### Indicators of elementary and secondary school mathematics and science education

(Topic and indicator)

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<th>Topic</th>
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| Student learning in mathematics and science | • Trends in fourth, eighth, and twelfth graders' mathematics performance through 2015  
• Eighth graders' technology and engineering literacy in 2014  
• Mathematics and science performance of first-time kindergarten students in the 2012–13 and 2013–14 school years  
• International comparisons of mathematics and science performance of students in grades 4, 8, and 12 in 2015  
• International comparisons of 15-year-olds' mathematics and science literacy in 2015 |
| Student coursetaking in mathematics and science | • Highest mathematics and science course enrollment of high school completers in 2013  
• Trends in participation and performance in the Advanced Placement program from 2006 to 2016 |
| Teachers of mathematics and science       | • Certification, experience, and salaries of U.S. mathematics and science teachers in 2012  
• International comparisons of teacher salaries in 2014 |
| Instructional technology and digital learning | • Review of emerging practices of instructional technology and online learning and their effects on student learning |
| Transitions to higher education           | • Trends in on-time high school graduation rates from 2011 to 2015  
• International comparisons of secondary school graduation rates in 2014  
• Immediate college enrollment from 1975 to 2013  
• High school students reporting plans for a postsecondary STEM major in 2013  
• High school students meeting college readiness benchmarks in 2016 |

STEM = science, technology, engineering, and mathematics.

*Science and Engineering Indicators 2018*