ACT *for* NIH
ADVANCING CURES TODAY

NIH's Positive Return on Investment

Federal Investment in Medical Research Delivers Substantial Economic Returns

NIH Turns Investment into Innovation

$100 Million in NIH Funding >>> **76 Patents** >>> **$598 million in R&D**

For every $100 million of funding, NIH supported research generates 76 patents. These patents create oppotunities for an estimated $598 million in further research and development.

$3.8B
Investment by the federal government

$1T
Total economic output from the Human Genome Project

The Human Genome Project has generated over $1 trillion in total economic output, after an initial investment of $3.8 billion.

$26.1B
Total Economic Output

107,918
New Jobs Created

An economic impact study on the National Cancer Institute's small-business program found that its efforts have resulted in $26.1 billion in economic output nationwide and 107,918 new jobs created.

Fast Facts: NIH's Impact and Value

$1 Investment in NIH → **$2.56** Economic Activity

$1 increase in basic research → **$8.38** Industry R&D after 8 years

$1 increase in clinical research → **$2.35** Industry R&D after 3 years

The High Cost of Cutting NIH Funding

Cutting federal R&D funding by 20% would result in **reduced tax revenue of roughly $250 billion** and **diminish the economy by an estimated $1 trillion** over the next decade.

$250B
Lost Tax Revenue

$1T
Economic loss over the next decade

The Congressional Budget Office (CBO) estimated that a permanent 10% reduction in NIH funding of external preclinical research would **decrease the number of new drugs coming to market by roughly 4.5 percent, or about 2 drugs per year.**

4.5%
Reduction in new drugs coming to market

2
Drugs lost per year

Sources: *The Human Genome Project. National Human Genome Research Institute.; Comparison of Research Spending on New Drug Approvals by the National Institutes of Health. JAMA Network.; The impact of public basic research on industrial innovation. ScienceDirect.; How Reducing Federal R&D Reduces GDP Growth. ITIF.; How Changes to Funding for the NIH and Changes in the FDA's Review Times would Affect the Development of New Drugs. Congressional Budget Offices.; 2025 Updates - NIH's Role in Sustaining the US Economy. UMR.; Spurring Economic Growth. NIH.; Direct Economic Contributions. NIH.; NCI SBIR Impact Study. NIH SBIR Development Center.*