

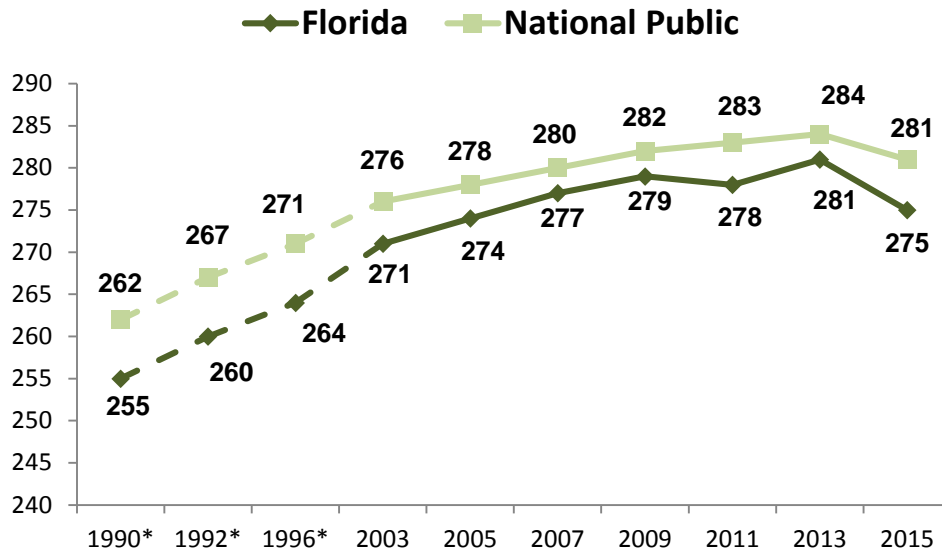
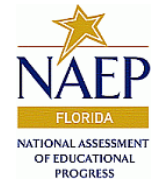
1990–2015 NAEP Mathematics, Grade 8

Florida (FL) vs. the National Public (NP)

Average Scale Scores, All Students

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

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



- Both Florida’s and the Nation’s Grade 8 public school students had significant gains in their NAEP Mathematics average scale scores between 1990 and 2015.
- Since the beginning of state-level Grade 8 NAEP Mathematics in 1990, the average scale scores of Florida’s public school students have been significantly lower than those of their national counterparts.
- Between 2013 and 2015, both Florida’s and the Nation’s average scale scores decreased for Grade 8 public school students on NAEP Mathematics.
- Between 1990 and 2015, the gains in the average scale scores of Florida’s Grade 8 public school students on NAEP Mathematics were not significantly different from the Nation’s.

*Accommodations not permitted.

Comparison of the average scale scores of FL’s and the NP’s students.

	1990	1992	1996	2003	2005	2007	2009	2011	2013	2015
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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 1990-2015. Variables: All. Edit Reports: Statistics Options, Average Scale Scores.

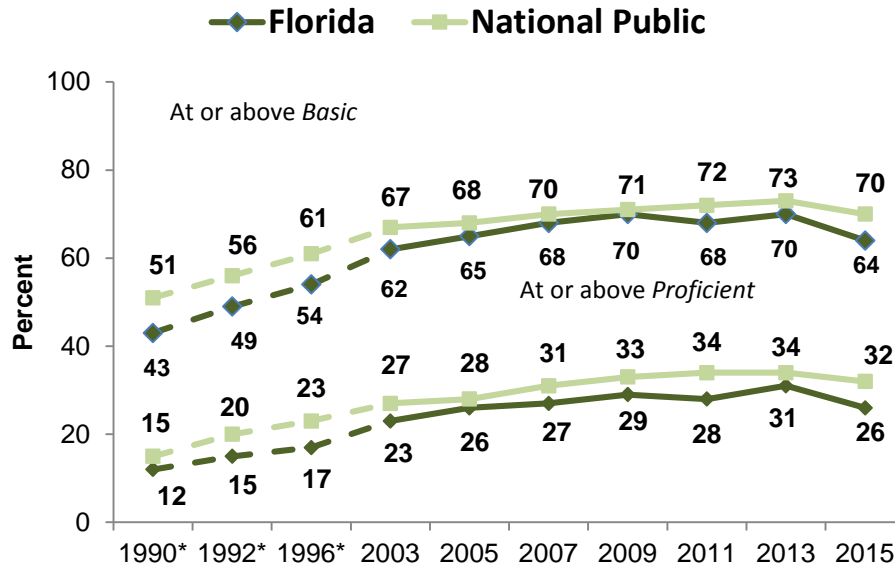
1990–2015 NAEP Mathematics, Grade 8

Florida (FL) vs. the National Public (NP)

Achievement Levels: at or above *Basic* and at or above *Proficient*, All Students

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

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



- There was a significant gain in the percentage of both Florida’s and the Nation’s Grade 8 public school students performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics between 1990 and 2015.
- Since the beginning of state-level Grade 8 NAEP Mathematics in 1990, the percentages of Florida’s Grade 8 public school students performing at or above *Basic* and at or above *Proficient* have been significantly lower than those of their national counterparts, except for at or above *Basic* in 2007 and 2009 when there were no significant differences between Florida’s and the Nation’s percentages.
- Both Florida’s and the Nation’s percentages of Grade 8 public school students performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics decreased significantly between 2013 and 2015.
- Between 1990 and 2015, the gains in the percentages of Florida’s Grade 8 public school students performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics were not significantly different than the gains of their national counterparts.

*Accommodations not permitted.

Comparison of the average scale scores of FL’s and the NP’s students performing at or above *Basic* and at or above *Proficient*.

	1990	1992	1996	2003	2005	2007	2009	2011	2013	2015
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.

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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 1990-2015. Variables: All. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

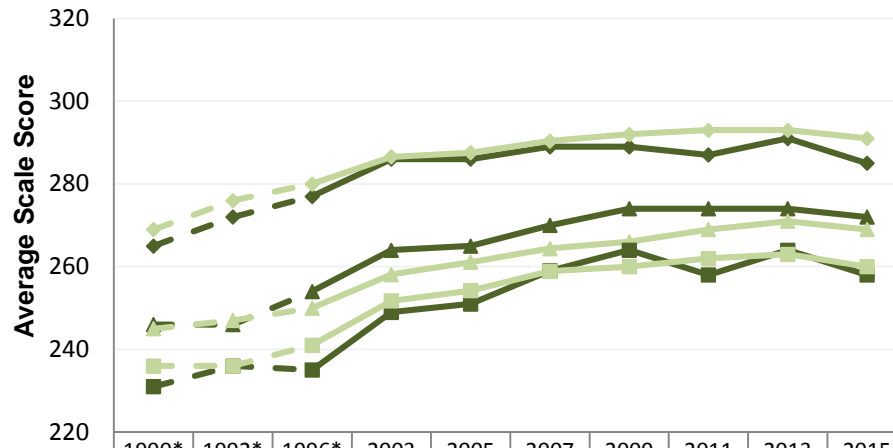
1990–2015 NAEP Mathematics, Grade 8

Florida (FL) vs. the National Public (NP)

Average Scale Scores, Race/Ethnicity

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

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



	1990*	1992*	1996*	2003	2005	2007	2009	2011	2013	2015
Florida White	265	272	277	286	286	289	289	287	291	285
National Public White	269	276	280	287	288	290	292	293	293	291
Florida Hispanic	246	246	254	264	265	270	274	274	274	272
National Public Hispanic	245	247	250	258	261	264	266	269	271	269
Florida Black	231	236	235	249	251	259	264	258	264	258
National Public Black	236	236	241	252	254	259	260	262	263	260

*Accommodations not permitted.

- Between 1990 and 2015, the gains in the average scale scores of Florida’s and the Nation’s White, Hispanic and Black Grade 8 public school students on NAEP Mathematics were significant.
- Between 2013 and 2015, Florida’s White Grade 8 public school students moved from scoring not significantly different from their national counterparts to below them on NAEP Mathematics, Florida’s Hispanic students moved from scoring above their national counterparts to not significantly different from them, and Florida’s Black students continued to score not significantly different from their national counterparts.
- Between 2013 and 2015, the average scale scores of Florida’s White, Hispanic and Black Grade 8 public school students on NAEP Mathematics did not change significantly; however, the Nation’s White and Black scores decreased significantly.
- Between 1990 and 2015, the gains in the average scale scores of Florida’s White, Hispanic and Black Grade 8 public school students on NAEP Mathematics were not significantly different than the Nation’s.

Comparison of the average scale scores of FL’s and the NP’s White, Hispanic, and Black students.

	1990	1992	1996	2003	2005	2007	2009	2011	2013	2015
White – FL vs. NP	↓	↔	↔	↔	↔	↔	↔	↓	↓	↔
Hispanic – FL vs. NP	↔	↔	↔	↑	↑	↑	↑	↑	↑	↔
Black – 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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 1990-2015. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Average Scale Scores.

1990–2015 NAEP Mathematics, Grade 8

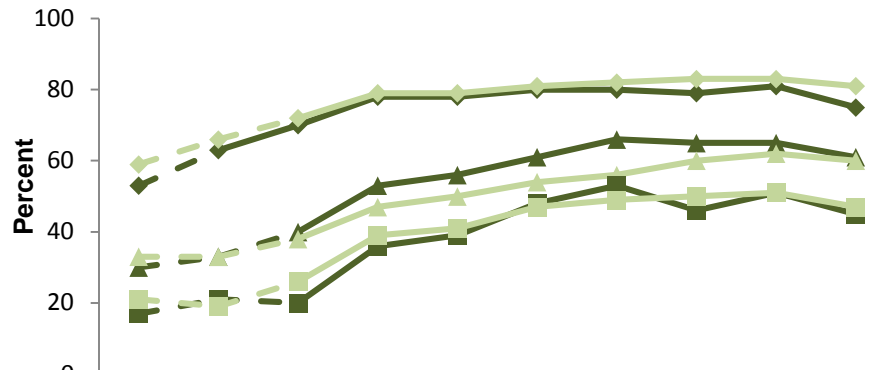
Florida (FL) vs. the National Public (NP)

Achievement Level: at or above *Basic*, Race/Ethnicity



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

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



at or above *Basic*

	1990*	1992*	1996*	2003	2005	2007	2009	2011	2013	2015
Florida White	53	63	70	78	78	80	80	79	81	75
National Public White	59	66	72	79	79	81	82	83	83	81
Florida Hispanic	30	33	40	53	56	61	66	65	65	61
National Public Hispanic	33	33	38	47	50	54	56	60	62	60
Florida Black	17	21	20	36	39	48	53	46	51	45
National Public Black	21	19	26	39	41	47	49	50	51	47

*Accommodations not permitted.

- There were significant gains in the percentages of both Florida’s and the Nation’s Grade 8 public school White, Hispanic and Black students performing at or above *Basic* on NAEP Mathematics between 1990 and 2015.
- Florida’s percentages of Hispanic and Black Grade 4 public school students performing at or above *Basic* on NAEP Mathematics continued to be not significantly different from their national counterparts; however, Florida’s percentage of White students performing at or about *Basic* moved from not being significantly different from the Nation’s in 2013 to significantly lower than them in 2015.
- Between 2013 and 2015, Florida’s percentages of White, Hispanic and Black Grade 8 public school students performing at or above *Basic* on NEAP Mathematics did not change significantly. The Nation’s percentages of White and Black students performing at or above *Basic* declined significantly between the two years.
- Between 1990 and 2015, the gains in the percentages of Florida’s White, Hispanic and Black Grade 8 public school students performing at or above *Basic* on NAEP Mathematics were not significantly different from the gains of their national counterparts.

Comparison of the percentages of FL’s and the NP’s White, Hispanic, and Black students performing at or above *Basic*.

	1990	1992	1996	2003	2005	2007	2009	2011	2013	2015
White – FL vs. NP	↓	↔	↔	↔	↔	↔	↔	↔	↓	↔
Hispanic – FL vs. NP	↔	↔	↔	↑	↑	↑	↑	↑	↔	↔
Black – 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.

Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 1990-2015. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

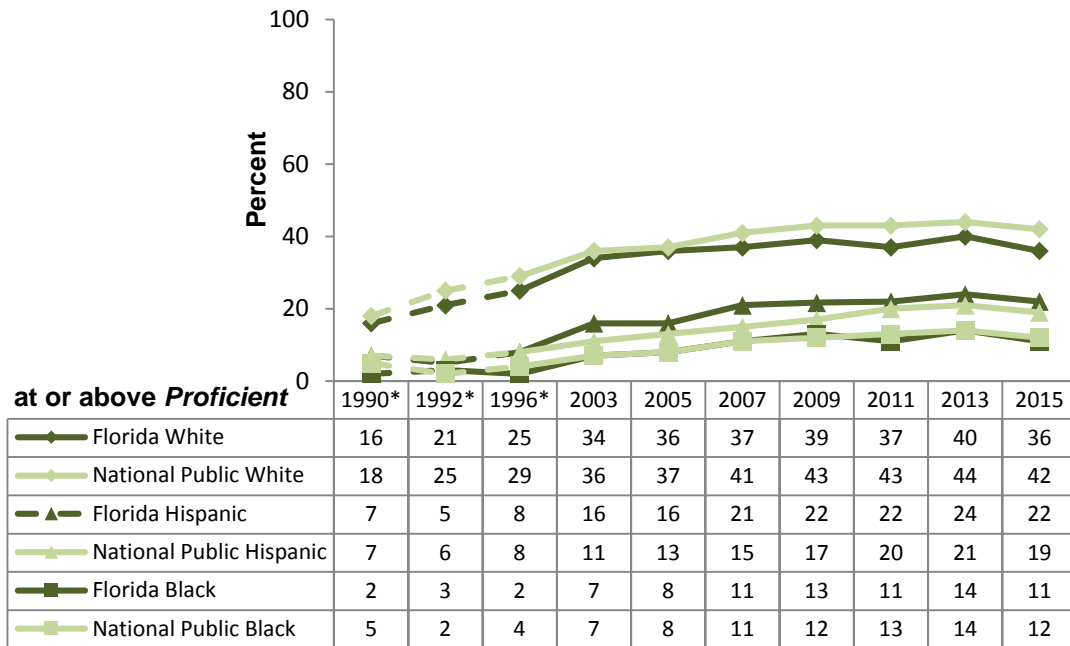
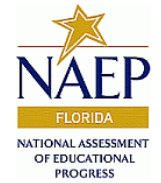
1990–2015 NAEP Mathematics, Grade 8

Florida (FL) vs. the National Public (NP)

Achievement Level: at or above *Proficient*, Race/Ethnicity

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

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



*Accommodations not permitted.

- There were significant gains in the percentages of both Florida’s and the Nation’s White, Hispanic and Black Grade 8 public school students performing at or above *Proficient* on NAEP Mathematics between 1990 and 2015.
- Since 2011, Florida’s percentage of White Grade 8 public school students performing at or above *Proficient* on NAEP Mathematics has remained significantly lower than the Nation’s. Florida’s percentage of Hispanic students returned to being not significantly different from the Nation’s in 2015 after being significantly higher than the Nation’s in 2013. Florida’s percentage of Black students performing at or above *Proficient* has remained not significantly different than the Nation’s since 1990.
- Between 2013 and 2015, the Nation’s White and Black Grade 8 public school students had significant decreases in the percentage of students scoring at or above *Proficient* on NAEP Mathematics. There were no significant differences in scores between 2013 and 2015 for Florida’s White, Hispanic and Black students and the Nation’s Hispanic students.
- Between 1990 and 2015, the gains in the percentages of Florida’s White, Hispanic and Black Grade 8 public school students performing at or above *Proficient* on NAEP Mathematics were not significantly different than the gains of their national counterparts.

Comparison of the percentages of FL’s and the NP’s White, Hispanic, and Black students performing at or above *Proficient*.

	1990	1992	1996	2003	2005	2007	2009	2011	2013	2015
White – FL vs. NP	↔	↔	↔	↔	↔	↔	↔	↓	↓	↓
Hispanic – FL vs. NP	↔	↔	↔	↑	↔	↑	↑	↔	↑	↔
Black – 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 *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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 1990-2015. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

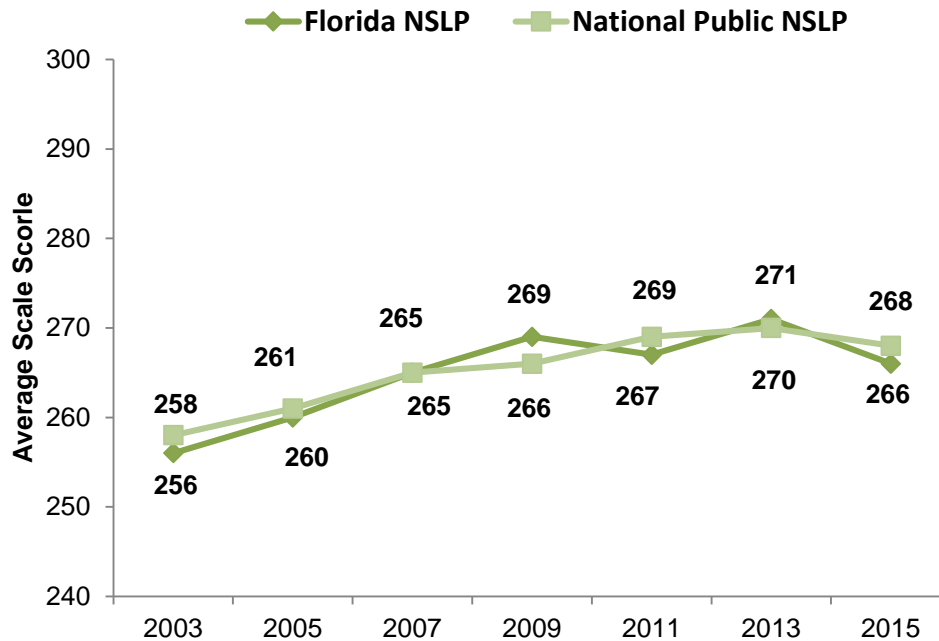
2003–2015 NAEP Mathematics, Grade 8

Florida (FL) vs. the National Public (NP)

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.

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



- Both Florida’s and the Nation’s Grade 8 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 2015.
- In 2013 and 2015, Florida’s Grade 8 public school students eligible for the NSLP had average scale scores on NAEP Mathematics that were not significantly different from those of their national counterparts.
- Both Florida’s and the Nation’s NAEP Mathematics average scale scores of Grade 8 public school students eligible for the NSLP decreased between 2013 and 2015.
- Between 2003 and 2015, the gains in the NAEP Mathematics average scale scores of Florida’s Grade 8 public school students eligible for the NSLP were not significantly different than the Nation’s.

Comparison of the average scale scores of FL’s and the NP’s students eligible for NSLP.

	2003	2005	2007	2009	2011	2013	2015
NSLP Eligible — 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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: National School Lunch Program eligibility, 3 categories. Edit Reports: Statistics Options, Average Scale Scores.

2003–2015 NAEP Mathematics, Grade 8

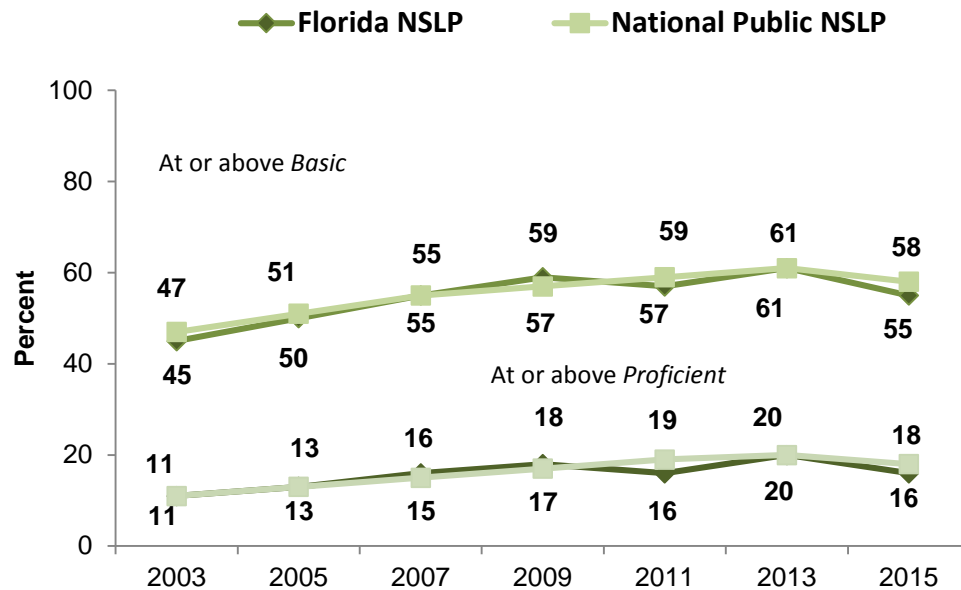
Florida (FL) vs. the National Public (NP)

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.

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



- There were significant gains in the percentages of both Florida’s and the Nation’s Grade 8 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 2015.
- Florida’s percentage of NSLP eligible Grade 8 public school students performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics remained not significantly different from their national counterparts.
- The percentages of the Florida’s and Nation’s NSLP eligible Grade 8 public school students scoring at or above *Basic* and at or above *Proficient* on NAEP Mathematics decreased significantly between 2013 and 2015.
- Between 2003 and 2015, the gains in the percentages of Florida’s Grade 8 public school students eligible for the NSLP performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics were not significantly different than the gains of their national counterparts.

Comparison of the average scale scores of FL’s and the NP’s students eligible for NSLP performing at or above *Basic* and at or above *Proficient*.

	2003	2005	2007	2009	2011	2013	2015
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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: National School Lunch Program eligibility, 3 categories. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

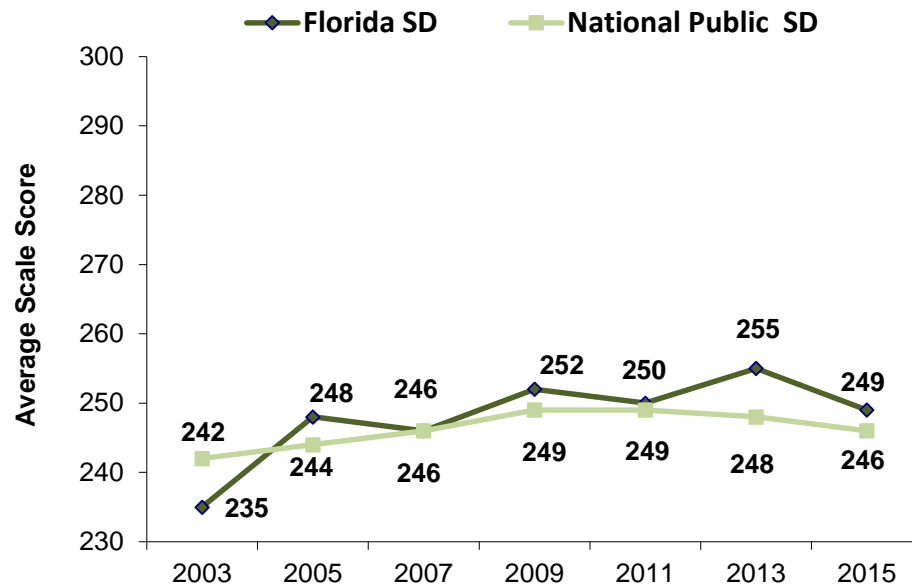
2003–2015 NAEP Mathematics, Grade 8

Florida (FL) vs. the National Public (NP)

Average Scale Scores, Students with Disabilities (SD)

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

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



- Florida’s and the Nation’s Grade 8 public school students with disabilities (SD) had significant gains in their average scale scores on NAEP Mathematics between 2003 and 2015.
- Since 2005, Florida’s Grade 8 public school SD students average scale scores on NAEP Mathematics have not been significantly different from those of their national counterparts except in 2013 when Florida’s SD students scored significantly higher than their national counterparts.
- Both Florida’s and the Nation’s Grade 8 public school SD students had significant declines in their average scale scores on NAEP Mathematics between 2013 and 2015.
- Between 2003 and 2015, the gains in the average scale scores of Florida’s Grade 8 public school SD students on NAEP Mathematics were significantly greater than the gains of their national counterparts.

Comparison of the average scale scores of FL’s and the NP’s SD’s.

	2003	2005	2007	2009	2011	2013	2015
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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: Disability status of student, including those with 504 plan. Edit Reports: Statistics Options, Average Scale Scores.

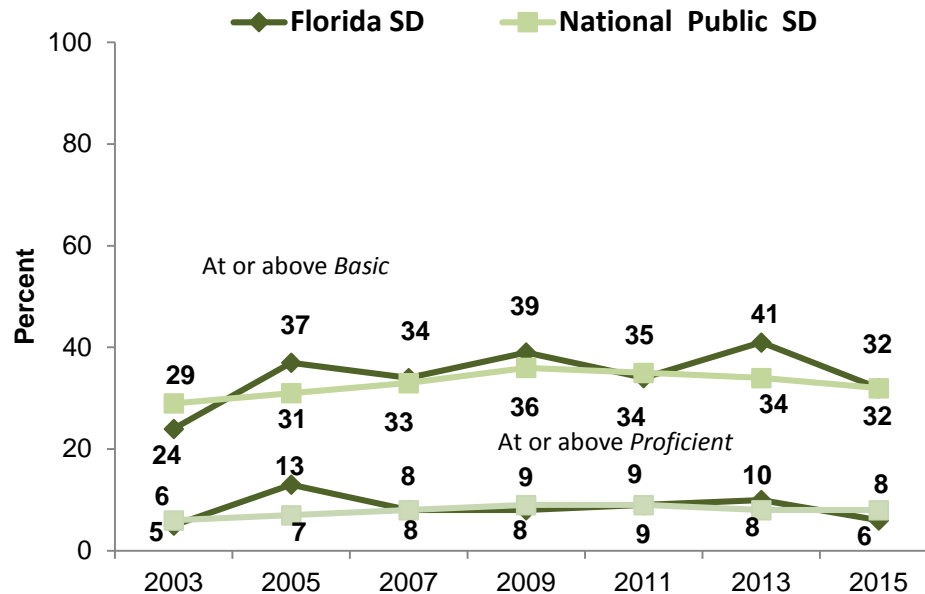
2003–2015 NAEP Mathematics, Grade 8

Florida (FL) vs. the National Public (NP)

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.

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



- There was a significant gain in the percentage of the Nation’s Grade 8 public school students with disabilities (SD) performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics between 2003 and 2015. Florida’s percentages did not change significantly at either achievement level between the two years.
- In 2015, the percentages of Florida’s public school SD students scoring at or above *Basic* and at or above *Proficient* on NAEP Mathematics were not significantly different from those of their national counterparts. This was a decline for Florida’s SD students performing at or above *Basic* as they scored significantly higher than their national counterparts in 2013.
- Between 2013 and 2015, the Nation’s percentage of Grade 8 public school SD students performing at or above *Basic* on NAEP Mathematics decreased significantly. The Nation’s percentage of SD students performing at or above *Proficient* and Florida’s percentage of SD students scoring at or above *Basic* or at or above *Proficient* did not change significantly between the two years.
- Between 2003 and 2015, the changes in the percentages of Florida’s Grade 8 public school SD students performing at or above *Basic* or at or above *Proficient* on NAEP Mathematics were not significantly different than the changes of their national counterparts.

Comparison of the average scale scores of FL’s and the NP’s SD’s performing at or above *Basic* and at or above *Proficient*.

	2003	2005	2007	2009	2011	2013	2015
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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: Disability status of student, including those with 504 plan. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

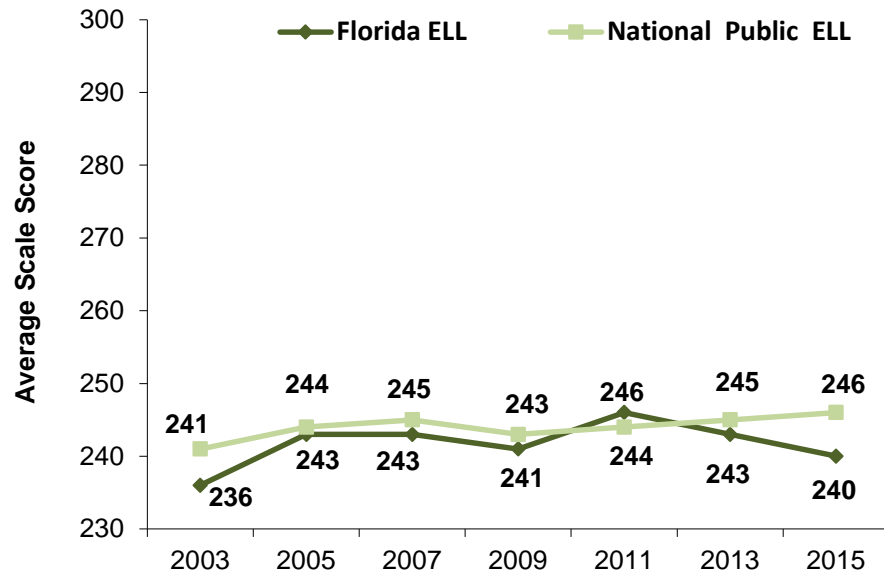
2003–2015 NAEP Mathematics, Grade 8

Florida (FL) vs. the National Public (NP)

Average Scale Scores, English Language Learners (ELLs)

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

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



- The Nation’s Grade 8 public school English Language Learners (ELLs) had a significant gain in average scale scores on NAEP Mathematics between 2003 and 2015. Florida’s change in scores between 2003 and 2015 was not significant.
- Since 2003, Florida’s Grade 8 public school ELLs have had average scale scores on NAEP Mathematics that were not significantly different from those of their national counterparts.
- Neither Florida’s nor the Nation’s Grade 8 public school ELLs had significant changes in their average scale scores on NAEP Mathematics between 2013 and 2015.
- There was no significant difference between Florida’s and the Nation’s changes in Grade 8 public school ELL NAEP Mathematics average scale scores between 2003 and 2015.

Comparison of the average scale scores of FL’s and the NP’s ELLs.

	2003	2005	2007	2009	2011	2013	2015
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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: Status as English Language Learner, 2 categories. Edit Reports: Statistics Options, Average Scale Scores.

2003–2015 NAEP Mathematics, Grade 8

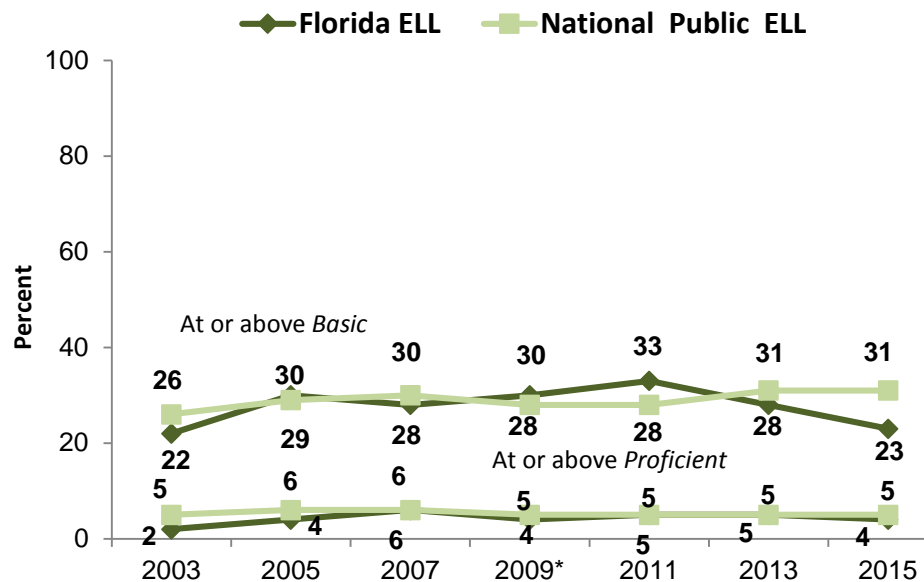
Florida (FL) vs. the National Public (NP)

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.

NAEP Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.



- There was a significant gain in the percentage of the Nation’s Grade 8 public school English Language Learners (ELLs) performing at or above *Basic* on NAEP Mathematics between 2003 and 2015. There was not a similar gain in Florida’s percentage. For the Nation’s students scoring at or above *Proficient*, there was no significant change between 2003 and 2015. A significance test could not be performed for Florida’s ELLs scoring at or above *Proficient* because reporting standards were not met.
- The percentages of Florida’s and the Nation’s Grade 8 public school ELLs performing at or above *Basic* on NAEP Reading have not been significantly different since 2003. For at or above *Proficient*, Florida’s and the Nation’s percentages have not been significantly different since 2005.
- Between 2013 and 2015, the percentages of Florida’s and the Nation’s Grade 8 public school ELLs performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics did not change significantly.
- Between 2003 and 2015, the changes in the percentages of Florida’s and the Nation’s Grade 8 public school ELLs performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics were not significantly different.

Comparison of the average scale scores of FL’s and the NP’s ELLs performing at or above *Basic* and at or above *Proficient*.

	2003	2005	2007	2009	2011	2013	2015
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

*For 2003, a significance test could not be performed on Florida’s at or above *Proficient* data because reporting standards were not met or appropriate standard errors could not be calculated for one or more estimates in the test.

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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: Variables: Status as English Language Learner, 2 categories. Edit Reports: Statistics Options, Achievement Levels, Cumulative.