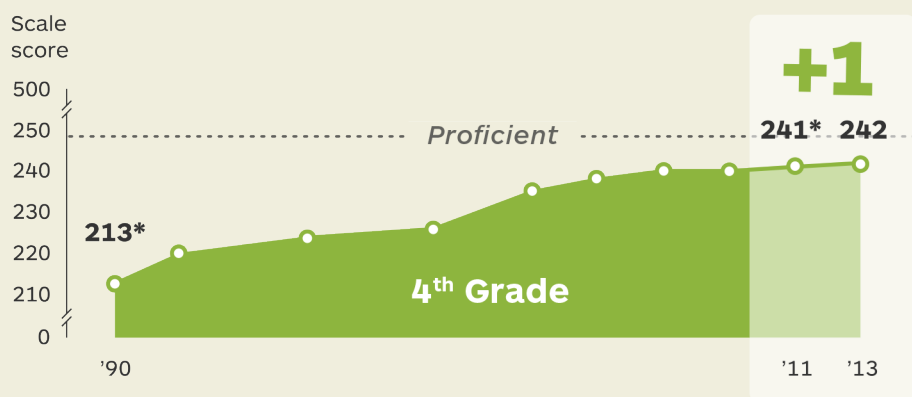
4th- and 8th-graders made gains in mathematics

SINCE 2011



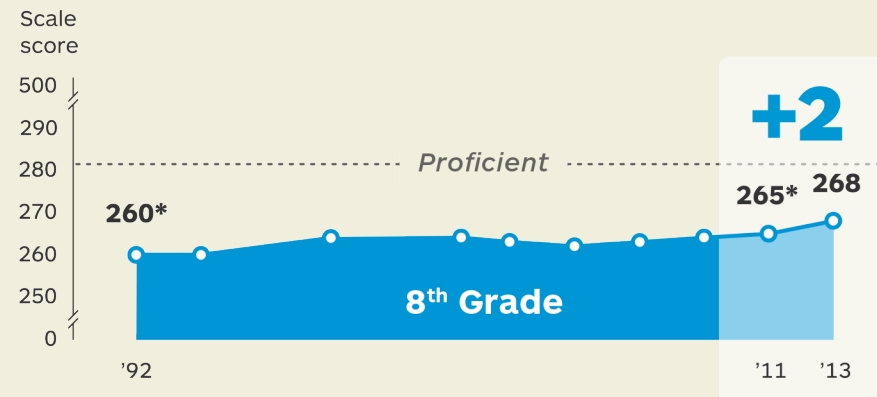
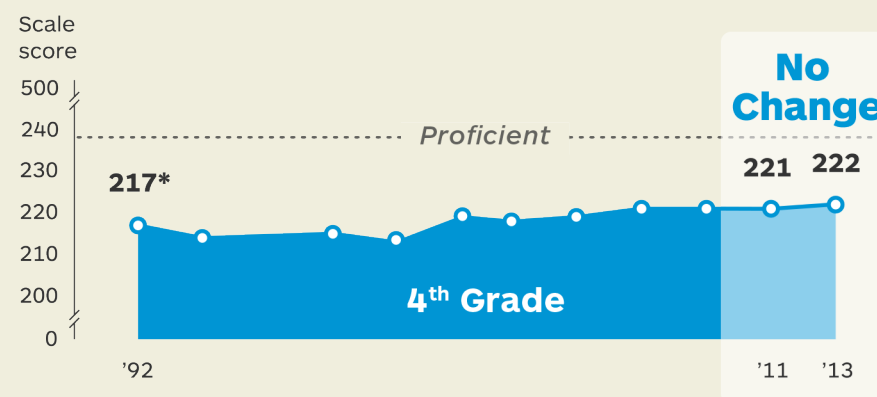
8th-graders made gains in reading, while 4th-grade scores remained flat

MATHEMATICS TREND LINES



* Significantly different ($p < .05$) from 2013.

READING TREND LINES



* Significantly different ($p < .05$) from 2013.

PERCENTAGE OF STUDENTS AT OR ABOVE THE PROFICIENT LEVEL

MATHEMATICS

4th Grade **42%**

8th Grade **35%**

READING

4th Grade **35%**

8th Grade **36%**

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

Which racial/ethnic groups are making gains? Most have made gains.

SINCE 2011



Hispanic

4th- and 8th-graders made gains in mathematics

SINCE 2011



American Indian/ Alaska Native

8th-graders made gains in mathematics

SINCE 2011



White

4th- and 8th-graders made gains in reading

MATHEMATICS SCORE CHANGES SINCE 2011

	All students	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native
4 th Grade	↑ 1	↑ 1	◆	↑ 2	◆	◆
8 th Grade	↑ 1	◆	◆	↑ 2	↑ 4	↑ 4

↑ Higher in 2013 ◆ No significant change in 2013

READING SCORE CHANGES SINCE 2011

	All students	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native
4 th Grade	◆	↑ 1	◆	◆	◆	◆
8 th Grade	↑ 2	↑ 2	↑ 2	↑ 3	↑ 5	◆

↑ Higher in 2013 ◆ No significant change in 2013

SINCE 1990



Black

4th-graders made larger gains in mathematics than the overall 4th-grade gain

SINCE 1992



Asian/Pacific Islander

4th-graders made larger gains in reading than the overall 4th-grade gain

MATHEMATICS SCORE CHANGES SINCE 1990

	All students	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native
4 th Grade	↑ 28	↑ 30	↑ 37	↑ 30	↑ 33	—
8 th Grade	↑ 22	↑ 24	↑ 26	↑ 26	↑ 31	—

↑ Higher in 2013 — Not available

READING SCORE CHANGES SINCE 1992

	All students	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native
4 th Grade	↑ 5	↑ 8	↑ 14	↑ 10	↑ 19	—
8 th Grade	↑ 8	↑ 9	↑ 13	↑ 15	↑ 12	—

↑ Higher in 2013 — Not available

EXPLORE FURTHER

Are other student groups making progress? How are states performing?

For answers, visit [The Nation's Report Card](#).

