

# New report: The reach and impact of mathematical sciences

January 10 2013

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The Mathematical Sciences in 2025, a new report from the National Research Council, finds that the mathematical sciences are an increasingly integral component of many disciplines—including biology, medicine, the social sciences, business, advanced design, and climate studies. However, the expanding role of the mathematical sciences over the past 15 years has not been matched by a comparable increase in federal funding, and the number of federal agencies that provide significant support for this research is considerably smaller than the number that profit from it.

The report also looks at emerging trends in the mathematical sciences, including the impact of research and training on industry, innovation and [economic competitiveness](#), [national security](#), and other areas, and recommends how the National Science Foundation can adjust its portfolio of activities to improve the vitality and impact of the discipline. It identifies a number of ways in which the mathematical sciences community should adapt in order to make the most of emerging opportunities and prepare for changes in academic environments.

**More information:** The Mathematical Sciences in 2025 is available for immediate release at [www.nap.edu/catalog.php?record\\_id=15269](http://www.nap.edu/catalog.php?record_id=15269)

Provided by National Academy of Sciences

Citation: New report: The reach and impact of mathematical sciences (2013, January 10)  
retrieved 20 June 2024 from <https://phys.org/news/2013-01-impact-mathematical-sciences.html>

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