

State Indicators

S-3 Fourth Grade Science Performance

Description

This indicator represents the average score in science of each state's fourth grade public school students on the National Assessment of Educational Progress (NAEP). The NAEP science 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 science and their ability to apply that knowledge in the content areas of physical, life, and earth and space sciences. The NAEP assessment in science was updated in 2009 to keep pace with key developments in science. Because they are based on a new framework, results from assessments beginning in 2009 cannot be compared with those from previous science assessments. Student performance is presented in terms of average scores on a scale from 0 to 300.

The NAEP program does not, and is not designed to, report on the performance of individual students or schools. Not all students participate in NAEP assessments; a sample of schools and students is selected to represent each participating state. Participation in the NAEP science assessment typically includes hundreds of thousands of students from several thousand schools across the nation. 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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(Score out of 300)

State	2009	2015
United States	149	153
Alabama	143	145
Alaska	NA	NA
Arizona	138	149
Arkansas	146	150
California	136	140
Colorado	155	NA
Connecticut	156	154
Delaware	153	150
District of Columbia	NA	NA
Florida	151	158
Georgia	144	152
Hawaii	140	146
Idaho	154	156
Illinois	148	151
Indiana	153	159
Iowa	157	159
Kansas	NA	154
Kentucky	161	160
Louisiana	141	NA
Maine	160	158
Maryland	150	153
Massachusetts	160	161



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State	2009	2015
Michigan	150	154
Minnesota	158	157
Mississippi	133	140
Missouri	156	155
Montana	160	159
Nebraska	NA	162
Nevada	141	142
New Hampshire	163	165
New Jersey	155	155
New Mexico	142	143
New York	148	150
North Carolina	148	154
North Dakota	162	161
Ohio	157	157
Oklahoma	148	153
Oregon	151	153
Pennsylvania	154	NA
Rhode Island	150	152
South Carolina	149	155
South Dakota	157	157
Tennessee	148	157
Texas	148	155
Utah	154	160
Vermont	NA	163
Virginia	162	165
Washington	151	158



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State	2009	2015
West Virginia	148	151
Wisconsin	157	156
Wyoming	156	161
Puerto Rico	NA	NA

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):
National Center for Education Statistics, National Assessment of Educational Progress (various years), data as of January 2017.

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Science and Engineering Indicators