The National Institutes of Health (NIH) is vital to improving health, strengthening the economy, and investigating scientific frontiers. The $41.7 billion provided to NIH FY 2020 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 $44.7 billion in FY 2021 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 the mysteries these 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 budget cuts would threaten that progress. Without a continued commitment to research, who knows what medical advances will go undiscovered.

- The substantial lag time between discovery and profitability means that businesses need NIH research to explore fundamental science before they can translate discoveries into practical treatments.
- Without a strong workforce, we are jeopardizing the future of U.S. competitiveness. Young scientists are moving to other careers due to stagnant funding.
- The 2016 Global R&D Funding Forecast projects modest growth in U.S. R&D investments through 2028, and indicates that, if current trends hold, China will surpass the U.S. in total R&D spending by about 2026.
Sources
7 In Your Own Backyard: How NIH Funding Helps Your State’s Economy. Families USA. June 2008.
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 over 37,000 scientists and physicians who study the brain and nervous system. Visit SfN.org or email advocacy@sfn.org to learn more.