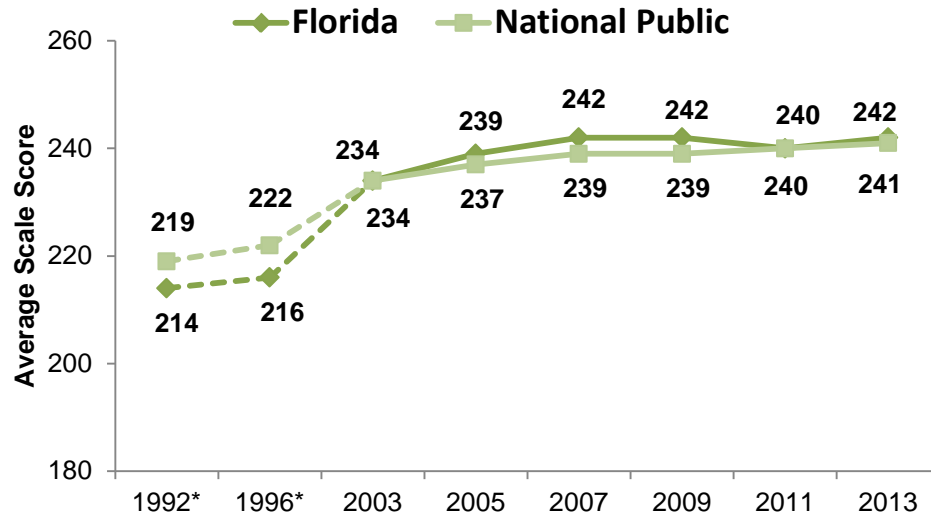


1992–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Average Scale Scores

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

1992–2013 NAEP Cut Scores: *Basic* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



*Accommodations not offered.

Comparison of the average scale scores of Florida’s (FL) and the nation’s public (NP) school students.

	1992	1996	2003	2005	2007	2009	2011	2013
FL vs. NP	↓	↓	↔	↑	↑	↑	↔	↔

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

Notes: Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. Accommodations were not permitted prior to 1998.

Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2013. Variables: All. Edit Reports: Statistics Options, Average Scale Scores.

- 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 2013.
- Between 1992 and 2013, 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.

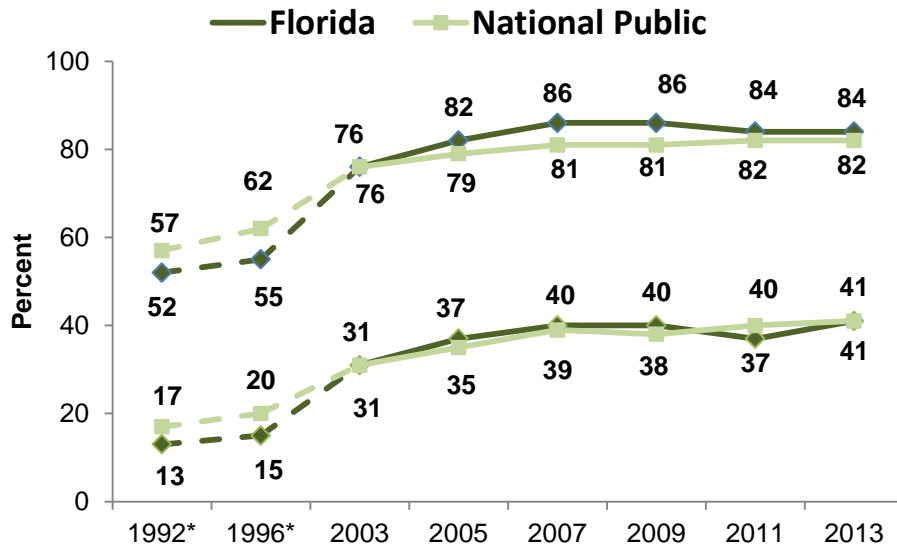
1992–2013 NAEP Mathematics, Grade 4

Florida vs. National Public

Achievement Levels, at or above *Basic* and at or above *Proficient*

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

1992–2013 NAEP Cut Scores: *Basic* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



*Accommodations not offered.

- 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 2013.
- Between 1992 and 2013, 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 2011 and 2013, the percentage of Florida’s grade 4 public school students performing at or above *Basic* improved from being not significantly different from the nation’s to being significantly higher than the nation’s.
- Between 1992 and 2013, 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*.

Comparison of the percentages of Florida’s (FL) and the nation’s public (NP) school students performing at or above *Basic* and at or above *Proficient*.

	1992	1996	2003	2005	2007	2009	2011	2013
at or above <i>Basic</i> — FL vs. NP	↓	↓	↔	↔	↑	↑	↔	↑
at or above <i>Proficient</i> — FL vs. NP	↓	↓	↔	↔	↔	↔	↔	↔

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

Notes: Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. Accommodations were not permitted prior to 1998.

at or above *Basic*: Partial mastery of prerequisite knowledge and skills needed for proficient work; at or above *Proficient*: Mastery of complex material; higher than grade level performance.

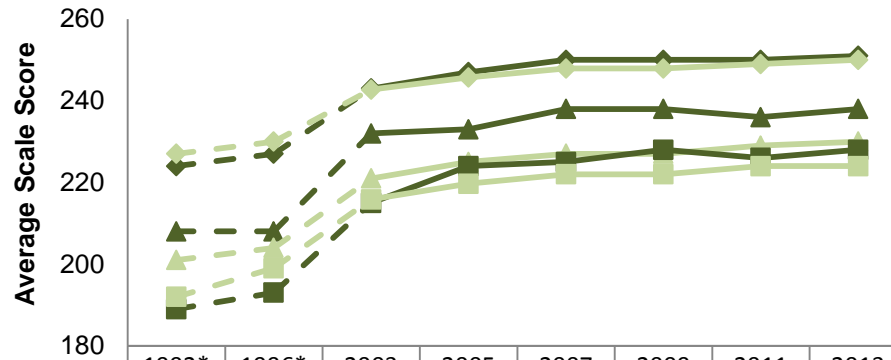
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2013. Variables: All. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

1992–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Average Scale Scores, Race/Ethnicity

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

1992–2013 NAEP 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 White, Hispanic, and African-American grade 4 public school students had significant *gains* in their average scale scores on NAEP Mathematics between 1992 and 2013.
- Between 1992 and 2013, the gain in the average scale score of Florida’s grade 4 African-American public school students on NAEP Mathematics was significantly *greater* than the nation’s.
- Between 2011 and 2013, the NAEP Mathematics average scale scores of Florida’s grade 4 African-American students improved from being not significantly different from the nation’s to being significantly higher than the nation’s.

	1992*	1996*	2003	2005	2007	2009	2011	2013
— Florida White	224	227	243	247	250	250	250	251
— National Public White	227	230	243	246	248	248	249	250
— Florida Hispanic	208	208	232	233	238	238	236	238
— National Public Hispanic	201	204	221	225	227	227	229	230
— Florida African-American	189	193	215	224	225	228	226	228
— National Public African-American	192	199	216	220	222	222	224	224

*Accommodations not offered.

Comparison of the average scale scores of Florida’s (FL) and the nation’s public (NP) school White, Hispanic, and African-American students.

	1992	1996	2003	2005	2007	2009	2011	2013
White – FL vs. NP	↔	↓	↔	↔	↑	↑	↔	↔
Hispanic – FL vs. NP	↑	↔	↑	↑	↑	↑	↑	↑
African-American – FL vs. NP	↔	↔	↔	↑	↑	↑	↔	↑

↑	Significantly higher
↔	No significant difference
↓	Significantly lower

Notes: Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. Accommodations were not permitted prior to 1998.

Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

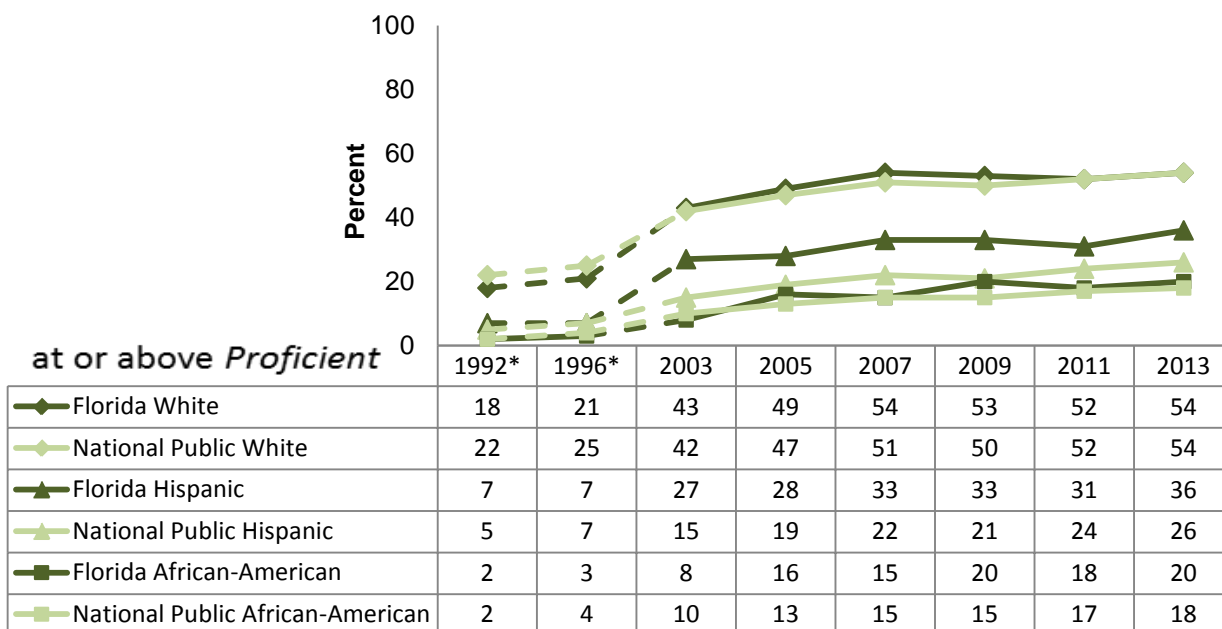
[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2013. Variables: Race/Ethnicity used to report trends, school-reported.

Edit Reports: Statistics Options, Average Scale Scores.

1992–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Achievement Level, at or above *Proficient*, Race/Ethnicity

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

2003–2013 NAEP Cut Scores: *Basic* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



*Accommodations not offered.

- There was a significant *gain* in the percentage of both Florida’s and the nation’s grade 4 public school White, Hispanic, and African-American students performing at or above *Proficient* on NAEP Mathematics between 1992 and 2013.
- Between 1992 and 2013, the gain in the percentage of Florida’s grade 4 Hispanic public school students performing at or above *Basic* on NAEP Mathematics was significantly *greater* than the nation’s.
- In 2011 and 2013, Florida’s grade 4 Hispanic public school students performing at or above *Proficient* on NAEP Mathematics was the only variable group to score significantly higher than its national counterparts.

Comparison of the percentages of Florida (FL) and nation’s public (NP) school White, Hispanic, and African-American students performing at or above *Proficient*.

	1992	1996	2003	2005	2007	2009	2011	2013
White – FL vs. NP	↔	↓	↔	↔	↔	↔	↔	↔
Hispanic – FL vs. NP	↔	↔	↑	↑	↑	↑	↑	↑
African-American – FL vs. NP	↔	↔	↔	↑	↔	↑	↔	↔

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

Notes: Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. Accommodations were not permitted prior to 1998. At or above *Proficient*: Mastery of complex material; higher than grade level performance.

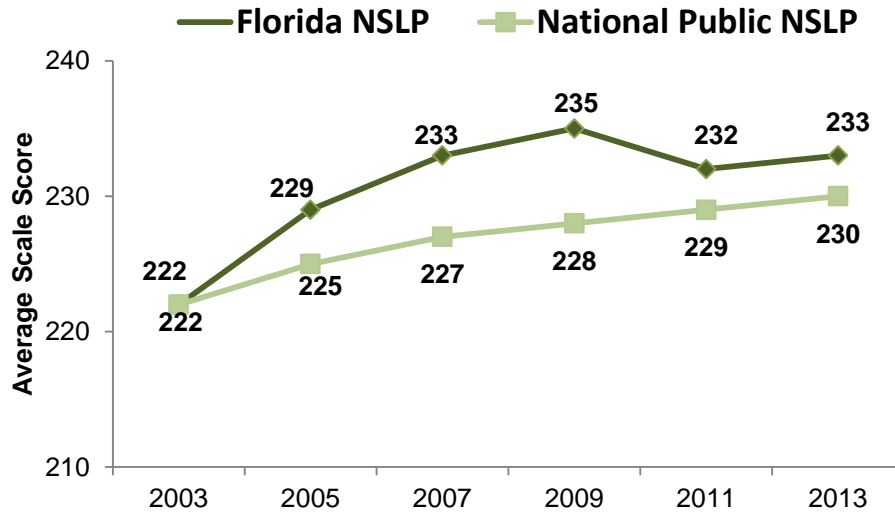
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

2003–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Average Scale Scores, Eligibility for National School Lunch Program (NSLP)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

2003–2013 NAEP 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 eligible for the National School Lunch Program (NSLP) made significant *gains* in their average scale scores on NAEP Mathematics between 2003 and 2013.
- Between 2003 and 2013, there was *no significant difference* in the gains in the average scale scores of Florida’s and the nation’s grade 4 public school students eligible for the National School Lunch Program (NSLP) on NAEP Mathematics.

Comparison of the average scale scores of Florida’s (FL) and the nation’s public (NP) school students eligible for the National School Lunch Program (NSLP).

	2003	2005	2007	2009	2011	2013
NSLP Eligible — FL vs. NP	↔	↑	↑	↑	↑	↑

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

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

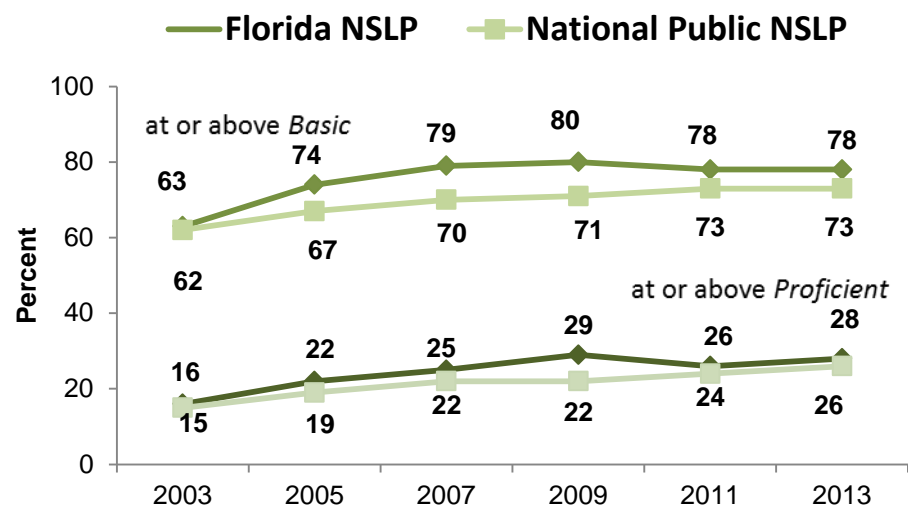
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: National School Lunch Program eligibility, 3 categories. Edit Reports: Statistics Options, Average Scale Scores.

2003–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Achievement Levels, at or above *Basic* and at or above *Proficient* Eligibility for National School Lunch Program (NSLP)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

2003–2013 NAEP 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 eligible for the National School Lunch Program (NSLP) performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics between 2003 and 2013.
- There was *no significant difference* between the change in the percentages of Florida’s and the nation’s grade 4 public school students eligible for the National School Lunch Program (NSLP) performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics between 2003 and 2013.

Comparison of the percentages of Florida’s (FL) and the nation’s public (NP) school students eligible for the National School Lunch Program (NSLP) performing at or above *Basic* and at or above *Proficient*.

	2003	2005	2007	2009	2011	2013
NSLP Eligible at or above <i>Basic</i> — FL vs. NP	↔	↑	↑	↑	↑	↑
NSLP Eligible at or above <i>Proficient</i> — FL vs. NP	↔	↑	↑	↑	↔	↔

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

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

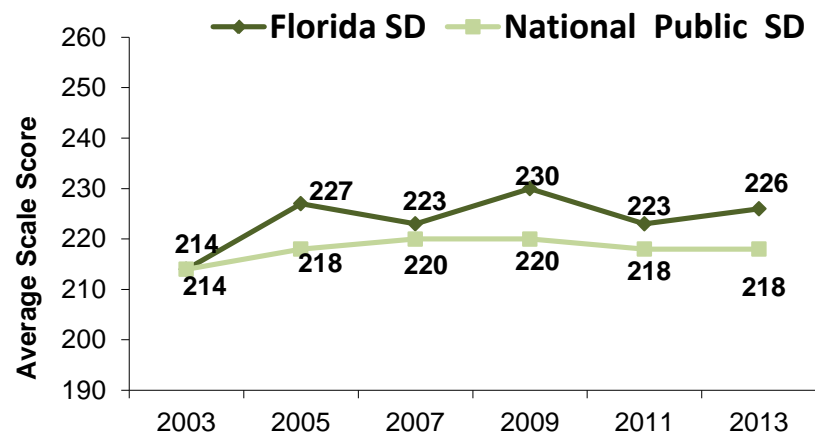
at or above *Basic*: Partial mastery of prerequisite knowledge and skills needed for proficient work; at or above *Proficient*: Mastery of complex material; higher than grade level performance.
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: National School Lunch Program eligibility, 3 categories. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

2003–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Average Scale Scores, Students with Disabilities (SD)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

2003–2013 NAEP 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 with disabilities (SD) had significant *gains* in their average scale scores on NAEP Mathematics between 2003 and 2013.
- Between 2003 and 2013, the gain in the average scale scores of Florida’s grade 4 public school students with disabilities (SD) on NAEP Mathematics was significantly *greater* than the nation’s.

Comparison of the average scale score of Florida’s (FL) and the nation’s public (NP) school students with disabilities (SD).

	2003	2005	2007	2009	2011	2013
SD — FL vs. NP	↔	↑	↔	↑	↑	↑

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

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

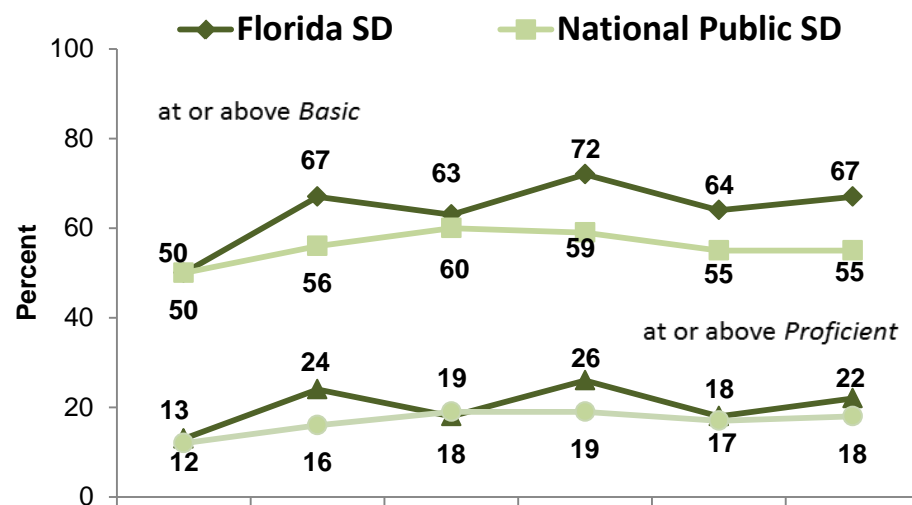
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: Disability status of student, including those with 504 plan. Edit Reports: Statistics Options, Average Scale Scores.

2003–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Achievement Levels, at or above *Basic* and at or above *Proficient* Students with Disabilities (SD)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

2003–2013 NAEP Cut Scores: *Basic* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



- There were significant *gains* in the percentages of both Florida’s and the nation’s grade 4 public school students with disabilities (SD) performing at or above *Basic* and the nation’s SD performing at or above *Proficient* on NAEP Mathematics between 2003 and 2013.
- Between 2003 and 2013, the change in the percentage of Florida’s grade 4 public school students with disabilities (SD) performing at or above *Basic* on NAEP Mathematics was significantly *greater* than the nation’s.
- Between 2003 and 2013, the change in the percentage of Florida’s grade 4 public school students with disabilities (SD) performing at or above *Proficient* on NAEP Mathematics was *not significantly different* than the nation’s.

Comparison of the percentages of Florida’s (FL) and the nation’s public (NP) school students with disabilities (SD) performing at or above *Basic* and at or above *Proficient*.

	2003	2005	2007	2009	2011	2013
SD at or above <i>Basic</i> — FL vs. NP	↔	↑	↔	↑	↑	↑
SD at or above <i>Proficient</i> — FL vs. NP	↔	↑	↔	↑	↔	↔

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

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

at or above *Basic*: Partial mastery of prerequisite knowledge and skills needed for proficient work; at or above *Proficient*: Mastery of complex material; higher than grade level performance.

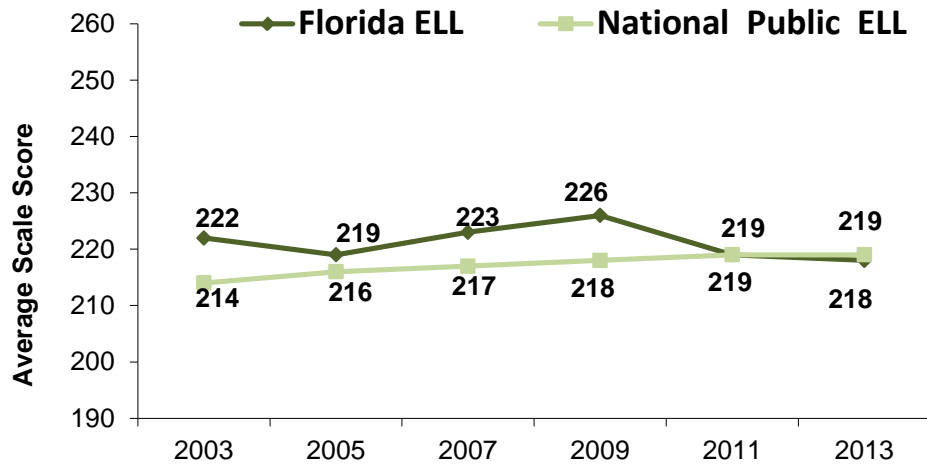
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

NAEP Data Explorer Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: Disability status of student, including those with 504 plan. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

2003–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Average Scale Scores, English Language Learners (ELLs)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

2003–2013 NAEP Cut Scores: *Basic* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



- The nation’s grade 4 public school English language learners (ELLs) had a significant *gain* in their average scale score on NAEP Mathematics between 2003 and 2013. Florida’s ELL change was not significant.
- Between 2003 and 2013, the decrease in the average scale score of Florida’s grade 4 public school English language learners (ELLs) on NAEP Mathematics was *significantly different* from the nation’s increase for the same student group.

Comparison of the average scale scores of Florida’s (FL) and the nation’s public (NP) school English language learners (ELLs).

	2003	2005	2007	2009	2011	2013
ELL — FL vs. NP	↑	↔	↑	↑	↔	↔

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

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

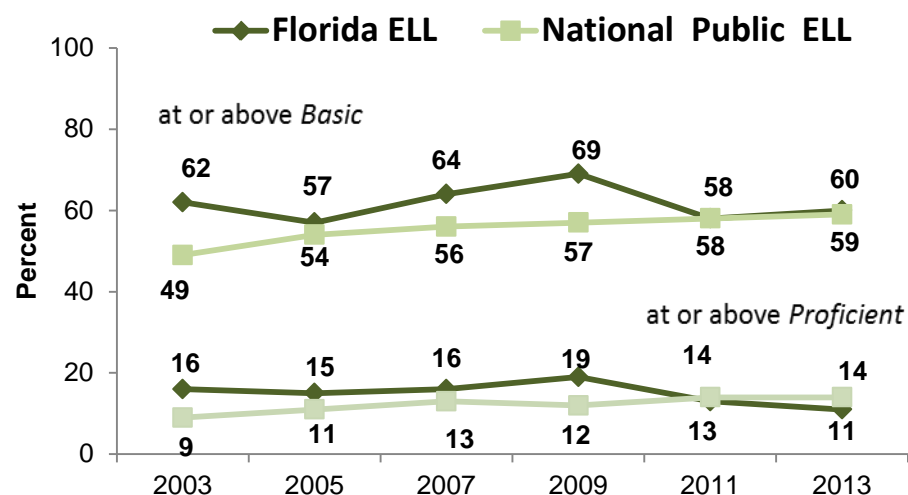
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: Status as English Language Learner, 2 categories. Edit Reports: Statistics Options, Average Scale Scores.

2003–2013 NAEP Mathematics, Grade 4 Florida vs. National Public Achievement Levels, at or above *Basic* and at or above *Proficient* English Language Learners (ELLs)

Scale scores range from 0 to 500 and serve as the basis for achievement levels.

2003–2013 NAEP 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 the nation’s grade 4 public school English language learners (ELLs) performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics between 2003 and 2013. Florida’s ELL achievement level changes between 2003 and 2013 were *not significant*.
- Between 2003 and 2013, the changes in the percentage of Florida’s grade 4 public school English language learners (ELLs) performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics were *significantly different* from the nation’s increase for the same student group.

Comparison of the percentages of Florida’s (FL) and the nation’s public (NP) school English language learners (ELLs) performing at or above *Basic* and at or above *Proficient*.

	2003	2005	2007	2009	2011	2013
ELL at or above <i>Basic</i> — FL vs. NP	↑	↔	↑	↑	↔	↔
ELL at or above <i>Proficient</i> — FL vs. NP	↑	↔	↔	↑	↔	↔

- ↑ Significantly higher
- ↔ No significant difference
- ↓ Significantly lower

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

at or above *Basic*: Partial mastery of prerequisite knowledge and skills needed for proficient work; at or above *Proficient*: Mastery of complex material; higher than grade level performance. Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: Variables: Status as English Language Learner, 2 categories. Edit Reports: Statistics Options, Achievement Levels, Cumulative.