

# NAEP 2013 Mathematics, Grade 8

## Cross-State Comparison of Overall Average Scale Scores

### All Students

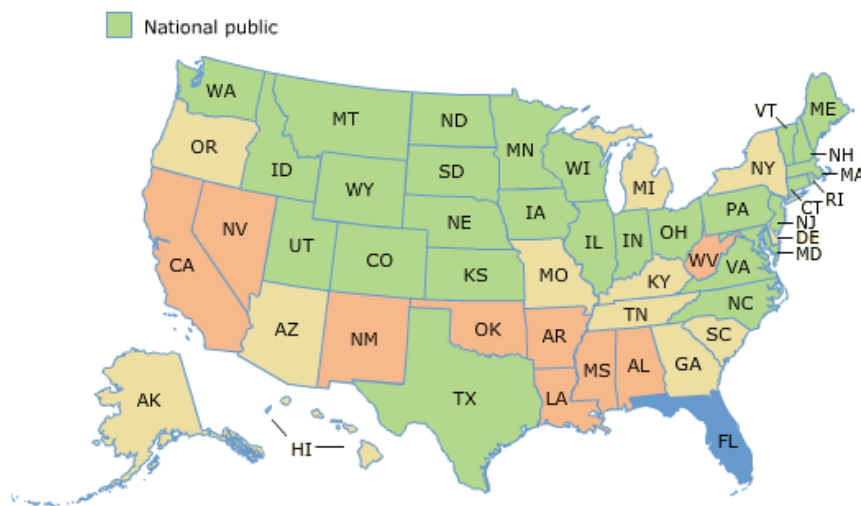


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

NAEP 1990–2013 Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

#### Legend

- Focal state/jurisdiction
- Has a higher average scale score than focal state/jurisdiction
- Is not significantly from the focal state/jurisdiction
- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



Florida’s grade 8 public school NAEP 2013 Mathematics average scale score of **281** compares to the nation and the other states as follows:

- **The following 9 states had significantly lower average scale scores than Florida’s:** Alabama, Arkansas, California, Louisiana, Mississippi, Nevada, New Mexico, Oklahoma, and West Virginia.
- **The following 12 states had average scale scores that were not significantly different from Florida’s:** Alaska, Arizona, Delaware, Georgia, Hawaii, Kentucky, Michigan, Missouri, New York, Oregon, South Carolina, and Tennessee.
- **The following 28 states and the national public had significantly higher average scale scores than Florida’s:** Colorado, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Maine, Maryland, Massachusetts, Minnesota, Montana, Nebraska, New Hampshire, New Jersey, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Texas, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming.

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. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, All States. Year: 2013. Variables: All Students. Edit Reports: Statistics Options, Average Scale Scores.

# NAEP 2013 Mathematics, Grade 8

## Cross-State Comparison of Average Scale Scores

### White Students

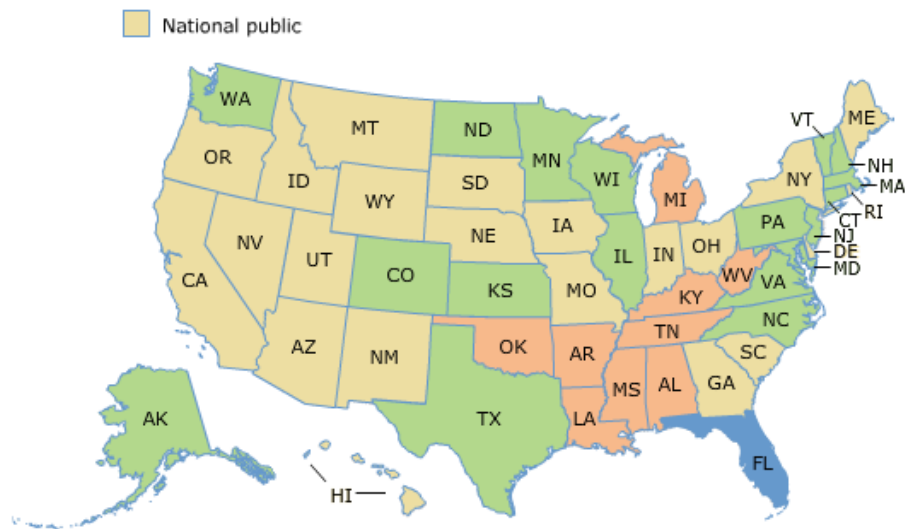


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

NAEP 1990–2013 Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

#### Legend

- Focal state/jurisdiction
- Has a higher average scale score than focal state/jurisdiction
- Is not significantly from the focal state/jurisdiction
- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



Florida’s grade 8 public school White students’ NAEP 2013 Mathematics average scale score of **291** compares to the nation and the other states as follows:

- **The following 9 states had significantly lower average scale scores than Florida’s:** Alabama, Arkansas, Kentucky, Louisiana, Michigan, Mississippi, Oklahoma, Tennessee, and West Virginia.
- **The following 22 states and the national public had average scale scores that were not significantly different from Florida’s:** Arizona, California, Delaware, Georgia, Hawaii, Idaho, Indiana, Iowa, Maine, Missouri, Montana, Nebraska, Nevada, New Mexico, New York, Ohio, Oregon, Rhode Island, South Carolina, South Dakota, Utah, and Wyoming.
- **The following 18 states had significantly higher average scale scores than Florida’s:** Alaska, Colorado, Connecticut, Illinois, Kansas, Maryland, Massachusetts, Minnesota, New Hampshire, New Jersey, North Carolina, North Dakota, Pennsylvania, Texas, Vermont, Virginia, Washington, and Wisconsin.

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. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, All States. Year: 2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Average Scale Scores.

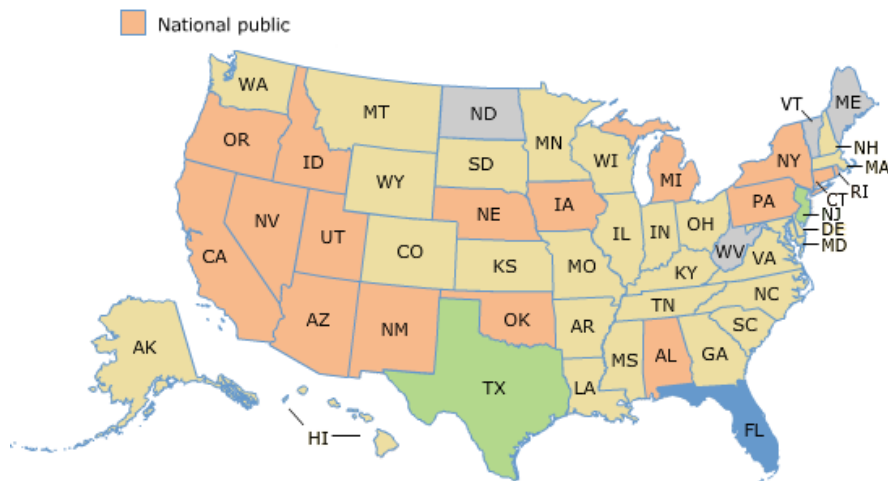
# NAEP 2013 Mathematics, Grade 8 Cross-State Comparison of Average Scale Scores Hispanic Students

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

NAEP 1990–2013 Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

## Legend

- Focal state/jurisdiction
- Has a higher average scale score than focal state/jurisdiction
- Is not significantly from the focal state/jurisdiction
- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



Florida’s grade 8 public school Hispanic students’ NAEP 2013 Mathematics average scale score of 274 compares to the nation and the other states as follows:

- **The following 16 states and the national public had significantly lower average scale scores than Florida’s:** Alabama, Arizona, California, Connecticut, Idaho, Iowa, Nebraska, Nevada, New Mexico, Michigan, New York, Oklahoma, Oregon, Pennsylvania, Rhode Island, and Utah.
- **The following 27 states had average scale scores that were not significantly different from Florida’s:** Alaska, Arkansas, Colorado, Delaware, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, New Hampshire, North Carolina, Ohio, South Carolina, South Dakota, Tennessee, Virginia, Washington, Wisconsin, and Wyoming.
- **The following 2 states had significantly higher average scale scores than Florida’s:** New Jersey and Texas.

The sample size in the following 4 states was not large enough to permit a reliable estimate: Maine, North Dakota, Vermont, and West Virginia.

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. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, All States. Year: 2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Average Scale Scores.

# NAEP 2013 Mathematics, Grade 8

## Cross-State Comparison of Average Scale Scores

### African-American Students



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

NAEP 1990–2013 Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

#### Legend

- Focal state/jurisdiction
- Has a higher average scale score than focal state/jurisdiction
- Is not significantly from the focal state/jurisdiction
- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



Florida’s grade 8 public school African-American students’ NAEP 2013 Math average scale score of **264** compares to the nation and the other states as follows:

- **The following 7 states had significantly lower average scale scores than Florida’s:** Alabama, Arkansas, Iowa, Michigan, Mississippi, Nebraska, and Wisconsin.
- **The following 32 states and the national public had average scales scores that were not significantly different from Florida’s:** Alaska, Arizona, California, Colorado, Connecticut, Delaware, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maine, Maryland, Minnesota, Missouri, Nevada, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Vermont, Virginia, Washington, and West Virginia.
- **The following 3 states had significantly higher average scale scores than Florida’s:** Massachusetts, New Jersey, and Texas.

The sample size in the following 7 states was not large enough to permit a reliable estimate: Hawaii, Idaho, Montana, New Hampshire, Oregon, Utah, and Wyoming.

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. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>.  
<http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, All States. Year: 2013.  
 Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Average Scale Scores.

# NAEP 2013 Mathematics, Grade 8

## Cross-State Comparison of at or above *Proficient* Achievement Level

### All Students

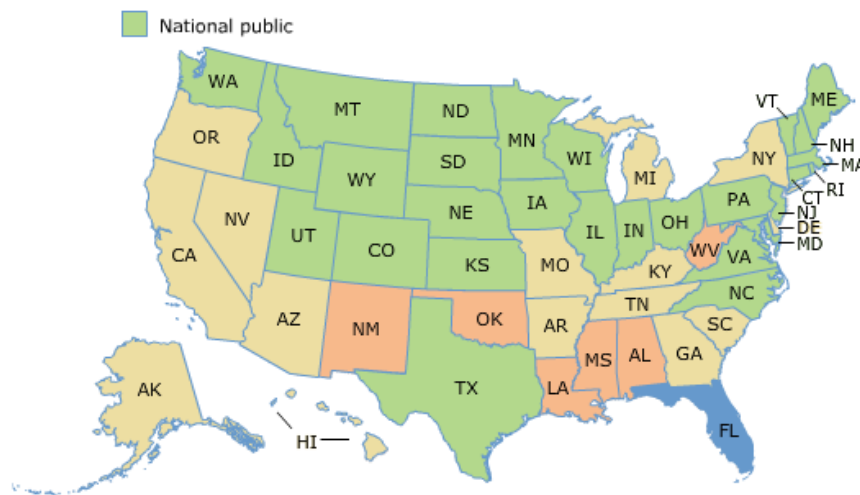


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

NAEP 1990–2013 Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

#### Legend

- Focal state/jurisdiction
- Has a higher average scale score than focal state/jurisdiction
- Is not significantly from the focal state/jurisdiction
- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



The percentage of Florida’s grade 8 public school students scoring at or above *Proficient* on NAEP 2013 Mathematics was **31%**. This percentage compares to the nation and the other states as follows:

- **The following 6 states had a significantly lower percentage of students performing at or above *Proficient* than Florida:** Alabama, Louisiana, Mississippi, New Mexico, Oklahoma, and West Virginia.
- **The following 15 states had a percentage of students performing at or above *Proficient* that was not significantly different from Florida’s:** Alaska, Arizona, Arkansas, California, Delaware, Georgia, Hawaii, Kentucky, Michigan, Missouri, Nevada, New York, Oregon, South Carolina, and Tennessee.
- **The following 28 states and the national public had a significantly higher percentage of students performing at or above *Proficient* than Florida:** Colorado, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Maine, Maryland, Massachusetts, Minnesota, Montana, Nebraska, New Hampshire, New Jersey, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Dakota, Texas, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming.

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. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, All States. Year: 2013. Variables: All Students. Edit Reports: Statistics Options, Achievement Levels, Cumulative.



# NAEP 2013 Mathematics, Grade 8

## Cross-State Comparison of at or above *Proficient* Achievement Level

### White Students



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

NAEP 1990–2013 Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

#### Legend

- Focal state/jurisdiction
- Has a higher average scale score than focal state/jurisdiction
- Is not significantly from the focal state/jurisdiction
- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



The percentage of Florida’s grade 8 public school White students scoring at or above *Proficient* on NAEP 2013 Mathematics was **40%**. This percentage compares to the nation and the other states as follows:

- **The following 8 states had a significantly lower percentage of students performing at or above *Proficient* than Florida:** Arkansas, Alabama, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and West Virginia.
- **The following 24 states and the national public had a percentage of students performing at or above *Proficient* that was not significantly different from Florida’s:** Arizona, California, Delaware, Georgia, Hawaii, Idaho, Indiana, Iowa, Maine, Michigan, Missouri, Montana, Nebraska, Nevada, New Mexico, New York, North Dakota, Ohio, Oregon, Rhode Island, South Carolina, South Dakota, Utah, and Wyoming.
- **The following 17 states had a significantly higher percentage of students performing at or above *Proficient* than Florida:** Alaska, Colorado, Connecticut, Illinois, Kansas, Maryland, Massachusetts, Minnesota, New Hampshire, New Jersey, North Carolina, Pennsylvania, Texas, Vermont, Virginia, Washington, and Wisconsin.

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. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, All States. Year: 2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

# NAEP 2013 Mathematics, Grade 8

## Cross-State Comparison of at or above *Proficient* Achievement Level

### Hispanic Students

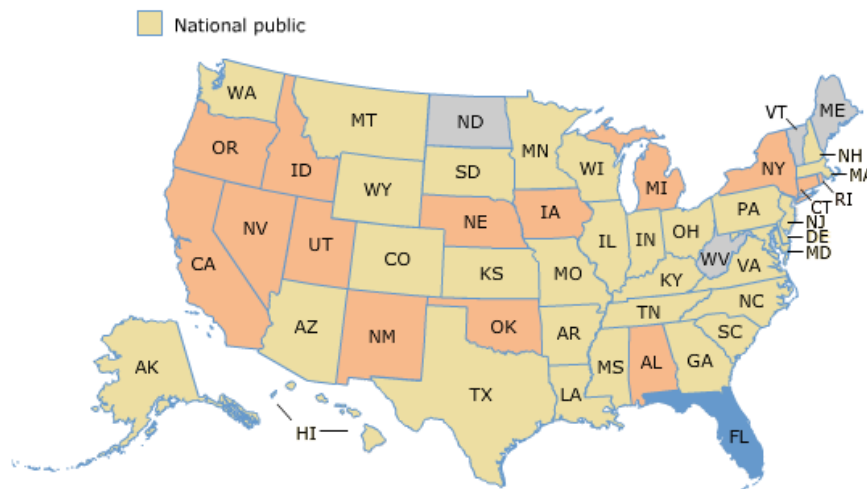


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

NAEP 1990–2013 Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

#### Legend

- Focal state/jurisdiction
- Has a higher average scale score than focal state/jurisdiction
- Is not significantly from the focal state/jurisdiction
- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



The percentage of Florida’s grade 8 public school Hispanic students scoring at or above *Proficient* on NAEP 2013 Mathematics was **24%**. This percentage compares to the nation and the other states as follows:

- **The following 14 states had a significantly lower percentage of students performing at or above *Proficient* than Florida:** Alabama, California, Connecticut, Idaho, Iowa, Michigan, Nebraska, Nevada, New Mexico, New York, Oklahoma, Oregon, Rhode Island, and Utah.
- **The following 31 states and the national public had a percentage of students performing at or above *Proficient* that was not significantly different from Florida’s:** Alaska, Arizona, Arkansas, Colorado, Delaware, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, New Hampshire, New Jersey, North Carolina, Ohio, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Virginia, Washington, Wisconsin, and Wyoming.
- **No state had a significantly higher percentage of students performing at or above *Proficient* than Florida.**

The sample size in the following 4 states was not large enough to permit a reliable estimate: Maine, North Dakota, Vermont, and West Virginia.

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. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, All States. Year: 2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

# NAEP 2013 Mathematics, Grade 8

## Cross-State Comparison of at or above *Proficient* Achievement Level

### African-American Students



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

NAEP 1990–2013 Cut Scores: *Basic* 262 to 298; *Proficient* 299 to 332; *Advanced* 333 to 500; scores below 262 are classified as below *Basic*.

#### Legend

- Focal state/jurisdiction
- Has a higher average scale score than focal state/jurisdiction
- Is not significantly from the focal state/jurisdiction
- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



The percentage of Florida’s grade 8 public school African-American students scoring at or above *Proficient* on NAEP 2013 Mathematics was **14%**. This percentage compares to the nation and the other states as follows:

- **The following 2 states had a significantly lower percentage of students performing at or above *Proficient* than Florida:** Alabama and Michigan.
- **The following 38 states and the national public had a percentage of students performing at or above *Proficient* that was not significantly different from Florida’s:** Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia and Wisconsin.
- **The following 2 states had a significantly higher percentage of students performing at or above *Proficient* than Florida:** Massachusetts and New Jersey.

The sample size in the following 7 states was not large enough to permit a reliable estimate: Hawaii, Idaho, Montana, New Hampshire, Oregon, Utah, and Wyoming.

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. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 8. Jurisdictions: National Public, All States. Year: 2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.