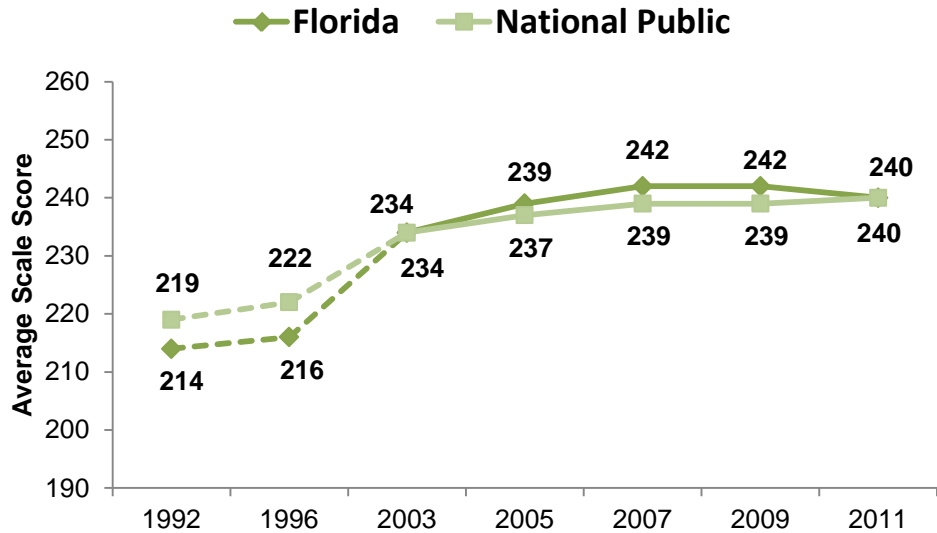


# NAEP 1992–2011 Mathematics, Grade 4 Florida vs. National Public Average Scale Scores



Scale scores range from 0 to 500 and serve as the basis for achievement levels.  
 NAEP 2003–2011 Cut Scores: *Basic* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500.  
 Scores below 214 are classified as below *Basic*.



- Both Florida’s and the nation’s grade 4 public school students had significant *gains* in their average scale scores on NAEP Mathematics between 1992 and 2011.
- In 2005, 2007, and 2009, Florida's grade 4 public school students’ average scale scores on NAEP Mathematics were significantly *higher* than those of their national counterparts. In 2003 and 2011, there was *no significant difference* between the two groups, and in 1992 and 1996, Florida scored significantly *lower* than the nation.
- Between 1992 and 2011, the gain in the average scale score of Florida’s grade 4 public school students on NAEP Mathematics was significantly *greater* than the nation’s.

Note: Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors.

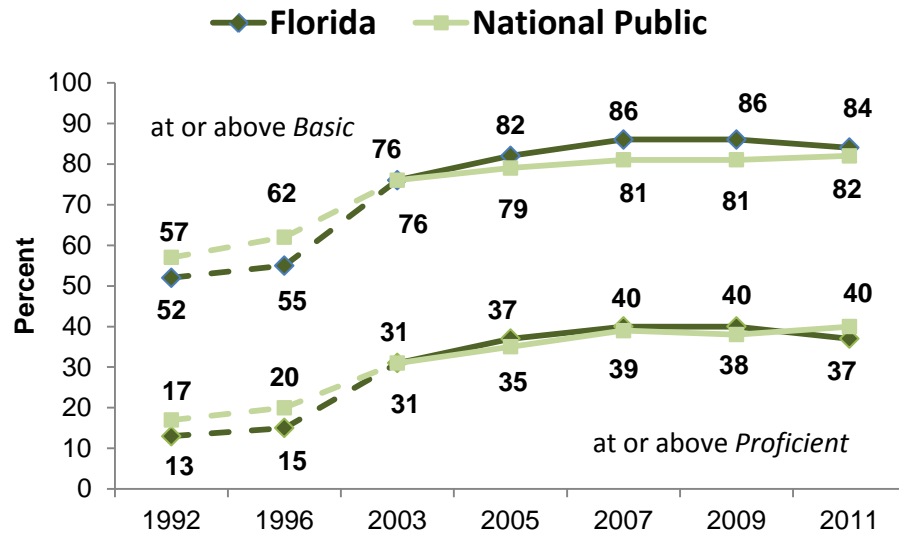
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2011 Mathematics Assessment. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2011. Variables: All. Edit Reports: Statistics Options, Average Scale Scores.

# NAEP 1992–2011 Mathematics, Grade 4 Florida vs. National Public At or Above *Basic* and at or Above *Proficient* Achievement Levels



Scale scores range from 0 to 500 and serve as the basis for achievement levels.  
 NAEP 2003–2011 Cut Scores: *Basic* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500.  
 Scores below 214 are classified as below *Basic*.



- There was a significant *gain* in the percentage of both Florida’s and the nation’s grade 4 public school students performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics between 1992 and 2011.
- In 2007 and 2009, the percentage of Florida’s grade 4 public school students performing at or above *Basic* on NAEP Mathematics was significantly *higher* than the percentage of their national counterparts. In 2003, 2005, and 2011, there was *no significant difference* between the two groups, and in 1992 and 1996, Florida scored significantly *lower* than the nation.
- The percentage of Florida’s grade 4 public school students performing at or above *Proficient* on NAEP Mathematics was *not significantly different* from the percentage of their national counterparts between 2003 and 2011. In 1992 and 1996, Florida’s students scored significantly *lower* than their national counterparts.
- Between 1992 and 2011, the gain in the percentage of Florida’s grade 4 public school students performing at or above *Basic* on NAEP Mathematics was significantly *greater* than the nation’s.
- Between 1992 and 2011, the gains in the percentage of Florida’s and the nation’s grade 4 public school students performing at or above *Proficient* on NAEP Mathematics were *not significantly different*.

Note: Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors.

Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2011 Mathematics Assessment. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>.  
 NAEP Data Explorer Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2011. Variables: All. Edit Reports: Statistics Options, Achievement Levels, Cumulative.