

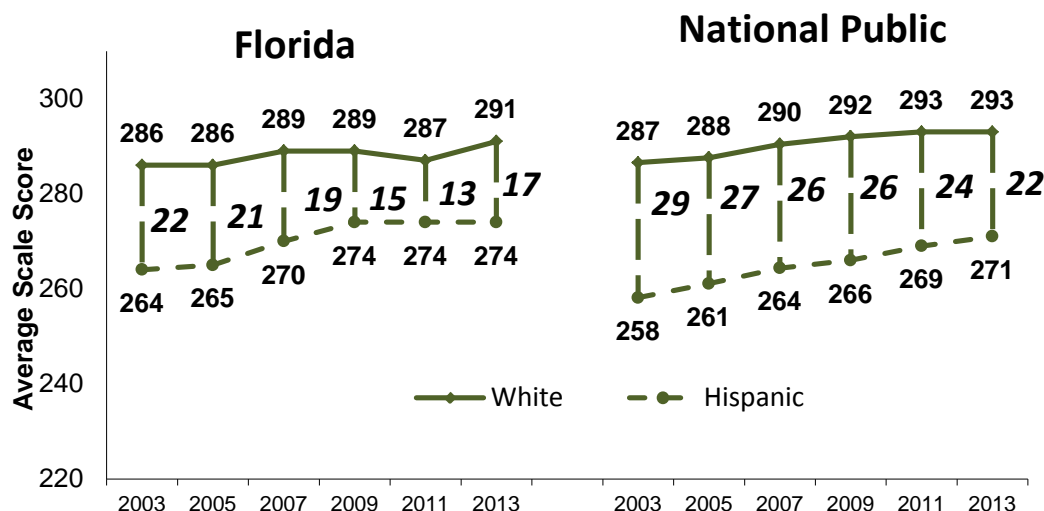
2003–2013 NAEP Mathematics, Grade 8 Florida vs. National Public Race/Ethnicity Average Scale Score Achievement Gains and Gaps



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

2003–2013 NAEP Cut Scores: *Basic* 262–298; *Proficient* 299–332; *Advanced* 333–500. Scores below 262 are classified as below *Basic*.

White and Hispanic Students



↑ Significantly higher, larger, increased or wider
 ↔ No significant difference or change
 ↓ Significantly lower, smaller, decreased or narrower

Average scale score – Florida (FL) compared to the nation (NP) by year

	2003	2005	2007	2009	2011	2013
White — FL vs. NP	↔	↔	↔	↓	↓	↔
Hispanic — FL vs. NP	↑	↑	↑	↑	↑	↑

Changes in average scale scores between 2003 and 2013

	White	Hispanic
Florida	↑ 5	↑ 10
National Public	↑ 6	↑ 13
FL Change Compared to NP Change	↔	↔

Gaps – Florida’s compared to the nation’s by year

	2003	2005	2007	2009	2011	2013
White/Hispanic Gap — FL vs. NP	↓	↓	↓	↓	↓	↓

Gaps – Changes between 2003 and 2013

	White/Hispanic
Florida	↔ 5
National Public	↓ 7
FL Gap Change Compared to NP Gap Change	↔

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 8. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Average Scale Scores.

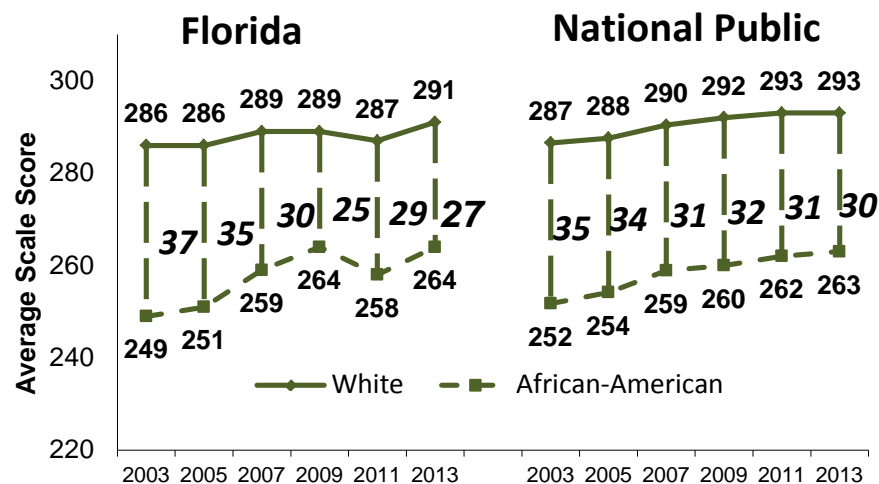
2003–2013 NAEP Mathematics, Grade 8 Florida vs. National Public Race/Ethnicity Average Scale Score Achievement Gains and Gaps



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

2003–2013 NAEP Cut Scores: *Basic* 262–298; *Proficient* 299–332; *Advanced* 333–500. Scores below 262 are classified as below *Basic*.

White and African-American Students



↑ Significantly higher, larger, increased or wider
 ↔ No significant difference or change
 ↓ Significantly lower, smaller, decreased or narrower

Average scale score – Florida (FL) compared to the nation (NP) by year

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

Changes in average scale scores between 2003 and 2013

	White	African-American
Florida	↑ 5	↑ 15
National Public	↑ 6	↑ 11
FL Change Compared to NP Change	↔	↔

Gaps – Florida’s compared to the nation’s by year

	2003	2005	2007	2009	2011	2013
White/African-American Gap – FL vs. NP	↔	↔	↔	↓	↔	↔

Gaps – Changes between 2003 and 2013

	White/African-American
Florida	↓10
National Public	↓5
FL Gap Change Compared to NP Gap Change	↔

Notes: Comparisons based on statistical tests (.05 level) using unrounded numbers that consider the magnitude of difference and standard errors. Score gaps are calculated based on differences between unrounded average scores.

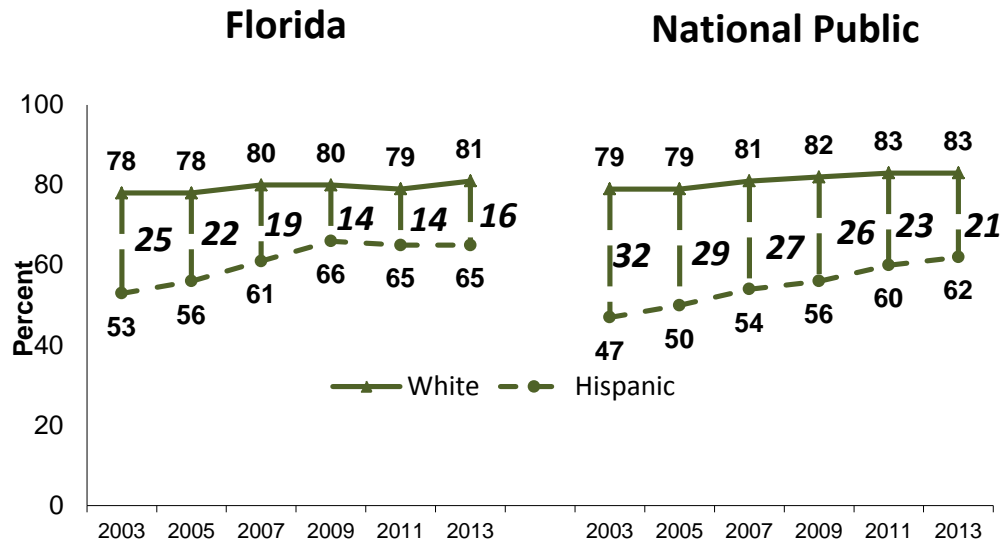
Source: U.S. Department of Education, Institute of Education Sciences, National Center of Education Statistics, National Assessment of Educational Progress (NAEP), 2013 Mathematics Assessment. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Average Scale Scores.

2003–2013 NAEP Mathematics, Grade 8 Florida vs. National Public Race/Ethnicity At or above *Basic* Achievement Gaps

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

2003–2013 NAEP Cut Scores: *Basic* 262–298; *Proficient* 299–332; *Advanced* 333–500. Scores below 262 are classified as below *Basic*.

White and Hispanic Students



↑ Significantly higher, larger, increased or wider
 ↔ No significant difference or change
 ↓ Significantly lower, smaller, decreased or narrower

Percent at or above *Basic* — Florida (FL) compared to the nation (NP) by year

	2003	2005	2007	2009	2011	2013
White — FL vs. NP	↔	↔	↔	↔	↓	↔
Hispanic — FL vs. NP	↑	↑	↑	↑	↑	↔

Changes in percent performing at or above *Basic* between 2003 and 2013

	White	Hispanic
Florida	↔ 3%	↑ 12%
National Public	↑ 4%	↑ 15%
FL Change Compared to NP Change	↔	↔

Gaps — Florida’s compared to the nation’s by year

	2003	2005	2007	2009	2011	2013
White/Hispanic Gap — FL vs. NP	↔	↓	↓	↓	↓	↓

Gaps — Changes between 2003 and 2013

	White/Hispanic
Florida	↔ 9%
National Public	↓ 11%
FL Gap Change Compared to NP Gap Change	↔

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), 2013 Mathematics Assessment.

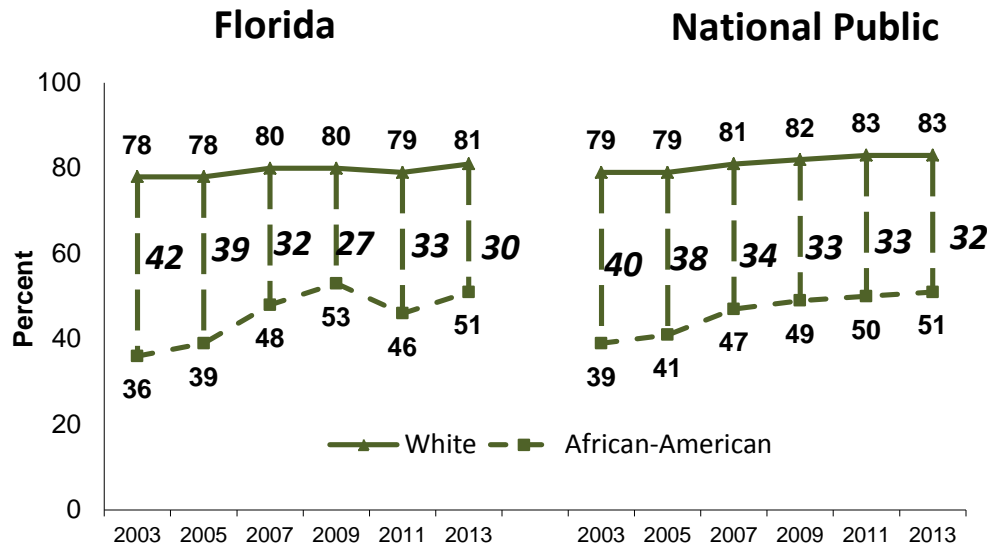
[NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, Florida. Years: 2003-2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

2003–2013 NAEP Mathematics, Grade 8 Florida vs. National Public Race/Ethnicity At or above *Basic* Achievement Gaps

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

2003–2013 NAEP Cut Scores: *Basic* 262–298; *Proficient* 299–332; *Advanced* 333–500. Scores below 262 are classified as below *Basic*.

White and African-American Students



↑ Significantly higher, larger, increased or wider
 ↔ No significant difference or change
 ↓ Significantly lower, smaller, decreased or narrower

Percent at or above *Basic* – Florida (FL) compared to the nation (NP) by year

	2003	2005	2007	2009	2011	2013
White — FL vs. NP	↔	↔	↔	↔	↓	↔
African-American — FL vs. NP	↔	↔	↔	↑	↓	↔

Changes in percent performing at or above *Basic* between 2003 and 2013

	White	African-American
Florida	↔ 3%	↑ 15%
National Public	↑ 4%	↑ 12%
FL Change Compared to NP Change	↔	↔

Gaps — Florida’s compared to the nation’s by year

	2003	2005	2007	2009	2011	2013
White/African-American Gap — FL vs. NP	↔	↔	↔	↓	↔	↔

Gaps — Changes between 2003 and 2013

	White/African-American
Florida	↓ 12%
National Public	↓ 8%
FL Gap Change Compared to NP Gap Change	↔

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), 2013 Mathematics Assessment.

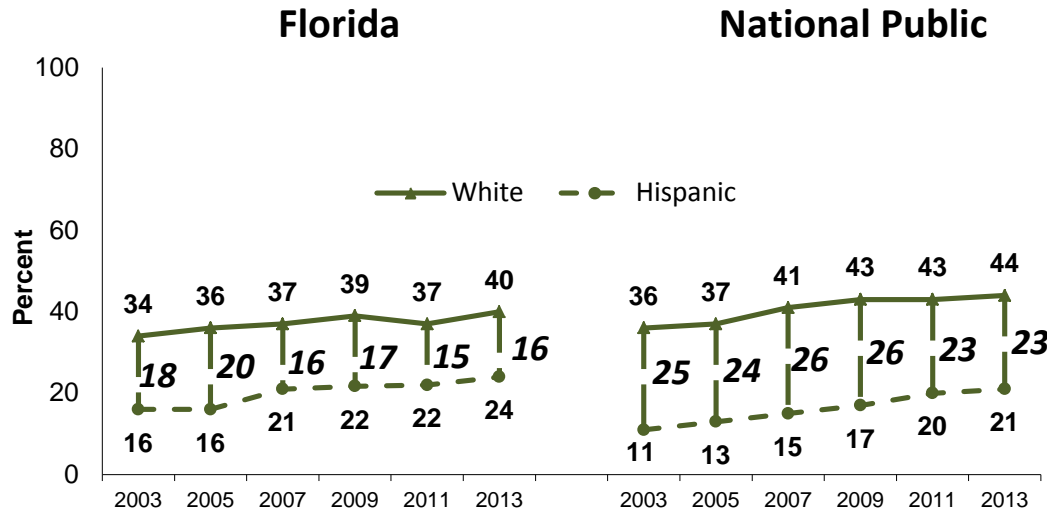
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2003–2013 NAEP Mathematics, Grade 8 Florida vs. National Public Race/Ethnicity At or above *Proficient* Achievement Gaps

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

2003–2013 NAEP Cut Scores: *Basic* 262–298; *Proficient* 299–332; *Advanced* 333–500. Scores below 262 are classified as below *Basic*.

White and Hispanic Students



- ↑ Significantly higher, larger, increased or wider
- ↔ No significant difference or change
- ↓ Significantly lower, smaller, decreased or narrower

Percent at or above *Proficient* – Florida (FL) compared to the nation (NP) by year

	2003	2005	2007	2009	2011	2013
White — FL vs. NP	↔	↔	↔	↔	↓	↓
Hispanic — FL vs. NP	↑	↔	↑	↑	↔	↑

Changes in percent performing at or above *Proficient* between 2003 and 2013

	White	Hispanic
Florida	↑ 6%	↑ 8%
National Public	↑ 8%	↑ 10%
FL Change Compared to NP Change	↔	↔

Gaps — Florida's compared to the nation's by year

	2003	2005	2007	2009	2011	2013
White/Hispanic Gap — FL vs. NP	↓	↔	↓	↓	↓	↓

Gaps — Changes between 2003 and 2013

	White/Hispanic
Florida	↔ 2%
National Public	↔ 2%
FL Gap Change Compared to NP Gap Change	↔

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), 2013 Mathematics Assessment.

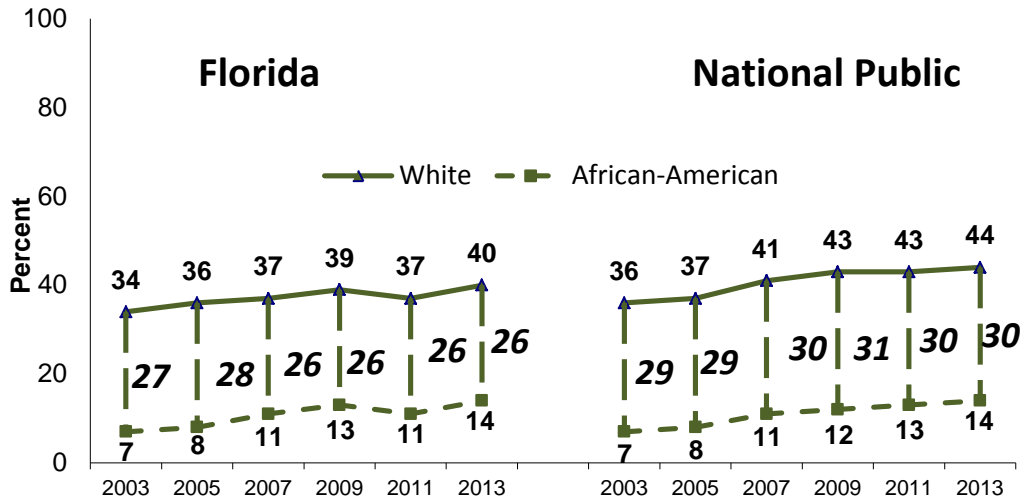
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2003–2013 NAEP Mathematics, Grade 8 Florida vs. National Public Race/Ethnicity At or above *Proficient* Achievement Gaps

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

2003–2013 NAEP Cut Scores: *Basic* 262–298; *Proficient* 299–332; *Advanced* 333–500. Scores below 262 are classified as below *Basic*.

White and African-American Students



↑ Significantly higher, larger, increased or wider
 ↔ No significant difference or change
 ↓ Significantly lower, smaller, decreased or narrower

Percent at or above *Proficient* – Florida (FL) compared to the nation (NP) by year

	2003	2005	2007	2009	2011	2013
White — FL vs. NP	↔	↔	↔	↔	↓	↓
African-American — FL vs. NP	↔	↔	↔	↔	↔	↔

Changes in percent performing at or above *Proficient* between 2003 and 2013

	White	African-American
Florida	↑ 6%	↑ 7%
National Public	↑ 8%	↑ 7%
FL Change Compared to NP Change	↔	↔

Gaps – Florida’s compared to the nation’s by year

	2003	2005	2007	2009	2011	2013
White/African-American Gap — FL vs. NP	↔	↔	↔	↔	↔	↔

Gaps – Changes between 2003 and 2013

	White/African-American
Florida	↔ 1%
National Public	↔ 1%
FL Gap Change Compared to NP Gap Change	↔

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), 2013 Mathematics Assessment.

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