

Appendix table 8-12

Average science NAEP scores and achievement-level results for male students in grades 4 and 8 in public schools, by state: 2009 and 2011

| State | 4th grade | | | 8th grade | | | | | |
|----------------------|-----------------------------|---------------------|--------------------------------|-----------------------------|---------------------|--------------------------------|-----------------------------|---------------------|--------------------------------|
| | 2009 | | | 2009 | | | 2011 | | |
| | Male 4th grade students (%) | Average scale score | Students \geq proficient (%) | Male 8th grade students (%) | Average scale score | Students \geq proficient (%) | Male 8th grade students (%) | Average scale score | Students \geq proficient (%) |
| United States | 51 | 149 | 34 | 51 | 151 | 32 | 51 | 153 | 34 |
| Alabama | 52 | 144 | 29 | 51 | 142 | 24 | 51 | 141 | 22 |
| Alaska | NA | NA | NA | NA | NA | NA | 51 | 154 | 35 |
| Arizona | 51 | 137 | 23 | 51 | 143 | 26 | 51 | 146 | 26 |
| Arkansas | 51 | 146 | 30 | 51 | 145 | 28 | 50 | 149 | 30 |
| California | 52 | 136 | 22 | 51 | 138 | 22 | 51 | 143 | 25 |
| Colorado | 51 | 156 | 40 | 51 | 158 | 39 | 51 | 162 | 44 |
| Connecticut | 51 | 156 | 42 | 51 | 157 | 38 | 50 | 156 | 38 |
| Delaware | 51 | 153 | 35 | 51 | 151 | 29 | 51 | 151 | 29 |
| District of Columbia | NA | NA | NA | NA | NA | NA | 49 | 110 | 8 |
| Florida | 50 | 151 | 33 | 50 | 148 | 28 | 51 | 150 | 31 |
| Georgia | 50 | 145 | 29 | 50 | 150 | 30 | 50 | 153 | 34 |
| Hawaii | 52 | 137 | 24 | 51 | 140 | 19 | 52 | 143 | 23 |
| Idaho | 50 | 154 | 37 | 51 | 160 | 42 | 51 | 162 | 42 |
| Illinois | 50 | 148 | 34 | 51 | 150 | 32 | 51 | 150 | 30 |
| Indiana | 51 | 153 | 36 | 51 | 155 | 35 | 50 | 157 | 38 |
| Iowa | 51 | 158 | 42 | 51 | 158 | 38 | 51 | 159 | 38 |
| Kansas | NA | NA | NA | NA | NA | NA | 51 | 159 | 41 |
| Kentucky | 51 | 161 | 46 | 51 | 159 | 37 | 51 | 158 | 37 |
| Louisiana | 52 | 141 | 26 | 49 | 141 | 22 | 51 | 144 | 25 |
| Maine | 51 | 161 | 44 | 51 | 160 | 38 | 51 | 162 | 40 |
| Maryland | 50 | 151 | 33 | 51 | 150 | 32 | 50 | 152 | 32 |
| Massachusetts | 50 | 162 | 47 | 50 | 162 | 44 | 51 | 164 | 47 |
| Michigan | 50 | 151 | 37 | 51 | 155 | 38 | 51 | 160 | 42 |
| Minnesota | 51 | 159 | 45 | 51 | 161 | 43 | 51 | 163 | 46 |
| Mississippi | 51 | 134 | 18 | 49 | 134 | 17 | 50 | 142 | 22 |
| Missouri | 52 | 155 | 40 | 51 | 158 | 38 | 51 | 158 | 39 |
| Montana | 51 | 160 | 43 | 51 | 165 | 47 | 51 | 166 | 49 |
| Nebraska | NA | NA | NA | NA | NA | NA | 51 | 158 | 40 |
| Nevada | 50 | 142 | 26 | 50 | 142 | 21 | 51 | 148 | 28 |
| New Hampshire | 52 | 163 | 47 | 51 | 164 | 44 | 51 | 165 | 46 |
| New Jersey | 51 | 156 | 41 | 51 | 156 | 37 | 51 | 157 | 38 |
| New Mexico | 51 | 142 | 25 | 50 | 147 | 24 | 51 | 147 | 25 |
| New York | 51 | 148 | 31 | 51 | 150 | 34 | 51 | 150 | 31 |
| North Carolina | 51 | 149 | 33 | 51 | 145 | 25 | 51 | 149 | 30 |
| North Dakota | 51 | 164 | 49 | 51 | 166 | 47 | 51 | 167 | 51 |
| Ohio | 50 | 159 | 45 | 51 | 161 | 41 | 51 | 161 | 43 |
| Oklahoma | 50 | 148 | 29 | 51 | 149 | 28 | 50 | 150 | 30 |
| Oregon | 52 | 151 | 34 | 51 | 156 | 37 | 51 | 157 | 38 |

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| State | 4th grade | | | 8th grade | | | | | |
|----------------|-----------------------------|---------------------|--------------------------------|-----------------------------|---------------------|--------------------------------|-----------------------------|---------------------|--------------------------------|
| | 2009 | | | 2009 | | | 2011 | | |
| | Male 4th grade students (%) | Average scale score | Students \geq proficient (%) | Male 8th grade students (%) | Average scale score | Students \geq proficient (%) | Male 8th grade students (%) | Average scale score | Students \geq proficient (%) |
| Pennsylvania | 52 | 156 | 41 | 50 | 157 | 39 | 51 | 155 | 38 |
| Rhode Island | 52 | 151 | 36 | 51 | 149 | 30 | 52 | 151 | 34 |
| South Carolina | 51 | 150 | 34 | 50 | 144 | 24 | 51 | 150 | 32 |
| South Dakota | 52 | 158 | 42 | 51 | 164 | 45 | 51 | 165 | 47 |
| Tennessee | 52 | 149 | 33 | 51 | 149 | 32 | 51 | 154 | 36 |
| Texas | 51 | 148 | 30 | 50 | 152 | 32 | 50 | 155 | 35 |
| Utah | 51 | 155 | 39 | 51 | 159 | 43 | 50 | 164 | 47 |
| Vermont | NA | NA | NA | NA | NA | NA | 51 | 165 | 47 |
| Virginia | 51 | 161 | 45 | 51 | 157 | 39 | 51 | 161 | 43 |
| Washington | 51 | 151 | 34 | 51 | 156 | 38 | 51 | 159 | 38 |
| West Virginia | 51 | 149 | 30 | 50 | 148 | 26 | 51 | 153 | 30 |
| Wisconsin | 52 | 157 | 41 | 51 | 160 | 43 | 51 | 162 | 44 |
| Wyoming | 52 | 157 | 38 | 51 | 162 | 42 | 51 | 163 | 42 |

NA = not available.

NAEP = National Assessment of Educational Progress.

NOTE: Data for 2011 for grade 4 are not available.

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

Science and Engineering Indicators 2014