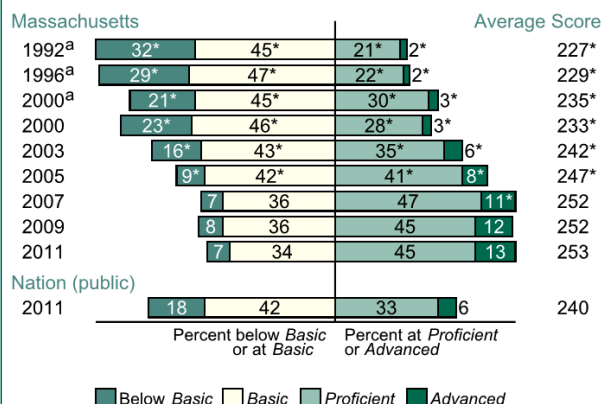


Overall Results

- In 2011, the average score of fourth-grade students in Massachusetts was 253. This was higher than the average score of 240 for public school students in the nation.
- The average score for students in Massachusetts in 2011 (253) was not significantly different from their average score in 2009 (252) and was higher than their average score in 1992 (227).
- In 2011, the score gap between students in Massachusetts at the 75th percentile and students at the 25th percentile was 35 points. This performance gap was not significantly different from that of 1992 (40 points).
- The percentage of students in Massachusetts who performed at or above the NAEP *Proficient* level was 58 percent in 2011. This percentage was not significantly different from that in 2009 (57 percent) and was greater than that in 1992 (23 percent).
- The percentage of students in Massachusetts who performed at or above the NAEP *Basic* level was 93 percent in 2011. This percentage was not significantly different from that in 2009 (92 percent) and was greater than that in 1992 (68 percent).

Achievement-Level Percentages and Average Score Results



* Significantly different ($p < .05$) from state's results in 2011. Significance tests were performed using unrounded numbers.

^a Accommodations not permitted. For information about NAEP accommodations, see <http://nces.ed.gov/nationsreportcard/about/inclusion.asp>.

NOTE: Detail may not sum to totals because of rounding.

Compare the Average Score in 2011 to Other States/Jurisdictions

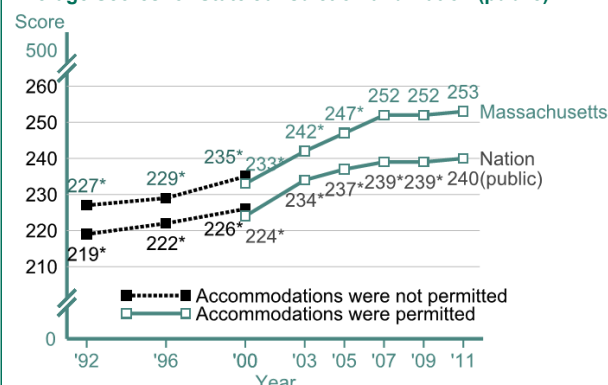


¹ Department of Defense Education Activity (overseas and domestic schools).

In 2011, the average score in **Massachusetts** (253) was

- lower than that in 0 states/jurisdictions
- higher than those in 50 states/jurisdictions
- not significantly different from that in 1 state/jurisdiction

Average Scores for State/Jurisdiction and Nation (public)



* Significantly different ($p < .05$) from 2011. Significance tests were performed using unrounded numbers.

NOTE: For information about NAEP accommodations, see <http://nces.ed.gov/nationsreportcard/about/inclusion.asp>.

Results for Student Groups in 2011

Reporting groups	Percent of students	Avg. score	Percentages at or above		Percent at
			Basic	Proficient	Advanced
Race/Ethnicity					
White	68	258	96	67	15
Black	9	235	81	27	3
Hispanic	15	236	80	32	4
Asian	6	267	98	76	29
American Indian/Alaska Native	#	‡	‡	‡	‡
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	2	257	92	60	22
Gender					
Male	50	255	92	60	16
Female	50	252	93	57	11
National School Lunch Program					
Eligible	34	239	83	36	4
Not eligible	66	261	97	70	19

Rounds to zero.

‡ Reporting standards not met.

NOTE: Detail may not sum to totals because of rounding, and because the "Information not available" category for the National School Lunch Program, which provides free/reduced-price lunches, is not displayed. Black includes African American and Hispanic includes Latino. Race categories exclude Hispanic origin.

Score Gaps for Student Groups

- In 2011, Black students had an average score that was 24 points lower than White students. This performance gap was narrower than that in 1992 (36 points).
- In 2011, Hispanic students had an average score that was 22 points lower than White students. This performance gap was narrower than that in 1992 (34 points).
- In 2011, male students in Massachusetts had an average score that was not significantly different from female students.
- In 2011, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 22 points lower than students who were not eligible for free/reduced-price school lunch. This performance gap was not significantly different from that in 1996 (21 points).

NOTE: Statistical comparisons are calculated on the basis of unrounded scale scores or percentages.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), various years, 1992–2011 Mathematics Assessments.