

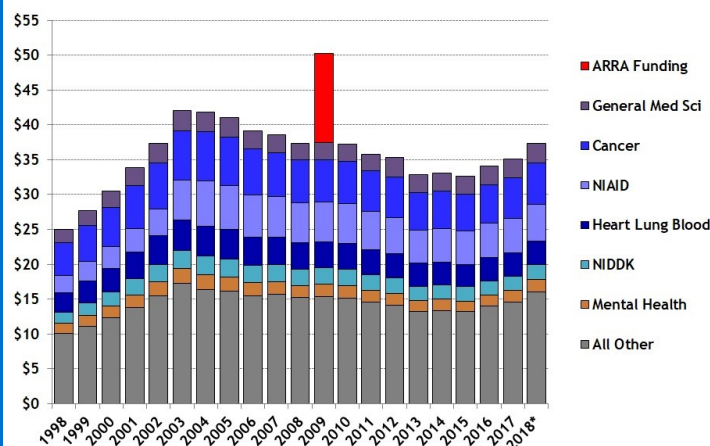


Association
of American
Universities
Inquiry · Innovation · Impact

National Institutes of Health (NIH)

Bioomedical research supported by the National Institutes of Health (NIH) and performed at research universities helps ensure U.S. leadership in the life sciences revolution of the 21st Century. Keeping NIH on a pathway to restore its purchasing power after a decade of loss to inflation and budget cuts is critical to sustaining the extraordinary progress in the improvement of human health of the past decades.

National Institutes of Health Budget, 1998-2018
budget authority in billions of constant FY 2018 dollars



*Note: FY 2018 figures are omnibus-enacted appropriations. Source: AAAS data, agency budget documents, and appropriations. Adjusted for biomedical R&D inflation rate (BRDPI). Excludes supplemental FY 2017 Zika proposal and FY 2015 Ebola funding. © 2018 AAAS

NIH Budget, 1998—2018; Source: AAAS

Sustained investment in biotechnology and genomics is crucial to the development of novel therapies for diseases, including: cancer, Alzheimer's, autism, and diabetes. Improved understanding of the molecular causes of disease is being used to screen thousands of chemicals for potential drug candidates and to generate less toxic cancer therapies tailored to the specific genetic profile of each patient's cancer.

**AAU urges Congress to
provide at least
\$39.3 billion for the
National Institutes
of Health in FY19**

The U.S. biomedical research enterprise is not only the world's biggest and best, it is also an economic powerhouse. In FY16, NIH research funding directly and indirectly supported 379,471 jobs nationwide. Thirteen states have 10,000 or more jobs supported by NIH research. Additionally, the income generated by these jobs and by the purchase of research-related equipment, services, and materials, when cycled through the economy, produced \$64.799 billion in new economic activity in 2016.

Source: United for Medical Research

***NIH research enhances public health,
lengthens life, and reduces illness
and disability. NIH contributes to
American economic growth and
productivity, and expands our
biomedical knowledge by funding
cutting-edge research and
cultivating the biomedical workforce
of today and tomorrow.***