

NAEP 2013 Mathematics, Grade 4

Cross-State Comparison of Overall Average Scale Scores

All Students

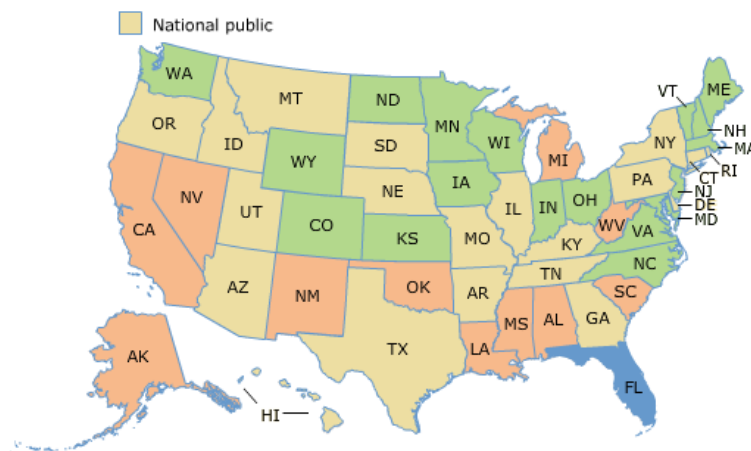


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

NAEP 2003–2013 Cut Scores: *Basic* 214 to 248; *Proficient* 249 to 281; *Advanced* 282 to 500; scores below 214 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 4 public school NAEP 2013 Mathematics average scale score of **242** compares to the nation and the other states as follows:

- **The following 11 states had significantly lower average scale scores than Florida’s:** Alabama, Alaska, California, Louisiana, Michigan, Mississippi, Nevada, New Mexico, Oklahoma, South Carolina, and West Virginia.
- **The following 20 states and the national public had average scale scores that were not significantly different from Florida’s:** Arizona, Arkansas, Connecticut, Delaware, Georgia, Hawaii, Idaho, Illinois, Kentucky, Missouri, Montana, Nebraska, New York, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, and Utah.
- **The following 18 states had significantly higher average scale scores than Florida’s:** Colorado, Indiana, Iowa, Kansas, Maine, Maryland, Massachusetts, Minnesota, New Hampshire, New Jersey, North Carolina, North Dakota, Ohio, 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 4. Jurisdictions: National Public, All States. Year: 2013. Variables: All Students. Edit Reports: Statistics Options, Average Scale Scores.

NAEP 2013 Mathematics, Grade 4

Cross-State Comparison of Average Scale Scores

White Students

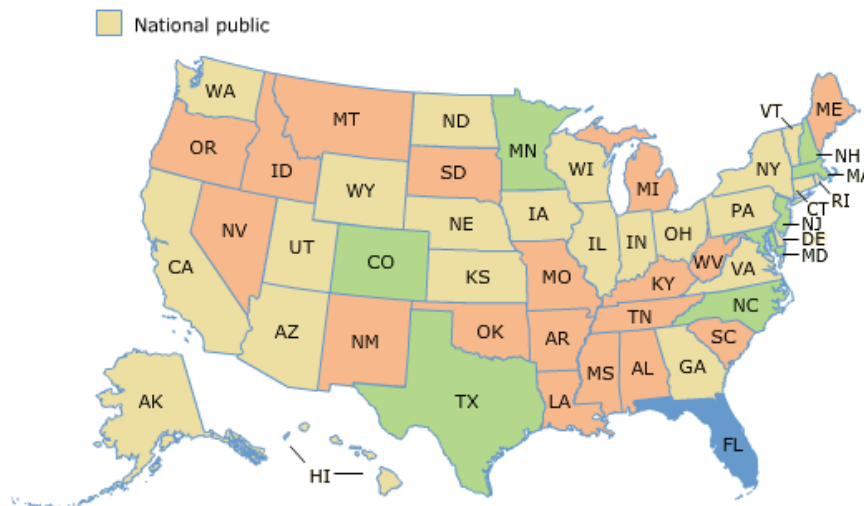


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

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

Legend

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- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



Florida’s grade 4 public school White students’ NAEP 2013 Mathematics average scale score of **251** compares to the nation and the other states as follows:

- **The following 18 states had significantly lower average scale scores than Florida’s:** Alabama, Arkansas, Idaho, Kentucky, Louisiana, Maine, Michigan, Mississippi, Missouri, Montana, Nevada, New Mexico, Oklahoma, Oregon, South Carolina, South Dakota, Tennessee, and West Virginia.
- **The following 23 states and the national public had average scale scores that were not significantly different from Florida’s:** Alaska, Arizona, California, Connecticut, Delaware, Georgia, Hawaii, Illinois, Indiana, Iowa, Kansas, Nebraska, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming.
- **The following 8 states had significantly higher average scale scores than Florida’s:** Colorado, Maryland, Massachusetts, Minnesota, New Hampshire, New Jersey, North Carolina, and Texas.

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 4. 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 4

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

Legend

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- Has a lower average scale score than focal state/jurisdiction
- Was not selected for comparison



Florida’s grade 4 public school Hispanic students’ NAEP 2013 Mathematics average scale score of 238 compares to the nation and the other states as follows:

- **The following 25 states and the national public had significantly lower average scale scores than Florida’s:** Alabama, Arizona, California, Colorado, Connecticut, Idaho, Illinois, Michigan, Mississippi, Nebraska, Nevada, New Jersey, New Mexico, New York, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Washington, and Wisconsin.
- **The following 21 states had average scale scores that were not significantly different from Florida’s:** Alaska, Arkansas, Delaware, Georgia, Hawaii, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Missouri, Montana, New Hampshire, North Carolina, North Dakota, Ohio, Virginia, and Wyoming.
- **No state had a significantly higher average scale score than Florida.**

The sample size in the following 3 states was not large enough to permit a reliable estimate: Maine, 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 4. 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 4

Cross-State Comparison of Average Scale Scores

African-American Students

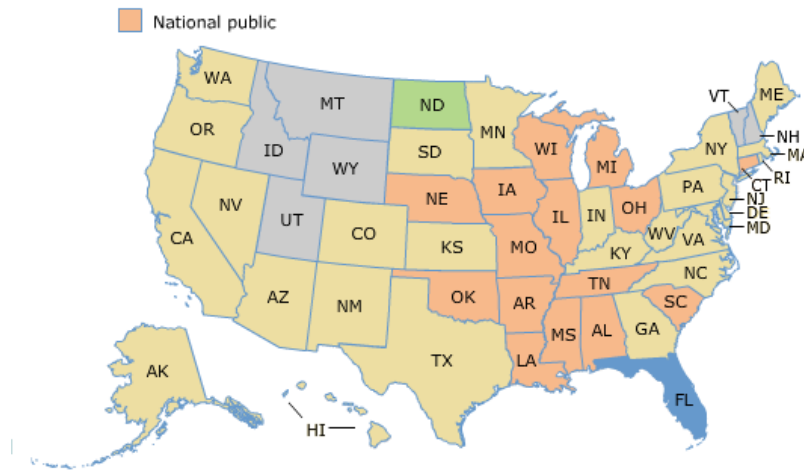


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

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

Legend

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Florida’s grade 4 public school African-American students’ NAEP 2013 Mathematics average scale score of **228** compares to the nation and the other states as follows:

- **The following 15 states and the national public had significantly lower average scale scores than Florida’s:** Alabama, Arkansas, Connecticut, Illinois, Iowa, Louisiana, Michigan, Mississippi, Missouri, Nebraska, Ohio, Oklahoma, South Carolina, Tennessee, and Wisconsin.
- **The following 27 states had average scale scores that were not significantly different from Florida’s:** Alaska, Arizona, California, Colorado, Delaware, Georgia, Hawaii, Indiana, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Nevada, New Jersey, New Mexico, New York, North Carolina, Oregon, Pennsylvania, Rhode Island, South Dakota, Texas, Virginia, Washington, and West Virginia.
- **The following state had a significantly higher average scale score than Florida’s:** North Dakota.

The sample size in the following 6 states was not large enough to permit a reliable estimate: Idaho, Montana, New Hampshire, Utah, Vermont, 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), 2011 Mathematics Assessment. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. 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 4

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

All Students

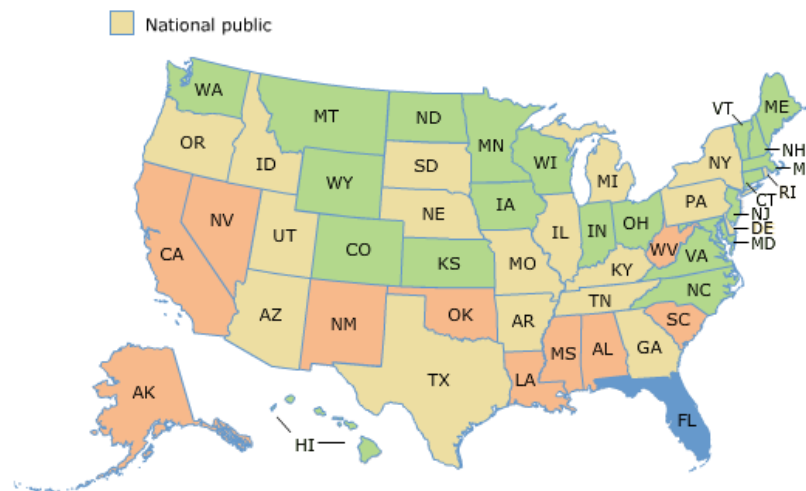


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

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

Legend

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The percentage of Florida’s grade 4 public school students scoring at or above *Proficient* on NAEP 2013 Mathematics was **41%**. This percentage compares to the nation and the other states as follows:

- **The following 10 states had a significantly lower percentage of students performing at or above *Proficient* than Florida:** Alabama, Alaska, California, Louisiana, Mississippi, Nevada, New Mexico, Oklahoma, South Carolina, and West Virginia.
- **The following 18 states and the national public had a percentage of students performing at or above *Proficient* that was not significantly different from Florida’s:** Arizona, Arkansas, Delaware, Georgia, Idaho, Illinois, Kentucky, Michigan, Missouri, Nebraska, New York, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Texas, and Utah.
- **The following 21 states had a significantly higher percentage of students performing at or above *Proficient* than Florida:** Colorado, Connecticut, Hawaii, Indiana, Iowa, Kansas, Maine, Maryland, Massachusetts, Minnesota, Montana, New Hampshire, New Jersey, North Carolina, North Dakota, Ohio, 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 4. Jurisdictions: National Public, All States. Year: 2013. Variables: All Students. Edit Reports: Statistics Options, Achievement Levels, Cumulative.

NAEP 2013 Mathematics, Grade 4

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

White Students

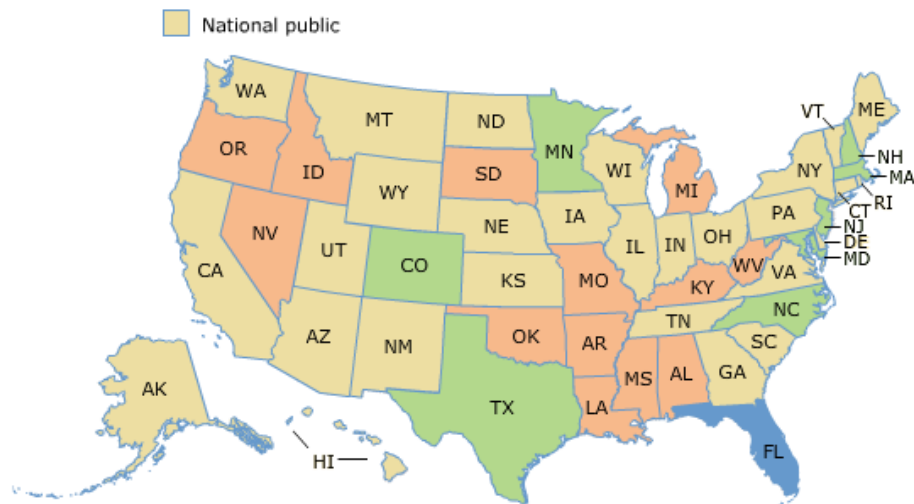


Scale scores range from 0 to 500 and serve as the basis for achievement levels.

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

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The percentage of Florida’s grade 4 public school White students scoring at or above *Proficient* on NAEP 2013 Mathematics was **54%**. This percentage compares to the nation and the other states as follows:

- **The following 13 states had a significantly lower percentage of students performing at or above *Proficient* than Florida:** Alabama, Arkansas, Idaho, Kentucky, Louisiana, Michigan, Mississippi, Missouri, Nevada, Oklahoma, Oregon, South Dakota, and West Virginia.
- **The following 28 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, California, Connecticut, Delaware, Georgia, Hawaii, Illinois, Indiana, Iowa, Kansas, Maine, Montana, Nebraska, New Mexico, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Utah, Vermont, Virginia, Washington, Wisconsin, and Wyoming.
- **The following 8 states had a significantly higher percentage of students performing at or above *Proficient* than Florida:** Colorado, Maryland, Massachusetts, Minnesota, New Hampshire, New Jersey, North Carolina, and Texas.

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 4. 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 4






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

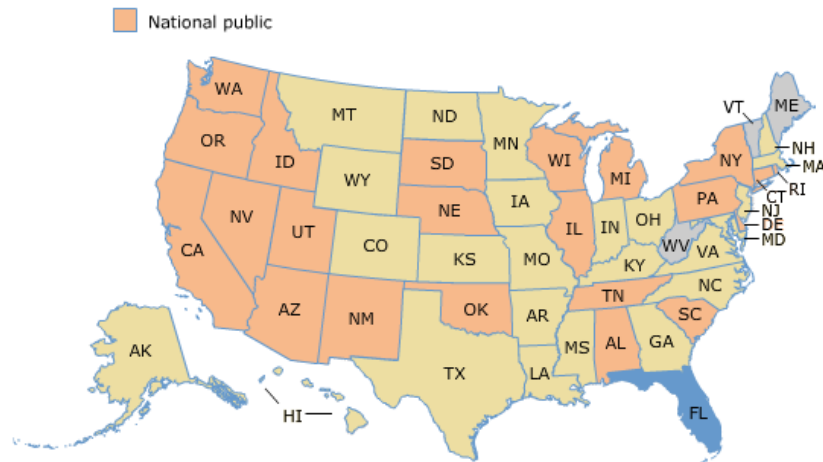
Hispanic Students

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

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-  Was not selected for comparison



The percentage of Florida's grade 4 public school Hispanic students scoring at or above *Proficient* on NAEP 2013 Mathematics was **36%**. This percentage compares to the nation and the other states as follows:

- **The following 22 states and the national public had a significantly lower percentage of students performing at or above *Proficient* than Florida:** Alabama, Arizona, California, Connecticut, Delaware, Idaho, Illinois, Michigan, Nebraska, Nevada, New Mexico, New York, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Washington, and Wisconsin.
- **The following 24 states had a percentage of students performing at or above *Proficient* that was not significantly different from Florida's:** Alaska, Arkansas, Colorado, Georgia, Hawaii, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, New Hampshire, New Jersey, North Carolina, North Dakota, Ohio, Texas, Virginia, and Wyoming.
- **No state had a significantly higher percentage of students performing at or above *Proficient* than Florida.**

The sample size in the following 3 states was not large enough to permit a reliable estimate: Maine, 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 4. 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 4

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

African-American Students

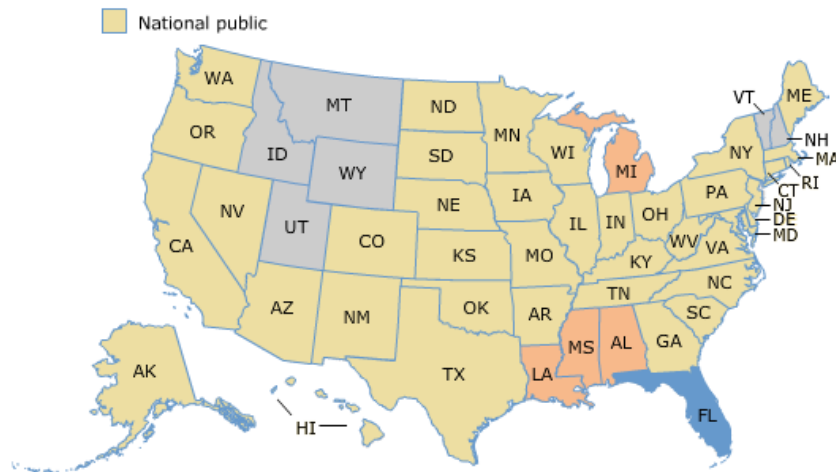


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- Was not selected for comparison



The percentage of Florida’s grade 4 public school African-American students scoring at or above *Proficient* on NAEP 2013 Mathematics was **20%**. This percentage compares to the nation and the other states as follows:

- **The following 4 states had a significantly lower percentage of students performing at or above *Proficient* than Florida:** Alabama, Louisiana, Michigan, and Mississippi.
- **The following 39 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, Hawaii, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Virginia, Washington, West Virginia, and Wisconsin.
- **No state had a significantly higher percentage of students performing at or above *Proficient* than Florida.**

The sample size in the following 6 states was not large enough to permit a reliable estimate: Idaho, Montana, New Hampshire, Utah, Vermont, 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), 2011 Mathematics Assessment. Visit Florida NAEP on the web at <http://www.fldoe.org/asp/naep/>. [NAEP Data Explorer](#) Search Criteria: Mathematics, Grade 4. Jurisdictions: National Public, All States. Year: 2013. Variables: Race/Ethnicity used to report trends, school-reported. Edit Reports: Statistics Options, Achievement Levels, Cumulative.