

Federal Cancer Research Improves Cancer Outcomes

Increased and sustained investment at the National Institutes for Health (NIH) and the National Cancer Institute (NCI) has provided the opportunity and incentive for advances in cancer prevention, screening, diagnosis, and treatment. NCI supports 72 NCI-Designated Cancer Centers, more than 5,000 research grantees, and over 20,000 patients on clinical trials across 3,100 sites nationwide.

34%

NIH support of cancer research has been key to the **34% reduction** in the nation's cancer mortality rate since 1991...

4.5M

resulting in **4.5 million fewer deaths**



In FY24, NCI provides over \$5.4 Billion in extramural research funding, including 72 cancer centers and 5,000 grantees in 48 states, Guam, and Puerto Rico.

(Image: Cancer.gov)

Research Saves Lives

Justin, who lives in Pennsylvania and works for the National Park Service, participated in an NCI clinical trial after his non-Hodgkin lymphoma persisted despite four different treatments. One year after completing treatment, Justin returned to his job, and 3 years later his cancer has not returned. His doctor describes him as likely cancer free. "I wouldn't be here without NCI," Justin says.

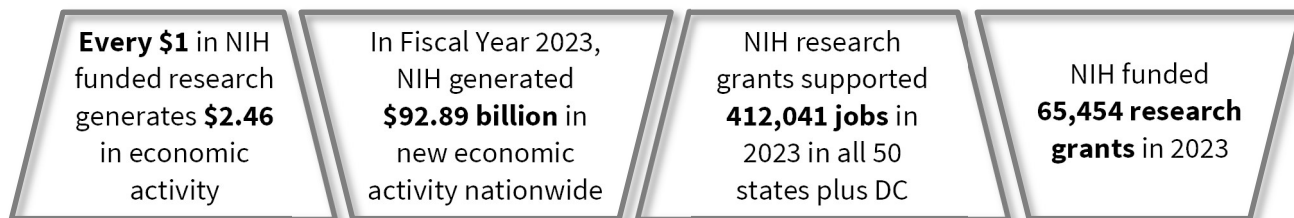
Even at Current Funding Levels, NCI and NIH Face Challenges

5 out of 6
researcher-initiated
NCI proposals are
unfunded each year

Researcher-initiated applications (2013- 2018) **grew 9.4 times more** at NCI than NIH

Success rates in 2023 for core research grant applications were **28% lower** at NCI than NIH

NIH Has an Important Role in the US Economy

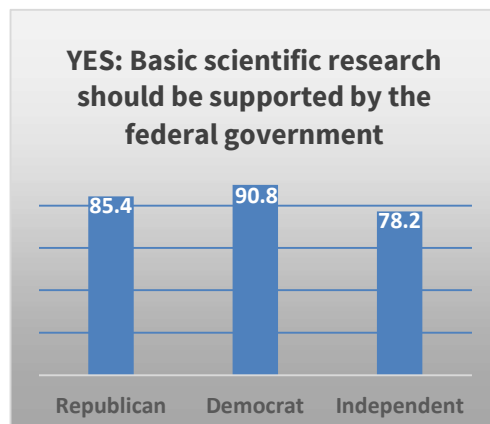


Public sentiment Supports the Federal Government's Role in Research Funding

A 2025 Research America poll showed this support was strongly bipartisan. In response to the question:

Do you agree or disagree with the following statement? Even if it brings no immediate benefits, basic scientific research that advances the frontiers of knowledge is necessary and should be supported by the federal government.

85.4% of Republicans either strongly or somewhat agreed with the statement. Among Democrats it was 90.8%; for Independents 78.2%.



Research Across NIH is Critical for Patients with Cancer

NCI is one of the 27 Institutes and Centers (ICs) that make up NIH. NCI is one of the few ICs created by statute, and is the only one with a presidentially appointed leader (the NIH Director is also presidentially appointed). While NCI has the largest budget of the ICs at \$7.2 billion, other NIH ICs have active research portfolios dealing with underlying causes of cancer and factors that may assist in cancer prevention. These include research on tobacco and nicotine cessation, obesity, and alcohol use. Other key programs include:

- **Advanced Research Projects Agency for Health (ARPA-H):** ARPA-H has a unique mandate to tackle research gaps not currently addressed by either NIH-funded research or industry-funded research. Still in its infancy, ARPA-H assesses whether innovative research models that differ from NIH's can be effective.
- **NCI's National Clinical Trials Network (NCTN):** NCTN is an NCI-funded network of sites that develop and operate clinical trials. Often these trials explore important questions that would not be examined by private industry. NCTN coordinates and supports cancer clinical trials at more than 2,200 sites.
 - **NCTN network trials are impactful for patient care:** data show they are often cited in cancer care guidelines and in new drug indications and have been estimated to add 14.2 million additional life-years to patients with cancer.
 - **NCTN trials are cost-effective:** these additional life-years have an efficient average cost of \$326 per life-year gained.

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