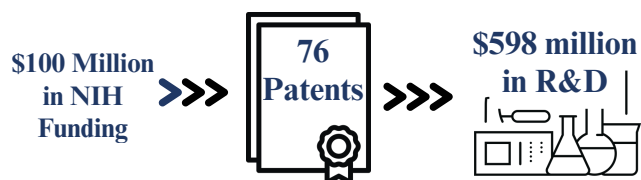


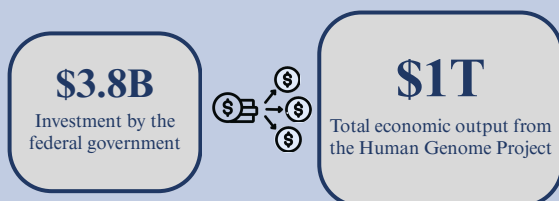
NIH's Positive Return on Investment

Federal Investment in Medical Research Delivers Substantial Economic Returns

NIH Turns Investment into Innovation



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

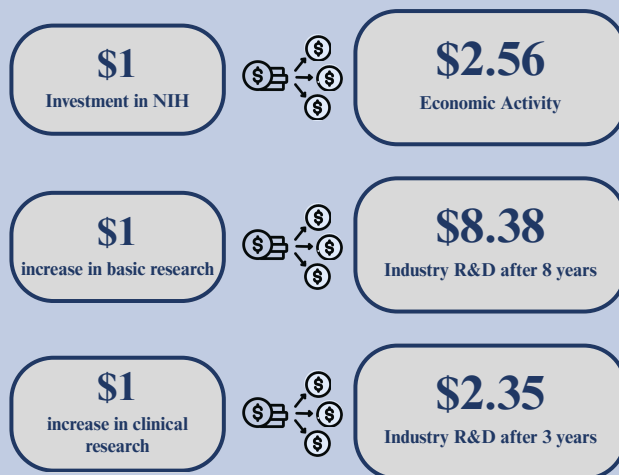


The Human Genome Project has generated over \$1 trillion in total economic output, after an initial investment of \$3.8 billion.



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



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.



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.**



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.