

Massachusetts

Federal Research Funding Statistics



A Brighter Future

NIH- and NSF-supported research drives discovery that transforms medicine, improves treatments, and will one day lead to cures. NIH and NSF funding is an investment in our country's future, reducing health care costs, supporting quality jobs, and increasing economic activity. No one knows what setbacks we will face, what medical breakthroughs and advances will go undiscovered if science funding is not maintained.

HEALTH AND DISCOVERY

- Basic science provides the foundation for biomedical research.
- Scientists cannot always predict where the next big idea will come from, or what the applications of today's research will be.

ECONOMIC GROWTH AND PROSPERITY

- Neurological illnesses and mental disorders cost the U.S. over **\$760 billion** a year. The only way to decrease these costs is to improve treatments.
- NIH funding led to the creation of over **400,000 quality jobs**.
- Every dollar from the NIH and NSF generates approximately **\$2 in economic output**.

THE FUTURE OF THE SCIENTIFIC ENTERPRISE

- Young scientists are moving to other careers due to stagnant funding. Only **3%** of NIH primary investigators are under 36, compared to **18% in 1982**.
- Private industry cannot pick up the slack. Even as public funding for research and development has stagnated over the past 10 years, **industry investment has dropped**.
- The scientific enterprise depends on **consistent funding**.

About SfN

With around 30,000 members, the Society for Neuroscience is the world's largest organization of scientists and physicians devoted to advancing understanding of the brain and nervous system.

BY THE NUMBERS

1648

SfN members in Massachusetts

\$558,913,000

NSF funding to
Massachusetts in FY 2020

\$3,295,948,531

NIH funding to
Massachusetts in FY 2020

ECONOMIC IMPACT

Last year, Massachusetts's research institutions benefited from **5654** NIH awards¹, which according to a recent study² supported **34907** jobs and represents an employment multiplier of **6.17**.

In FY 2020, **851** grants were awarded to investigators at more than **17** businesses, universities, and other research institutions in Massachusetts through the NSF.

¹NIH.gov, FY2020; ²United for Medical Research, FY2019

1969–2019

