

1992–2015 NAEP Mathematics, Grade 4

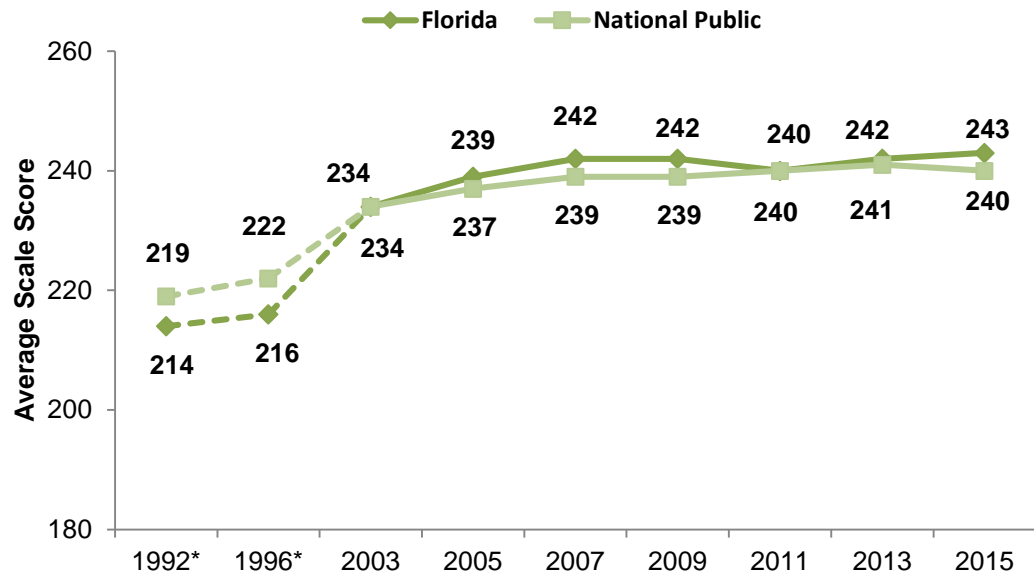
Florida (FL) vs. the National Public (NP)

Average Scale Scores, All Students



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

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



*Accommodations not offered.

- Both Florida’s and the Nation’s Grade 4 public school students had significant gains in their NAEP Mathematics average scale scores between 1992 and 2015.
- For the first time since 2009, Florida’s Grade 4 public school students’ average scale scores on NAEP Mathematics were significantly higher than the Nation’s.
- The Nation’s Grade 4 public school students’ average scale score on NAEP Mathematics lowered significantly between 2013 and 2015; however, Florida’s average scale scores between the two years were not significantly different.
- Between 1992 and 2015, 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.

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

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

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2015. Variables: All. Edit Reports: Statistics Options, Average Scale Scores.

1992–2015 NAEP Mathematics, Grade 4

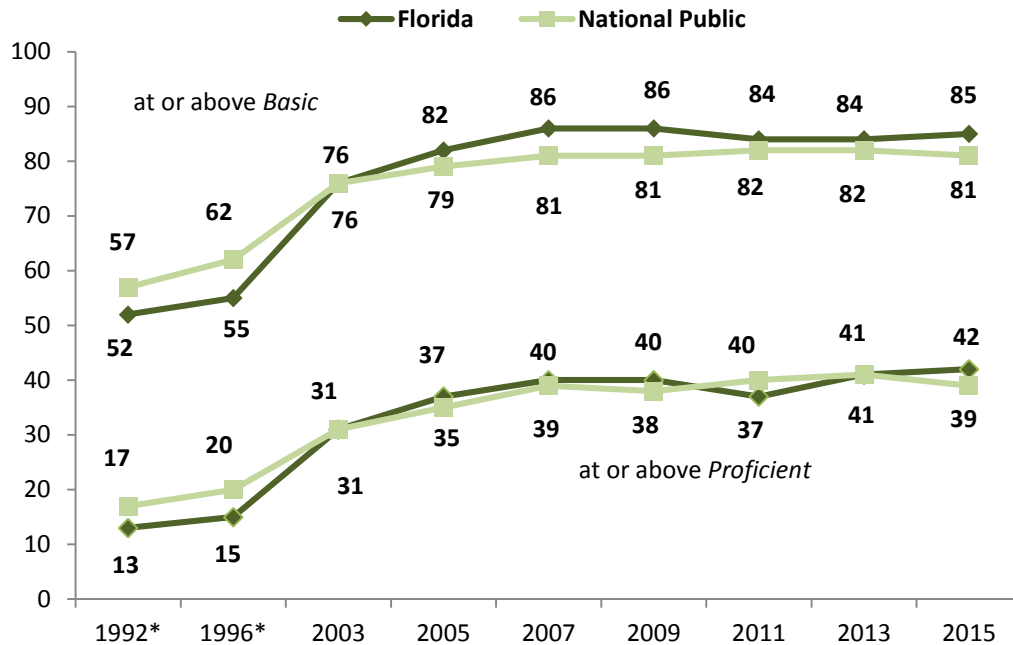
Florida (FL) vs. the National Public (NP)

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* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



- Between 1992 and 2015, there were significant gains in the percentages 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.
- In 2013 and 2015, the percentage of Florida’s Grade 4 public school students performing at or above *Basic* on NAEP Mathematics was significantly higher than the Nation’s.
- Since 2003, the percentage of Florida’s Grade 4 public school students performing at or above *Proficient* on NAEP Mathematics has not been significantly different from the Nation’s.
- Between 2013 and 2015, the Nation had a significant decrease in the percentage of their Grade 4 public school students scoring at or above *Basic* and at or above *Proficient* on NAEP Mathematics; however, Florida’s changes between the two years were not significantly different.
- Between 1992 and 2015, Florida’s gains in the percentages of Grade 4 public school students performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics were significantly greater than the gains of their national counterparts.

*Accommodations not offered.

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

	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. 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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2015. Variables: All. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

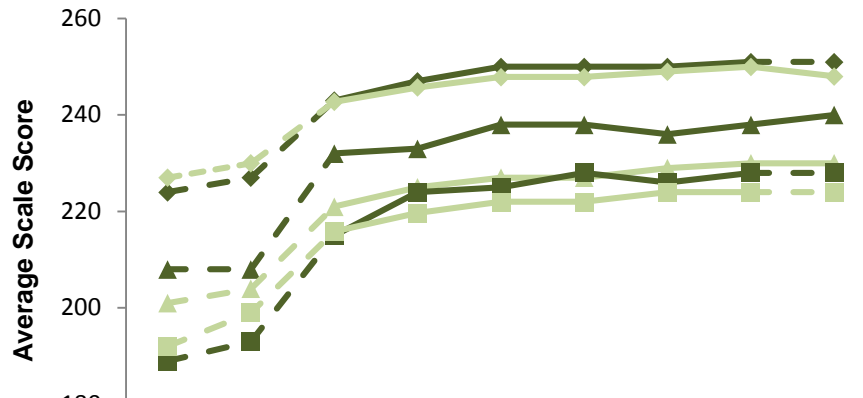
1992–2015 NAEP Mathematics, Grade 4

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* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



	1992*	1996*	2003	2005	2007	2009	2011	2013	2015
—◆— Florida White	224	227	243	247	250	250	250	251	251
—◆— National Public White	227	230	243	246	248	248	249	250	248
—▲— Florida Hispanic	208	208	232	233	238	238	236	238	240
—▲— National Public Hispanic	201	204	221	225	227	227	229	230	230
—■— Florida Black	189	193	215	224	225	228	226	228	228
—■— National Public Black	192	199	216	220	222	222	224	224	224

*Accommodations not offered.

- Both Florida’s and the Nation’s White, Hispanic and Black Grade 4 public school students had significant gains in their average scale scores on NAEP Mathematics between 1992 and 2015.
- In 2015, Florida’s White, Hispanic and Black Grade 4 public school students scored significantly higher on NAEP Mathematics than their national counterparts. This was an improvement from 2013 for Florida’s White students when their scores were not significantly different from the Nation’s.
- Between 2013 and 2015, the NAEP Mathematics average scale scores of Florida’s White, Hispanic and Black Grade 4 public school students did not change significantly; however, the Nation’s White students had a significant decrease in their average scale score.
- Between 1992 and 2015, the gains in the average scale scores of Florida’s Grade 4 White and Black public school students on NAEP Mathematics were significantly greater than the Nation’s. There were no significant differences in the changes of the Nation’s and Florida’s Hispanic students between 1992 and 2015.

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

	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. 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), 2015 Mathematics Assessment.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2015. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Average Scale Scores.

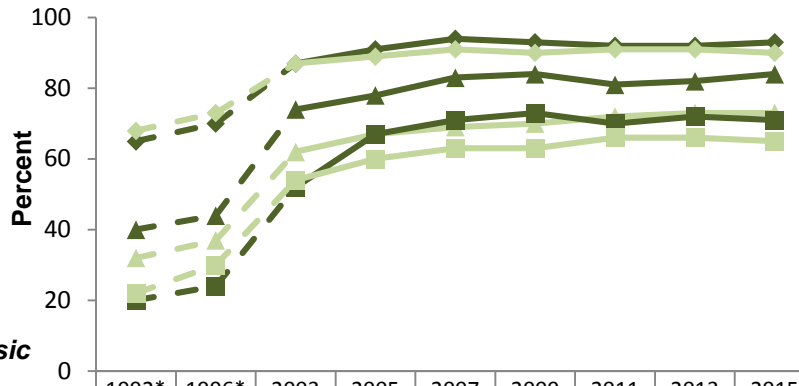
1992–2015 NAEP Mathematics, Grade 4

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* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



	1992*	1996*	2003	2005	2007	2009	2011	2013	2015
Florida White	65	70	87	91	94	93	92	92	93
National Public White	68	73	87	89	91	90	91	91	90
Florida Hispanic	40	44	74	78	83	84	81	82	84
National Public Hispanic	32	37	62	67	69	70	72	73	73
Florida Black	20	24	52	67	71	73	70	72	71
National Public Black	22	30	54	60	63	63	66	66	65

*Accommodations not offered.

- Between 1992 and 2015, there were significant gains in the percentages of both Florida’s and the Nation’s White, Hispanic and Black Grade 4 public school students performing at or above *Basic* on NAEP Mathematics.
- Florida’s percentage of White Grade 4 public school students performing at or above *Basic* on NAEP Mathematics improved from being not significantly different than the Nation’s percentage in 2011 and 2013 to significantly higher in 2015. Florida’s percentage of Black students scoring at or above *Basic* went from being significantly higher than the Nation’s in 2013 to not significantly different in 2015. Florida’s Hispanic percentages have been significantly higher than those of their national counterparts since 2003.
- Between 2013 and 2015, the Nation’s White Grade 4 public school students had a significant decrease in the percentage of students scoring at or above *Basic* on NAEP Mathematics. Florida’s percentages of White, Hispanic and Black students scoring at or above *Basic* did not change significantly between 2013 and 2015.
- Between 1992 and 2015, Florida’s gains in the percentage of White Grade 4 public school students performing at or above *Basic* on NAEP Mathematics was significantly greater than the Nation’s. The gains in the percentages of Florida’s and the Nation’s Hispanic and Black students between 1992 and 2015 were not significantly different.

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

	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. Accommodations were not permitted prior to 1998.

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.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2015. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

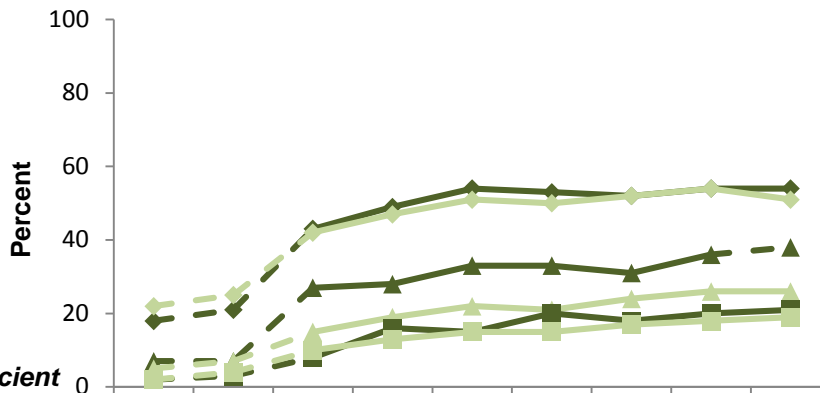
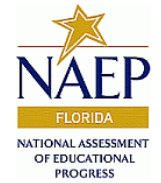
1992–2015 NAEP Mathematics, Grade 4

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* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



at or above *Proficient*

	1992*	1996*	2003	2005	2007	2009	2011	2013	2015
Florida White	18	21	43	49	54	53	52	54	54
National Public White	22	25	42	47	51	50	52	54	51
Florida Hispanic	7	7	27	28	33	33	31	36	38
National Public Hispanic	5	7	15	19	22	21	24	26	26
Florida Black	2	3	8	16	15	20	18	20	21
National Public Black	2	4	10	13	15	15	17	18	19

*Accommodations not offered.

- There were significant gains in the percentages of both Florida’s and the Nation’s White, Hispanic and Black Grade 4 public school students performing at or above *Proficient* on NAEP Mathematics between 1992 and 2015.
- Florida’s percentage of Hispanic Grade 4 public school students performing at or above *Proficient* on NAEP Mathematics continued to be significantly higher than their national counterparts while Florida’s White and Black percentages remained not significantly different than their national counterparts.
- Between 2013 and 2015, the Nation’s White Grade 4 public school students had a significant decrease in the percentage of students scoring at or above *Proficient* on NAEP Mathematics. The achievement level percentages of Florida’s White, Hispanic and Black students and the Nation’s Hispanic and Black students did not change significantly between 2013 and 2015.
- Between 1992 and 2015, the gain in the percentage of Florida’s Hispanic Grade 4 public school students performing at or above *Proficient* on NAEP Mathematics was significantly greater than the gain of their national counterparts. There were no significant differences between the changes in Florida’s and the Nation’s White and Black students between 1992 and 2015 performing at or above *Proficient*.

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

	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. 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), 2015 Mathematics.

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, Florida. Years: 1992-2015. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

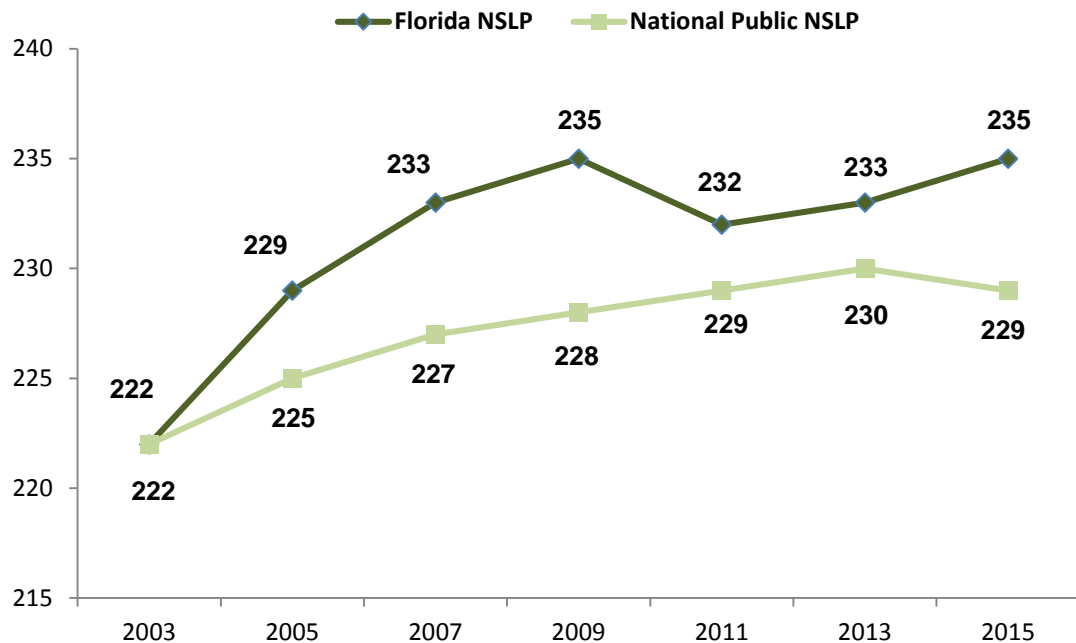
2003–2015 NAEP Mathematics, Grade 4

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* 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 2015.
- Beginning in 2005, Florida’s Grade 4 public school students eligible for the NSLP have continued to score significantly higher than their national counterparts on NAEP Mathematics.
- The NAEP Mathematics average scale score for the Nation’s public school students eligible for the NSLP decreased significantly between 2013 and 2015. Florida’s scores did not change significantly between the two years.
- Between 2003 and 2015, the gains in average scale scores of Florida’s Grade 4 public school students eligible for the NSLP on NAEP Mathematics were significantly greater than the Nation’s.

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

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

[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. 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 4

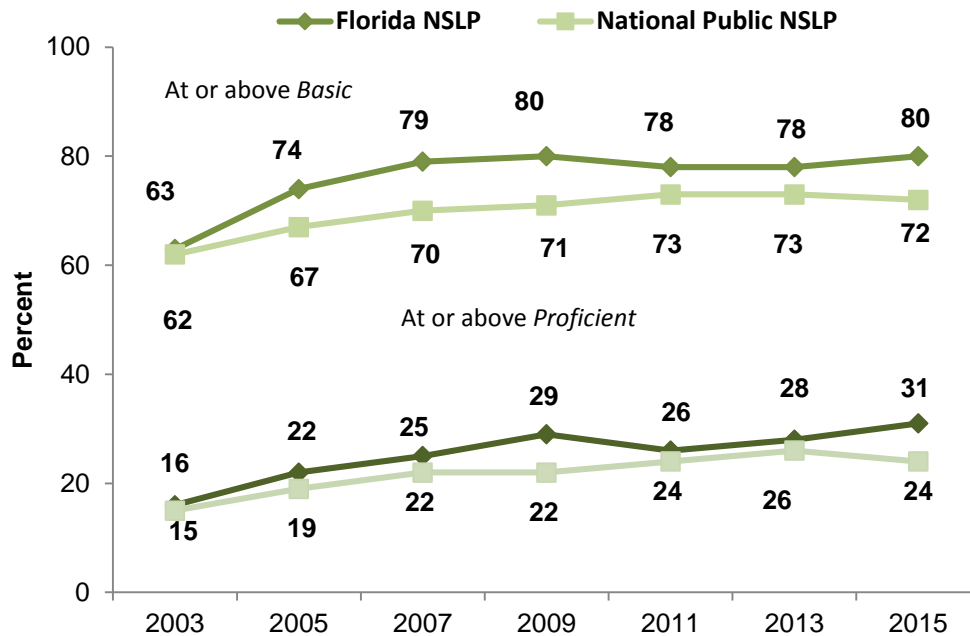
Florida (FL) vs. the National Public (NP)

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* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



- Between 2003 and 2015, 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.
- In 2015, Florida’s percentage of NSLP eligible Grade 4 public school students performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics were significantly higher than the Nation’s. This was an improvement from 2013 when Florida’s percentage of NSLP eligible students scoring at or above *Proficient* was not significantly different from the Nation’s.
- The percentage of the Nation’s NSLP eligible Grade 4 public school students scoring at or above *Proficient* on NAEP Mathematics decreased between 2013 and 2015 while Florida’s percentage did not change significantly between the two years. There were no significant changes in Florida’s or the Nation’s at or above *Basic* scores between 2013 and 2015.
- Between 2003 and 2015, the gains in the percentage of Florida’s Grade 4 public school students eligible for the NSLP performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics were significantly greater than the gains of their national counterparts.

Comparison of the percentages of FL’s and the NP’s students eligible for the 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 4. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: National School Lunch Program eligibility, 3 categories. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

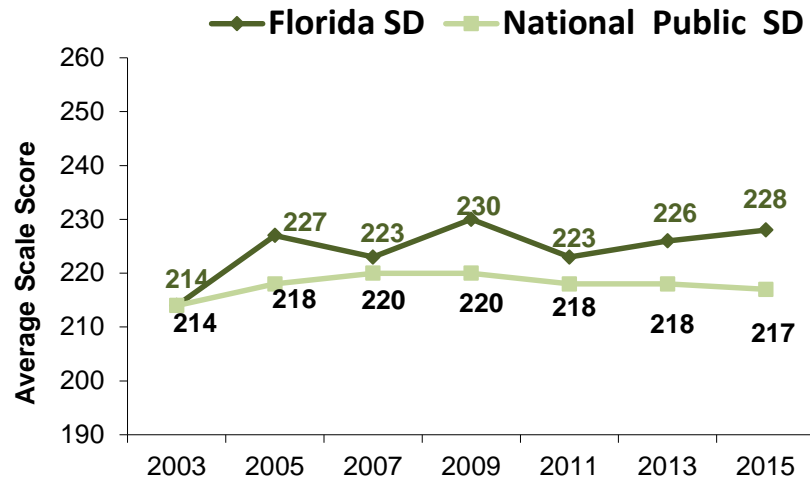
2003–2015 NAEP Mathematics, Grade 4

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* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 are classified as below *Basic*.



- 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 2015.
- Since 2009, Florida’s Grade 4 public school SD students have continued to score significantly higher than their national counterparts on NAEP Mathematics.
- Neither Florida’s nor the Nation’s Grade 4 public school SD students had significant changes in their NAEP Mathematics average scale scores between 2013 and 2015.
- Between 2003 and 2015, the gains in the average scale scores of Florida’s Grade 4 public school SD students on NAEP Mathematics were significantly greater than the gains of their national counterparts.

Comparison of the average scale score of FL’s and the NP’s SDs.

	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 4. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: Disability status of student, including those with 504 plan. Edit Reports: Statistics Options, Average Scale Scores.

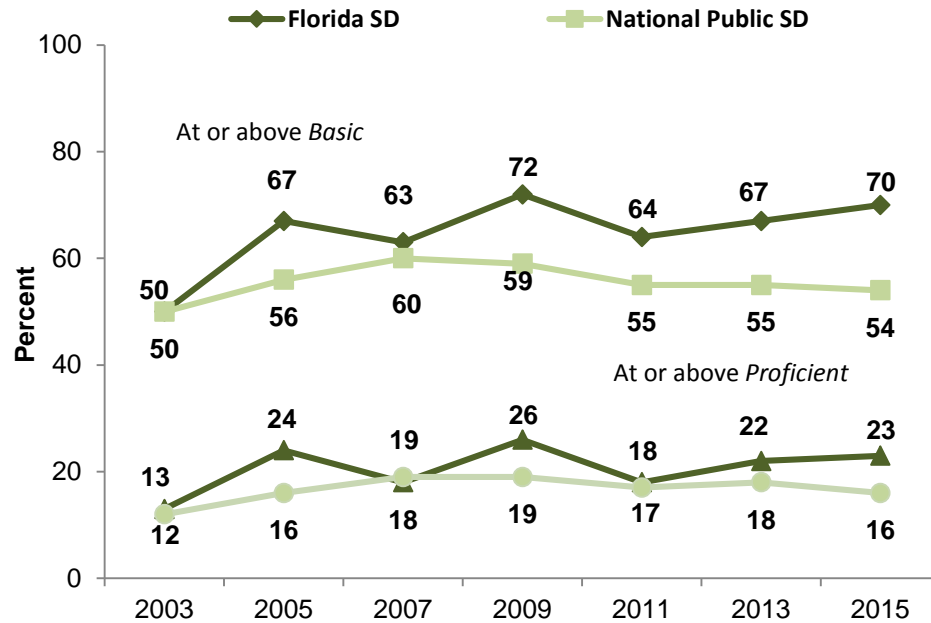
2003–2015 NAEP Mathematics, Grade 4

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* 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 Florida’s and the Nation’s Grade 4 public school students with disabilities (SD) performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics between 2003 and 2015.
- Since 2009, the percentages of Florida Grade 4 public school SD students performing at or above *Basic* on NAEP Mathematics has been greater than those of their national counterparts.
- Florida’s percentage of Grade 4 public school SD students performing at or above *Proficient* on NAEP Mathematics improved from being not significantly different from the Nation’s in 2013 to being significantly higher than the Nation’s in 2015.
- The Nation’s percentage of Grade 4 public school SD students performing at or above *Proficient* on NAEP Mathematics decreased significantly between 2013 and 2015. National SD at or above *Basic* percentages did not change significantly between the two years. Florida’s at or above *Basic* and at or above *Proficient* percentages did not change between 2013 and 2015.
- Between 2003 and 2015, the gains in the percentages of Florida’s Grade 4 public school SD students performing at or above *Basic* on NAEP Mathematics were significantly greater than those of their national counterparts. There was no significant difference in the changes of Florida’s and the Nation’s percentage of SD students performing at or above *Proficient* between 2003 and 2015.

Comparison of the percentages of FL’s and the NP’s SDs 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 4. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: Disability status of student, including those with 504 plan. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

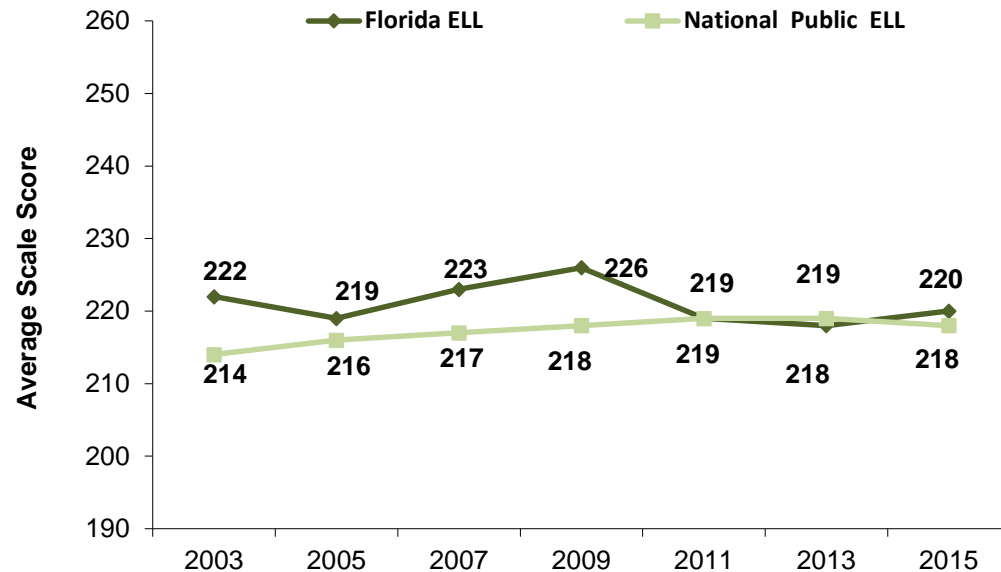
2003–2015 NAEP Mathematics, Grade 4

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* 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 significant gains in their average scale scores on NAEP Mathematics between 2003 and 2015. Florida’s two-point change between 2003 and 2015 was not significant.
- Since 2011, there has not been a significant difference between the average scale scores of Florida’s and the Nation’s Grade 4 public school ELLs on NAEP Mathematics. .
- Neither Florida’s nor the Nation’s ELLs had significant changes in their NAEP Mathematics average scale scores between 2013 and 2015.
- There was no significant difference between Florida’s and the Nation’s changes in Grade 4 public school ELL average scale scores on NAEP Mathematics 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 4. 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 4

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

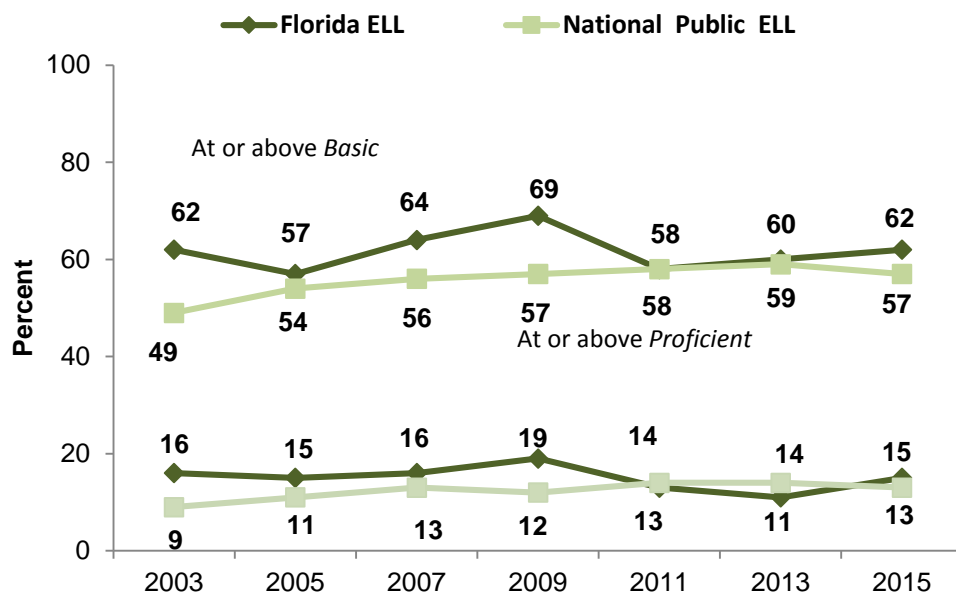
Achievement Levels: at or above *Basic* and at or above *Proficient*

English Language Learners (ELLs)



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

NAEP Cut Scores: *Basic* 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 2015. Florida’s percentages did not change significantly different between the two years.
- Since 2011, Florida’s percentages of Grade 4 public school ELLs performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics have been not significantly different from those of their national counterparts.
- Between 2013 and 2015, the percentages of both Florida’s and the Nation’s Grade 4 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 4 public school ELLs performing at or above *Basic* and at or above *Proficient* on NAEP Mathematics were not significantly different.

Comparison of the percentages 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

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 4. Jurisdictions: National Public, Florida. Years: 2003-2015. Variables: Variables: Status as English Language Learner, 2 categories. Edit Reports: Statistics Options, Achievement Levels, Cumulative.