

## Chapter 8. State Indicators

### 8-1F Fourth Grade Mathematics Performance, Male Students

#### Description

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This indicator represents the average score in mathematics of each state's fourth grade public school students on the National Assessment of Educational Progress (NAEP). The NAEP mathematics assessment is a congressionally authorized measure of student performance that is conducted by the National Center for Education Statistics. It measures students' knowledge and skills in mathematics and their ability to apply that knowledge in the content areas of number properties and operations; measurement; geometry; data analysis, statistics, and probability; and algebra. Student performance is presented in terms of average scores on a scale from 0 to 500.

Approximately 180,000 fourth grade students in 7,540 schools participated in the 2013 NAEP mathematics assessment. All 50 states and the District of Columbia participated in the 2013 NAEP mathematics assessment. Students with disabilities or limited English-language proficiency were allowed to use certain accommodations (e.g., extra testing time or individual rather than group administration). All data presented here represent scores from tests taken with accommodations offered. Demographic percentages of test takers by state are included in this indicator's standard error table. For national data across all demographic groups, see indicator 8-1.

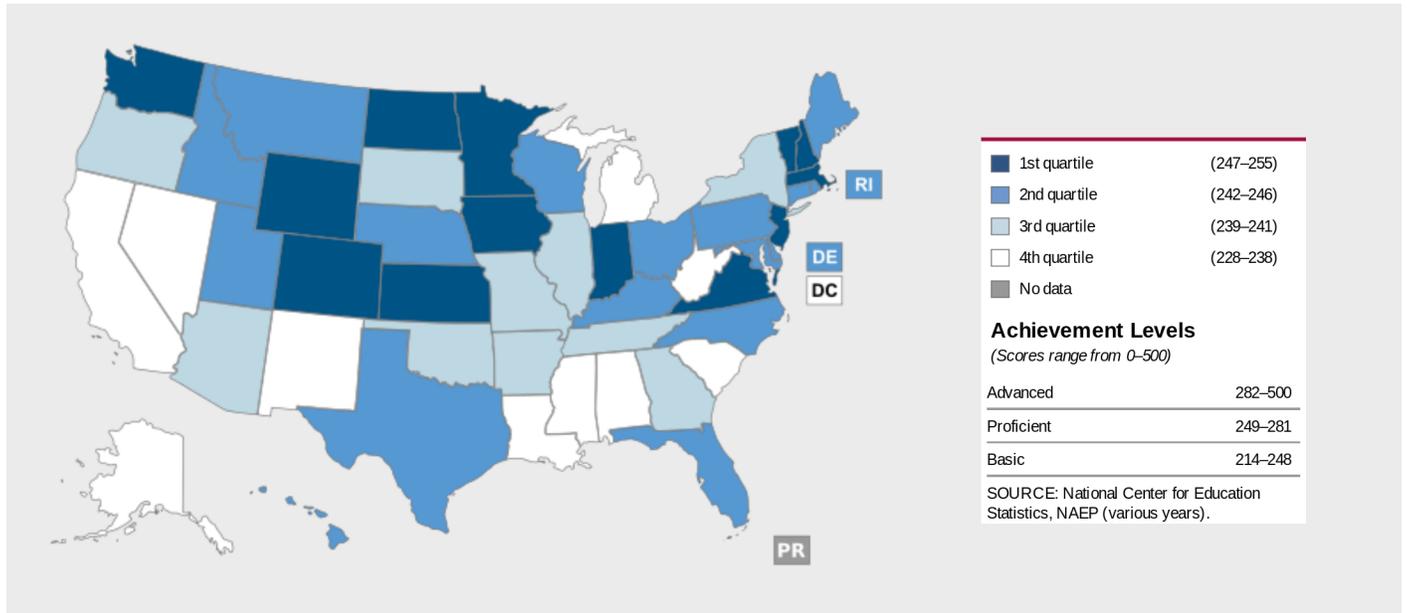
#### Findings

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- In 2013, the nationwide average mathematics score of male fourth grade students was 242, an increase from 235 in 2003. In 2013, the nationwide average mathematics score of fourth grade students was not significantly different at 241.
- Average mathematics scores varied significantly across the states, ranging from 231 to 255.
- None of the statewide averages were lower in 2013 than in 2003; almost all statewide averages were higher in 2013 than in 2003. Statewide averages for Alaska, Connecticut, Michigan, North Carolina and South Carolina were virtually the same in 2013 as in 2003.

## 8-1F Fourth Grade Mathematics Performance, Male Students

Year: 2013

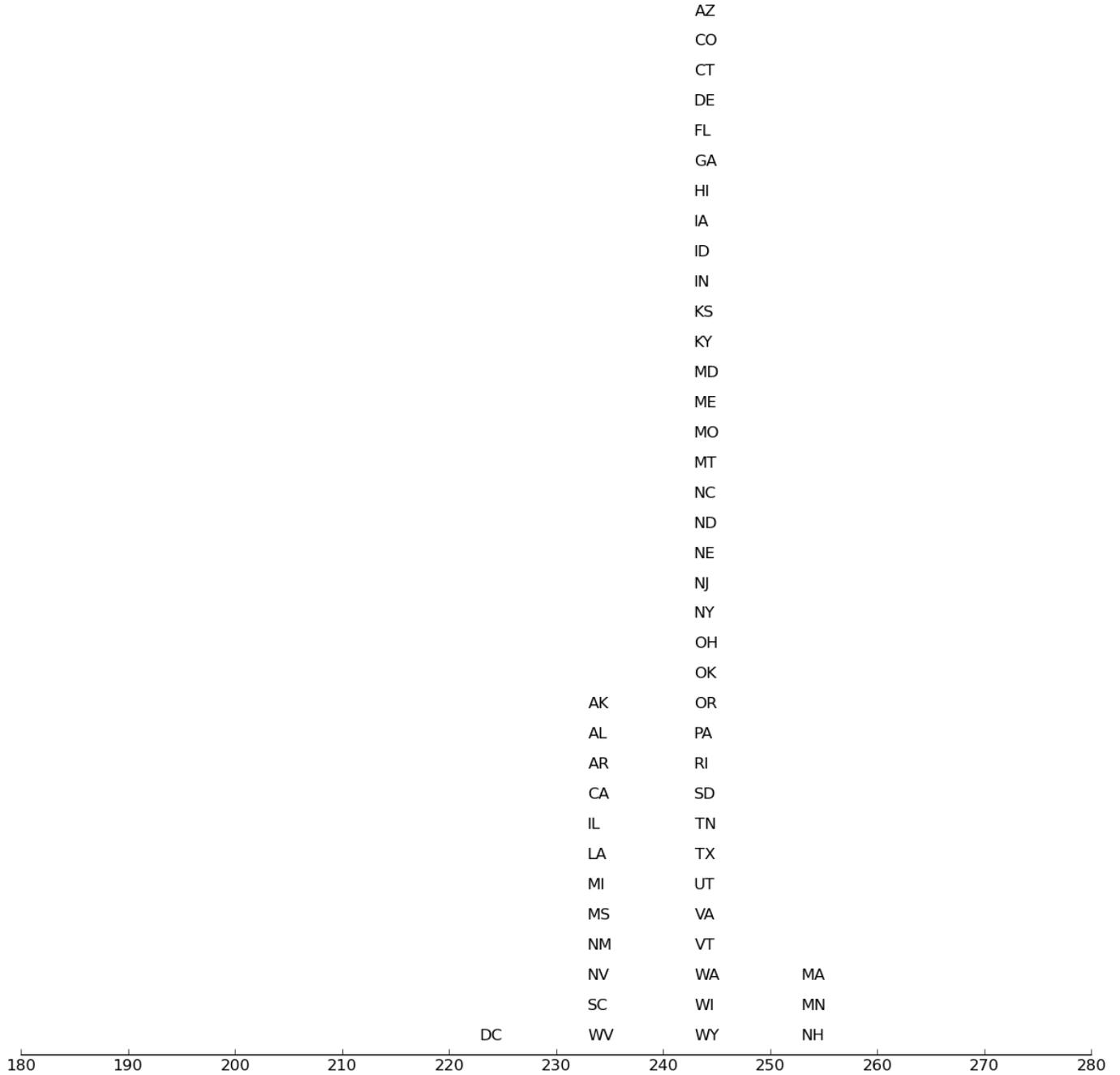


## 8-1F Fourth Grade Mathematics Performance, Male Students

Year: 2013

Distribution of states across indicator values

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## Chapter 8. State Indicators


**Table 8-1F Fourth Grade Mathematics Performance, Male Students**

State	4th grade math performance, male students (Score out of 500)						
	2000	2003	2005	2007	2009	2011	2013
United States	225	235	238	240	240	241	242
Alabama	216	223	225	229	228	231	233
Alaska	NA	235	236	238	238	237	237
Arizona	219	231	233	233	230	237	240
Arkansas	216	228	236	238	239	238	239
California	212	229	231	231	233	235	235
Colorado	NA	237	241	242	244	246	248
Connecticut	235	243	244	243	246	243	244
Delaware	NA	237	241	242	241	241	243
District of Columbia	191	204	212	213	218	220	228
Florida	NA	235	240	243	243	240	242
Georgia	220	231	234	236	237	238	241
Hawaii	215	227	229	233	235	238	242
Idaho	224	237	242	242	242	241	243
Illinois	224	234	234	239	240	240	239
Indiana	234	239	240	246	243	245	249
Iowa	233	240	242	244	243	244	247
Kansas	233	244	247	249	246	247	247
Kentucky	220	230	233	237	240	242	242
Louisiana	219	227	231	230	230	231	233
Maine	232	239	243	244	247	246	246
Maryland	223	235	240	242	244	248	246
Massachusetts	235	244	248	254	253	255	253
Michigan	230	238	240	238	238	238	237
Minnesota	236	244	247	249	251	250	254

4th grade math performance, male students (Score out of 500)

State	2000	2003	2005	2007	2009	2011	2013
Mississippi	210	223	227	228	227	229	231
Missouri	228	235	237	240	241	240	240
Montana	231	236	243	245	247	245	245
Nebraska	225	238	239	240	239	241	245
Nevada	221	229	231	233	236	238	237
New Hampshire	NA	246	247	250	252	252	255
New Jersey	NA	240	246	250	248	249	248
New Mexico	216	224	225	229	231	234	234
New York	227	237	240	244	242	238	241
North Carolina	230	243	242	243	244	245	245
North Dakota	231	240	244	248	247	246	247
Ohio	232	239	243	246	245	245	246
Oklahoma	225	230	235	238	238	237	240
Oregon	225	237	239	238	240	237	241
Pennsylvania	NA	238	241	245	245	247	244
Rhode Island	225	231	234	236	240	242	242
South Carolina	221	237	238	236	236	237	236
South Dakota	NA	239	243	242	243	242	241
Tennessee	221	228	233	234	232	233	240
Texas	233	239	244	243	241	241	242
Utah	227	236	240	241	241	244	244
Vermont	232	244	246	248	249	248	249
Virginia	232	240	242	245	245	247	247
Washington	NA	240	242	244	242	244	247
West Virginia	224	232	232	238	234	235	238
Wisconsin	S	238	242	245	245	245	245
Wyoming	230	242	244	244	243	245	247
Puerto Rico	NA						



4th grade math performance, male students (Score out of 500)

State	2000	2003	2005	2007	2009	2011	2013
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NA = not available; S = data are suppressed because reporting standards were not met.

SOURCE: National Center for Education Statistics, NAEP (various years).

NOTES: The National Assessment of Educational Progress (NAEP) scores are for public schools only. The national value for the United States is the reported value in the NAEP reports.

*Science and Engineering Indicators 2016*