

NCI Director's Report

W. Kimryn Rathmell, M.D., Ph.D.
Director, National Cancer Institute

168th Regular Meeting of the National Cancer Advisory Board

September 4, 2024

@NCIDirector
@TheNCI

Today's Topics

1. Recent News/Updates
2. Budget Updates
 - *NEW: NCI FY26 Annual Plan and Professional Judgment Budget Proposal*
3. Research and Program Highlights
4. Q&A / Discussion

Recent News and Updates

A summer of visits and meetings with collaborators (U.S. and international)

**not comprehensive*



NCORP sites: Kansas (top),
New York (bottom)



U Chicago research symposium



MD-PhD national conference
(Colorado)



WHO Collaborating Center for
Global Cancer Control



U.S. Ambassador to Australia



National Cancer
Center, Japan

Summertime White House engagements

White House Office of Management and Budget examiners visited NIH to learn about Cancer Moonshot projects



HHS Deputy Secretary visited for an overview of NCI at Frederick and efforts aimed at eliminating HPV-driven tumors



Office of Management and Budget visited NCI at Frederick to see the science (and needs to advance progress) up close



Summer retreat – key takeaways (July 16, 2024)

Goal:

To identify 1-3 areas of focus for which NCI can **demonstrate output and value** to the public.



TRUST

EARLY ONSET CANCERS

DATA SCIENCE

TRAINING

COMMUNICATION

CANCER BIOLOGY

ARTIFICIAL INTELLIGENCE

PREVENTION

IMMUNOLOGY

OBESITY

VACCINES

NCI Senior Leadership Updates



Peter Garrett
Director, Center for External
Affairs (CEA)*



Amber Lowery
Deputy Director for Management /
Executive Officer

**Inaugural role*

NCI's Inaugural Deputy Director for Data Science and Strategy



Warren Kibbe, PhD

**Deputy Director, Data Science
and Strategy**

As of June 30, 2024

Later today...

**Overview: NCI and Artificial Intelligence
1:10 p.m. – 1:45 p.m.**

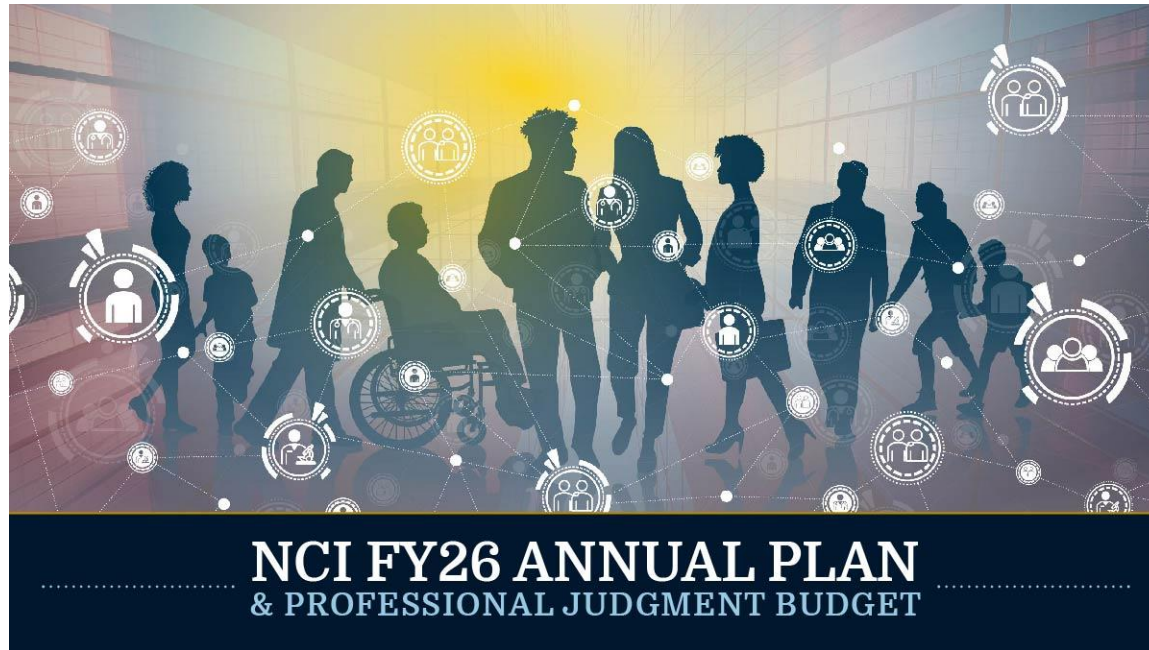


**Subscribe to NCI's
Cancer Data Science Pulse blog:
[https://datascience.cancer.gov/news-
events/blog](https://datascience.cancer.gov/news-events/blog)**

Budget Updates:

**NCI FY26 Annual Plan and Professional
Judgment Budget Proposal**

NCI Fiscal Year 2026 Annual Plan and Professional Judgment Budget Proposal



<https://www.cancer.gov/research/leading-progress>

FY26 Professional Judgment Budget Proposal

FY24 NCI Appropriation	\$7,224	
FY25 President's Budget Proposal*	\$9,287	
Proposed Increase over FY25 President's Budget Proposal (Allocation by category)	\$2,179	<ul style="list-style-type: none"> \$479 Cancer Biology Research \$338 Cancer Prevention Research \$457 Cancer Detection & Diagnosis Research \$534 Cancer Treatment Research \$175 Public Health & Cancer Control Research \$196 Training & Infrastructure
FY26 TOTAL	\$11,466**	

(Dollars in millions)

FY26 Annual Plan and Professional Judgment Budget Proposal

Highlighted Scientific Opportunities



TACKLING THE EMERGENCE OF EARLY-ONSET CANCERS IN YOUNG ADULTS



APPROACHING CANCER AS A DISEASE THAT AFFECTS THE ENTIRE BODY



ALLEVIATING FINANCIAL TOXICITY FOR CANCER SURVIVORS AND CAREGIVERS



EXPANDING THE UTILITY OF CANCER-TARGETING VACCINES

Our current budget situation

What it would cost to do
what is expected



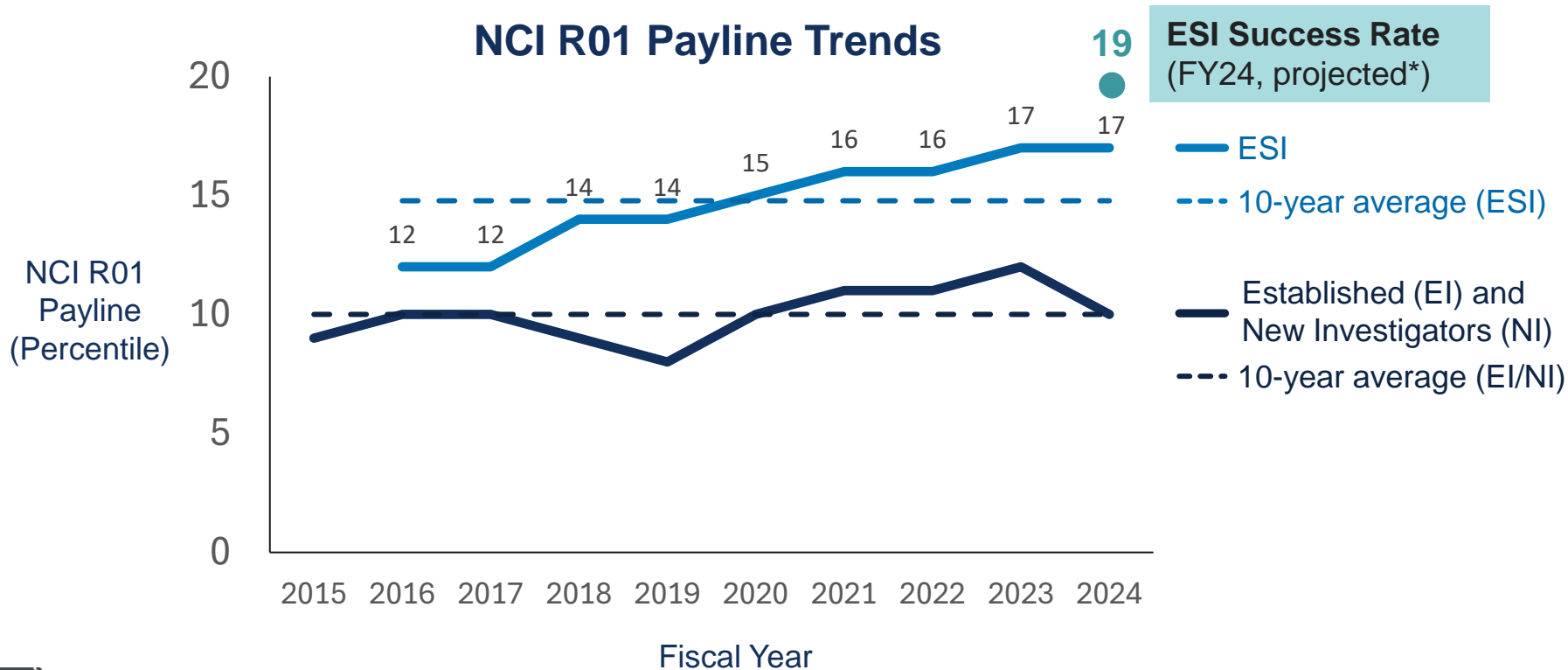
What we are working
with



	NCI's Professional Judgment Budget Proposal	Actual NCI Budget
FY 2023	\$7.766B	\$7.3B
FY 2024	\$9.988B	\$7.22B <i>(\$120M increase to the base but an overall \$96M decrease)</i>
FY 2025	\$11.466B	?
FY 2026	\$11.466B	?

FY25 President's
Budget Proposal:
\$9.287B

Prioritizing support for early-stage investigators (ESIs)



National Cancer Plan: Everyone has a role

Empowering Goals

Health-centric Goals



Improved health outcomes for everyone

CANCER MOONSHOT GOAL:
Reduce cancer mortality by 50% by 2047

National Cancer Plan: Optimize the Workforce

Empowering Goals



Optimize the Workforce:
*Focus of community engagement
September - November 2024*

Health-centric Goals



Prioritizing support to optimize the workforce



Cancer Currents: An NCI Cancer Research Blog

Growing the Cancer Research Pipeline by Expanding Opportunities

August 29, 2024, by Kimryn Rathmell, MD, PhD, MMHC, and Dan Gallahan, PhD

This post explains how the R15 grant program supports researchers at smaller institutions and encourages students to pursue careers in cancer research.



NCI Bottom Line: A Blog about Grants and More

NCI's Commitment to Advancing Cancer Training

August 1, 2024, by Oliver Bogler, PhD, Director, NCI Center for Cancer Training

This post discusses recent trends in funding for cancer training, highlights enhancements to the Pathway to Independence Award and introduces a new career development award for clinical scientists.

American Cancer Society Announces up to \$8 Million in Catalyst Awards and Post Doctoral Fellowship Grants to Help Fund Early-Stage Researchers

August 20, 2024



President's Cancer Panel

Upcoming Virtual Public Meetings Focused on the Workforce



*Advisors to the President on
the National Cancer Program*

Developing and Retaining a Robust and Diverse Cancer Workforce:

Challenges and Opportunities Across the
National Cancer Program

Part 1: Clinical Care Workforce
September 12, 2024

Part 2: Research Workforce
September 13, 2024

Research and Program Highlights

Research advances – recent highlights

Immunotherapy

- First FDA approval for a **T-cell receptor therapy** for advanced synovial sarcoma (Aug 2, 2024)
- **Three new FDA-approved** immune checkpoint inhibitors for **advanced endometrial cancer** (June-Aug 2024)

RAS

- New information on **structure and function** of the **KRAS4a** variant – *Sci Adv* (Feb 2024)
- Discovery of **one of the first dual inhibitors of KRAS G12C (novel experimental compound)** – *J Biol Chem* (Feb 2024)

Population science

- New analysis finds **that cost of cancer screening (\$43B) is less than annual cost of cancer treatment** (in the first 12 months after diagnosis) – *Ann Intern Med* (Aug 2024)

What I need from you today...

- With a new center for external affairs, and a focus on communication – where would you like to see more?
- Your thoughts and insights on how we are meeting the needs of: workforce, AI advances, community-based oncology research, and pediatric oncology.
- Issue #1 is budget – we can and would like to train more, learn more, discover more, prevent more, cure more – cancer. How to best leverage existing resources or form new partnerships?
- Always: suggestions for ways to move forward, faster...

Thank You!

www.cancer.gov

www.cancer.gov/espanol

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