

Overall Results

- In 2011, the average score of fourth-grade students in Massachusetts was 237. This was higher than the average score of 220 for public school students in the nation.
- The average score for students in Massachusetts in 2011 (237) was higher than their average score in 2009 (234) and was higher than their average score in 1992 (226).
- In 2011, the score gap between students in Massachusetts at the 75th percentile and students at the 25th percentile was 41 points. This performance gap was not significantly different from that of 1992 (39 points).
- The percentage of students in Massachusetts who performed at or above the NAEP *Proficient* level was 50 percent in 2011. This percentage was not significantly different from that in 2009 (47 percent) and was greater than that in 1992 (36 percent).
- The percentage of students in Massachusetts who performed at or above the NAEP *Basic* level was 83 percent in 2011. This percentage was not significantly different from that in 2009 (80 percent) and was greater than that in 1992 (74 percent).

Achievement-Level Percentages and Average Score Results

Year	Below Basic	Basic	Proficient	Advanced	Average Score
1992 ^a	26*	38*	29*	7*	226*
1994 ^a	31*	34	28*	8*	223*
1998 ^a	27*	36	29*	8*	225*
1998	30*	35	28*	8*	223*
2002	20	33	34	13	234*
2003	27*	33	30*	10*	228*
2005	22*	34	32	12*	231*
2007	19	32	33	16	236
2009	20	33	34	13	234*
2011	17	32	35	16	237

Nation (public)	Below Basic	Basic	Proficient	Advanced	Average Score
2011	34	34	25	7	220

Legend: Below Basic (dark blue), Basic (light blue), Proficient (medium blue), Advanced (dark blue)

* 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

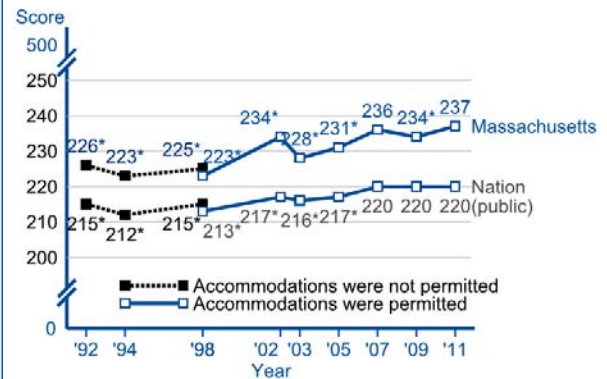


* Department of Defense Education Activity (overseas and domestic schools).

In 2011, the average score in **Massachusetts** (237) was

- lower than that in 0 states/jurisdictions
- higher than those in 51 states/jurisdictions
- not significantly different from those in 0 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 Advanced
			Basic	Proficient	
Race/Ethnicity					
White	68	243	89	59	18
Black	9	216	61	24	3
Hispanic	14	216	62	23	4
Asian	6	243	85	56	25
American Indian/Alaska Native	#	‡	‡	‡	‡
Native Hawaiian/Pacific Islander	#	‡	‡	‡	‡
Two or more races	2	246	88	60	25
Gender					
Male	49	234	80	47	13
Female	51	239	85	54	18
National School Lunch Program					
Eligible	33	218	66	25	4
Not eligible	67	246	91	63	21

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 27 points lower than White students. This performance gap was not significantly different from that in 1992 (26 points).
- In 2011, Hispanic students had an average score that was 27 points lower than White students. This performance gap was narrower than that in 1992 (34 points).
- In 2011, female students in Massachusetts had an average score that was higher than male students by 6 points.
- In 2011, students who were eligible for free/reduced-price school lunch, an indicator of low family income, had an average score that was 27 points lower than students who were not eligible for free/reduced-price school lunch. This performance gap was not significantly different from that in 1998 (28 points).