

## Chapter 8. State Indicators

### 8-1D Fourth Grade Mathematics Performance, Asian and Pacific Islander 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.

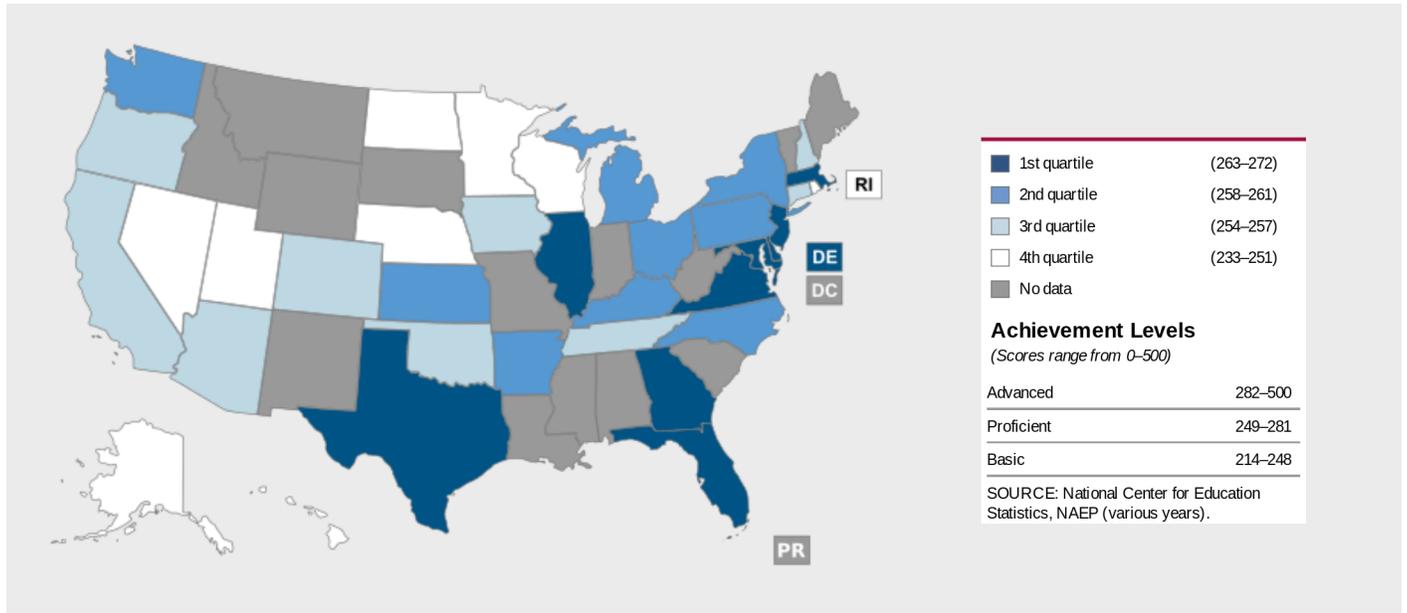
Approximately 180,000 fourth grade students, of whom 9,000 were Asian and Pacific Islander, participated in the 2013 NAEP mathematics assessment. All 50 states and the District of Columbia participated in the 2013 NAEP mathematics assessment. Students with disabilities or limited English-language proficiency 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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- Percentages of Asian and Pacific Islander test takers in 2013 varied on a state level from 1% to 69%. Nationally, in 2013, 5% of fourth grade mathematics test takers were Asian and Pacific Islander students compared with 4% in 2003.
- In 2013, the nationwide average mathematics score of Asian and Pacific Islander fourth grade students was 258, an increase from 246 in 2003. In 2013, the nationwide average mathematics score of fourth grade students was 241.
- Average mathematics scores varied significantly across the states, ranging from 233 to 272.
- 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, North Carolina, and Oregon were virtually the same in 2013 as in 2003.

**8-1D** Fourth Grade Mathematics Performance, Asian and Pacific Islander Students  
 Year: 2013

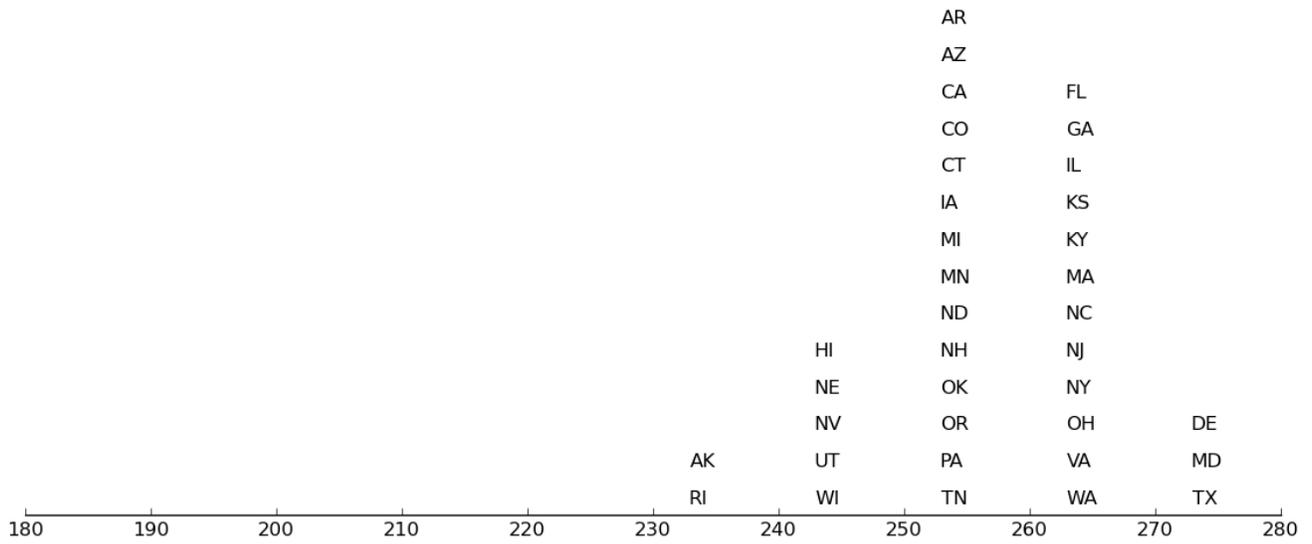


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Distribution of states across indicator values

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## Chapter 8. State Indicators


**Table 8-1D** Fourth Grade Mathematics Performance, Asian and Pacific Islander Students

4th grade math performance, Asian and Pacific Islander students (Score out of 500)							
State	2000	2003	2005	2007	2009	2011	2013
United States	S	246	251	254	255	256	258
Alabama	S	S	S	S	S	S	S
Alaska	NA	230	238	237	236	234	233
Arizona	S	244	241	253	245	249	256
Arkansas	S	S	S	236	S	247	258
California	221	246	249	251	257	256	254
Colorado	NA	242	242	247	246	246	255
Connecticut	239	249	253	255	257	255	257
Delaware	NA	250	260	261	258	262	270
District of Columbia	S	S	S	S	S	S	S
Florida	NA	249	259	255	261	257	264
Georgia	S	248	255	255	256	263	263
Hawaii	214	225	229	233	235	237	241
Idaho	S	S	S	S	S	247	S
Illinois	S	252	258	257	265	257	266
Indiana	S	S	S	S	S	S	S
Iowa	S	S	246	S	259	248	254
Kansas	S	S	262	260	258	253	261
Kentucky	S	S	S	S	265	261	260
Louisiana	S	S	S	S	S	S	S
Maine	S	S	S	S	S	246	S
Maryland	230	254	256	261	259	267	270
Massachusetts	237	248	258	259	264	267	266
Michigan	S	248	250	261	252	263	259
Minnesota	213	229	242	239	243	253	250

4th grade math performance, Asian and Pacific Islander students (Score out of 500)

State	2000	2003	2005	2007	2009	2011	2013
Mississippi	S	S	S	S	S	S	S
Missouri	S	S	S	S	255	252	S
Montana	S	S	S	S	S	S	S
Nebraska	S	S	S	S	251	241	243
Nevada	227	237	243	242	245	252	244
New Hampshire	NA	S	S	258	257	264	257
New Jersey	NA	256	264	267	261	265	267
New Mexico	S	S	S	S	S	254	S
New York	241	250	254	260	257	252	260
North Carolina	S	255	256	253	259	263	260
North Dakota	S	S	S	S	S	S	251
Ohio	S	S	S	S	S	254	260
Oklahoma	S	247	S	247	S	252	257
Oregon	236	245	248	249	245	249	256
Pennsylvania	NA	S	257	259	258	264	259
Rhode Island	217	225	240	244	242	251	239
South Carolina	S	S	S	S	S	S	S
South Dakota	NA	S	S	S	S	S	S
Tennessee	S	S	S	S	S	249	255
Texas	248	258	264	263	259	263	272
Utah	219	224	235	244	241	236	240
Vermont	S	S	S	S	S	S	S
Virginia	247	255	256	256	258	262	264
Washington	NA	244	245	250	253	256	260
West Virginia	S	S	S	S	S	S	S
Wisconsin	S	230	236	245	240	242	247
Wyoming	S	S	S	S	S	S	S
Puerto Rico	NA						

4th grade math performance, Asian and Pacific Islander 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. Asian and Pacific Islander includes Native Hawaiian.

*Science and Engineering Indicators 2016*