The National Institutes of Health (NIH) is vital to improving health, strengthening the economy, and investigating scientific frontiers. The $42.9 billion provided to NIH FY 2021 provided the agency with its strongest support since 2003. To continue building on the progress made possible by this increase, we urge Congress to appropriate at least $46.1 billion in FY 2022 to NIH, supplemented by the release of the full funds allocated in the 21st Century Cures Act.

Health and Discovery
NIH-supported research drives discovery that transforms medicine, improves treatments, and will one day lead to cures.

- NIH-funded basic (also called fundamental) science is unlocking mysteries with brain-related disorders. Today’s discoveries in the lab will pave the way for tomorrow’s treatments.
- More than 1,000 neurological and neurodegenerative diseases, such as schizophrenia, TBI, autism, and Parkinson’s disease, affect the lives of the nearly 100 million Americans.
- In the last five years of life, total healthcare spending for people with dementia was 57% percent greater than costs associated with death from other diseases, including cancer and heart disease.

Economic Growth and Prosperity
NIH funding is an investment in our country’s future and will reduce healthcare costs, support quality jobs, and increase economic activity.

- Neurological illnesses and mental disorders cost the U.S. more than $760 billion a year. The only way to decrease these costs is to improve prevention strategies and treatments.
- Every dollar of research money from the NIH generates approximately $2.21 in economic output.
- Eighty-five percent of NIH’s budget funds research located in every state, and it fuels almost 400,000 jobs and $69 billion in economic output nationwide.

The Future of the Scientific Enterprise
Many of today’s discoveries were unimaginable less than a decade ago and any budget cuts would threaten sustained progress. Without a continued commitment to research, who knows what medical advances will go undiscovered.

- The substantial lag time between discovery and profitability impacts business. Businesses need NIH research to explore fundamental science before they can translate these critical discoveries into applicable treatments.
- Without a strong workforce, we are jeopardizing the future of U.S. competitiveness. Young scientists are moving from research to other careers due to stagnant funding.
- The 2016 Global R&D Funding Forecast projected modest growth in U.S. R&D investments through 2028, and indicates, if current trends hold, China will surpass the U.S. in total R&D spending by about 2026.

NIH BY THE NUMBERS

$42.9 billion
NIH FY 2021 budget
83 percent
of the NIH budget invested through local research institutions
62,581
FY 2020 awards supported by NIH
50,000
researchers at NIH
2,500
research institutions are supported by NIH
68 percent
of Americans believe increasing NIH funding is critical.
Sources

8. NIH Awards by Location & Organization. The National Institutes of Health.
9. Rockey, S. Age Distribution of NIH Principal Investigators and Medical School Faculty. February 2012.

The Society for Neuroscience (SfN) is a nonprofit membership organization of around 30,000 scientists and physicians who study the brain and nervous system. Visit SfN.org or email advocacy@sfn.org to learn more.