

## State Indicators

# S-5 Eighth Grade Mathematics Performance

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## Description

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This indicator represents the average score in mathematics of each state's eighth 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. The assessment 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.

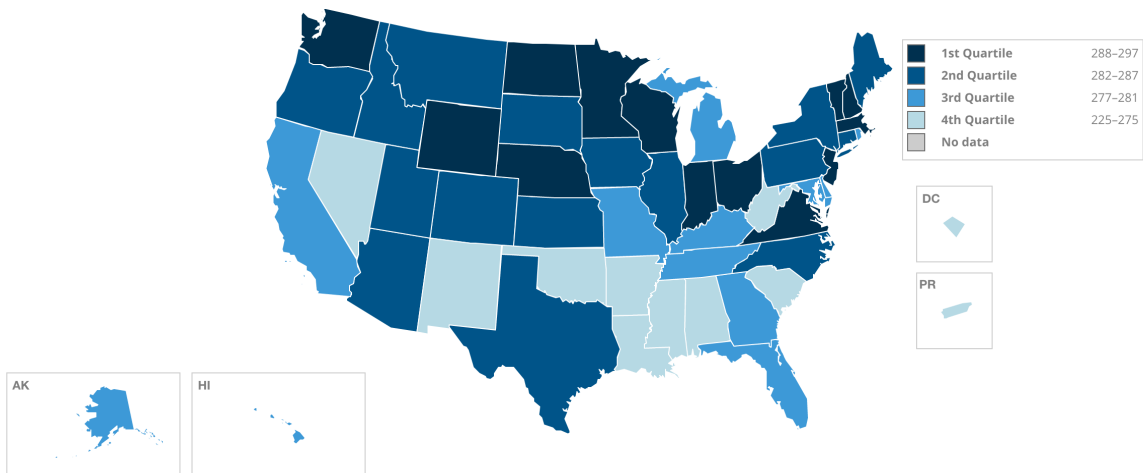
Not all students participate in NAEP assessments; a sample of schools and students is selected to represent each participating state. Hundreds of thousands of students from several thousand schools across the nation typically participate in the NAEP mathematics assessment. The results from the assessed students are combined to provide accurate estimates of the overall performance of students in the nation and in individual states and other jurisdictions. Students with disabilities or limited English language proficiency are 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.

Data source: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress.

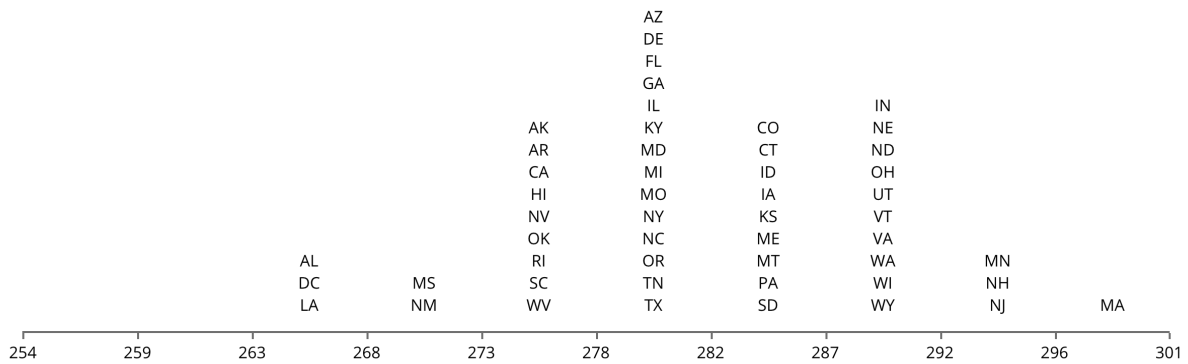
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## S-5 Eighth Grade Mathematics Performance

2017



### Distribution of states across indicator values, 2017



Histograms do not display states with extreme values. Please consult the data tables for exact indicator values for each state. State positions on the histogram are based on unrounded values of the indicator and may not always match the rounded values displayed in the table.

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(Score out of 500)

State	2000	2003	2005	2007	2009	2011	2013	2015	2017
United States	272	276	278	280	282	283	284	281	282
Alabama	264	262	262	266	269	269	269	267	268
Alaska	NA	279	279	283	283	283	282	280	277
Arizona	269	271	274	276	277	279	280	283	282
Arkansas	257	266	272	274	276	279	278	275	274
California	260	267	269	270	270	273	276	275	277
Colorado	NA	283	281	286	287	292	290	286	286
Connecticut	281	284	281	282	289	287	285	284	284
Delaware	NA	277	281	283	284	283	282	280	278
District of Columbia	235	243	245	248	254	260	265	263	266
Florida	NA	271	274	277	279	278	281	275	279
Georgia	265	270	272	275	278	278	279	279	281
Hawaii	262	266	266	269	274	278	281	279	277
Idaho	277	280	281	284	287	287	286	284	284
Illinois	275	277	278	280	282	283	285	282	282
Indiana	281	281	282	285	287	285	288	287	288
Iowa	NA	284	284	285	284	285	285	286	286
Kansas	283	284	284	290	289	290	290	284	285
Kentucky	270	274	274	279	279	282	281	278	278
Louisiana	259	266	268	272	272	273	273	268	267
Maine	281	282	281	286	286	289	289	285	284
Maryland	272	278	278	286	288	288	287	283	281
Massachusetts	279	287	292	298	299	299	301	297	297

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State	2000	2003	2005	2007	2009	2011	2013	2015	2017
Michigan	277	276	277	277	278	280	280	278	280
Minnesota	287	291	290	292	294	295	295	294	294
Mississippi	254	261	262	265	265	269	271	271	271
Missouri	271	279	276	281	286	282	283	281	281
Montana	285	286	286	287	292	293	289	287	286
Nebraska	280	282	284	284	284	283	285	286	288
Nevada	265	268	270	271	274	278	278	275	275
New Hampshire	NA	286	285	288	292	292	296	294	293
New Jersey	NA	281	284	289	293	294	296	293	292
New Mexico	259	263	263	268	270	274	273	271	269
New York	271	280	280	280	283	280	282	280	282
North Carolina	276	281	282	284	284	286	286	281	282
North Dakota	282	287	287	292	293	292	291	288	288
Ohio	281	282	283	285	286	289	290	285	288
Oklahoma	270	272	271	275	276	279	276	275	275
Oregon	280	281	282	284	285	283	284	283	282
Pennsylvania	NA	279	281	286	288	286	290	284	286
Rhode Island	269	272	272	275	278	283	284	281	277
South Carolina	265	277	281	282	280	281	280	276	275
South Dakota	NA	285	287	288	291	291	287	285	286
Tennessee	262	268	271	274	275	274	278	278	279
Texas	273	277	281	286	287	290	288	284	282
Utah	274	281	279	281	284	283	284	286	287
Vermont	281	286	287	291	293	294	295	290	288
Virginia	275	282	284	288	286	289	288	288	290
Washington	NA	281	285	285	289	288	290	287	289

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State	2000	2003	2005	2007	2009	2011	2013	2015	2017
West Virginia	266	271	269	270	270	273	274	271	273
Wisconsin	NA	284	285	286	288	289	289	289	288
Wyoming	276	284	282	287	286	288	288	287	289
Puerto Rico	NA	S	S	NA	NA	218	218	222	225

S = data are suppressed because reporting standards were not met  
 NA = not available

**Note(s):**  
 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 and does not include territories.

**Source(s):**  
 U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (various years), data as of May 2018.

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