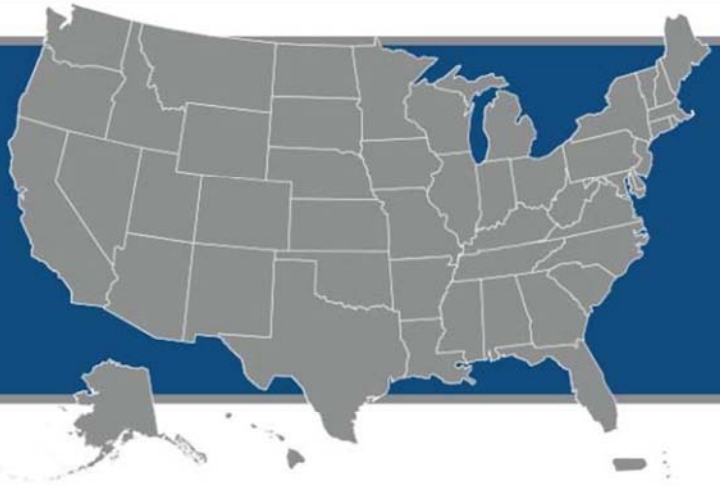
Maryland

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 over 37,000 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

2,268

SfN members in Maryland

$392,026,000

NSF funding to Maryland in FY 2018

$1,531,640,271

NIH funding to Maryland in FY 2019

ECONOMIC IMPACT

This year, Maryland's research institutions benefited from **2,508** NIH awards[1], which according to a recent study[2] supported **20,836** jobs and represents an employment multiplier of **12.13**.

In FY 2018, **481** grants were awarded to investigators at more than **49** businesses, universities, and other research institutions in Maryland through the NSF.

[1]NIH.gov, FY2019; [2]United for Medical Research, FY2018

1969–2019

SfN SOCIETY for NEUROSCIENCE | 50 CELEBRATING 50 YEARS