

# 2021 Global Oncology Survey of NCI-Designated Cancer Centers

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*NCAB Global Cancer Research Subcommittee*

# Agenda

1. *Overview of the survey and response rate*
2. *Selected results*
3. *Considerations and utilization*
4. *Discussion*



# Background

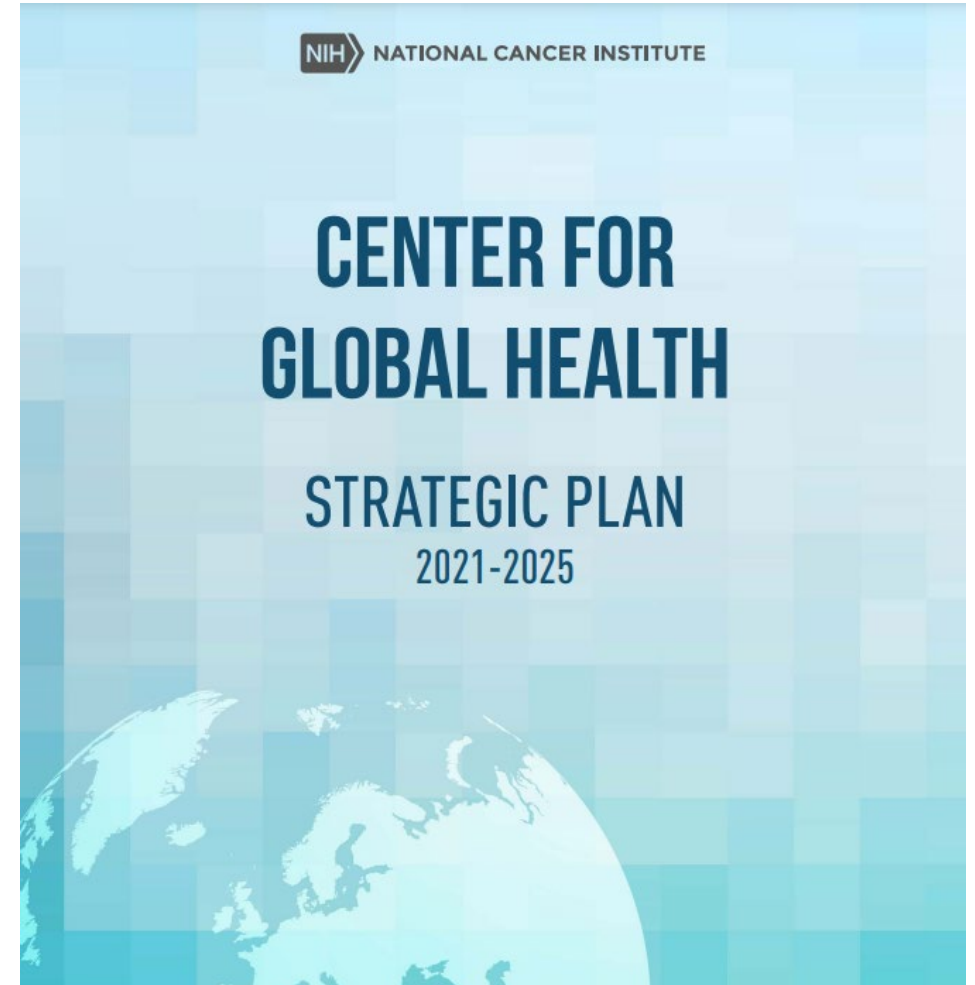
- The Center for Global Health (CGH) tracks NIH-funded global cancer research internally. To complement this, CGH conducts a periodic mapping of **non-NIH-funded** global oncology activities led by NCI-Designated Cancer Centers.
- The 2021 survey was conducted in collaboration with the NCI Office of Cancer Centers (OCC), NCI-Designated Cancer Centers, the American Society of Clinical Oncology (ASCO), the American Society of Preventive Oncology (ASPO), and the American Association for Cancer Research (AACR).
- The survey included questions about high-level strategies and priorities for cancer center directors and detailed questions about global oncology programs, activities, and research to global oncology contacts and PIs at cancer centers.



# Survey aims

*Within the context of NCI-Designated Cancer Centers and their activities:*

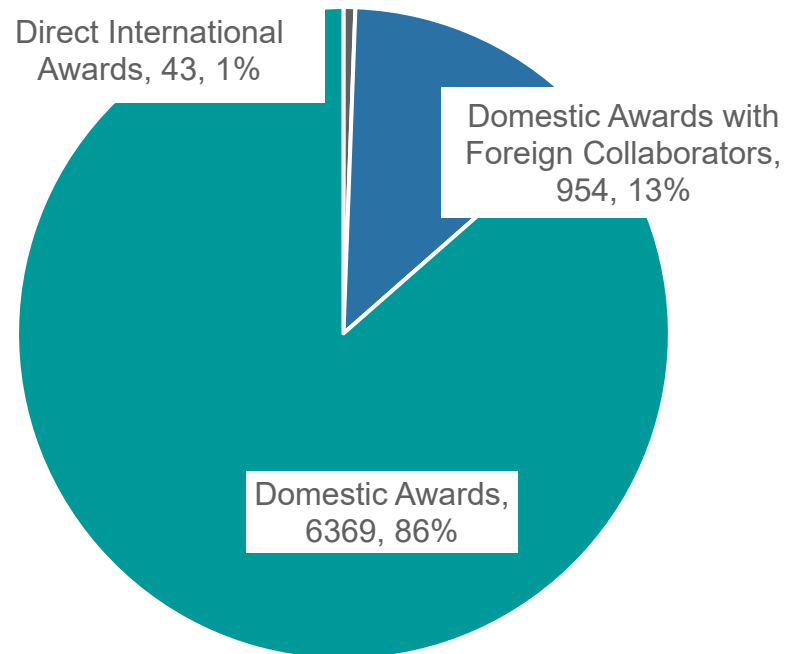
- Provide a more holistic view of global oncology activities
- Track the trends of the global oncology field
- Facilitate collaboration between global oncology researchers
- Encourage cancer centers to leverage survey results to advance their own global oncology programs and activities
- Inform the development of impactful NCI and partner initiatives in global oncology
- Understand the impact of COVID-19 on global oncology activities





# Why focus on non-NIH funded global oncology activities and research?

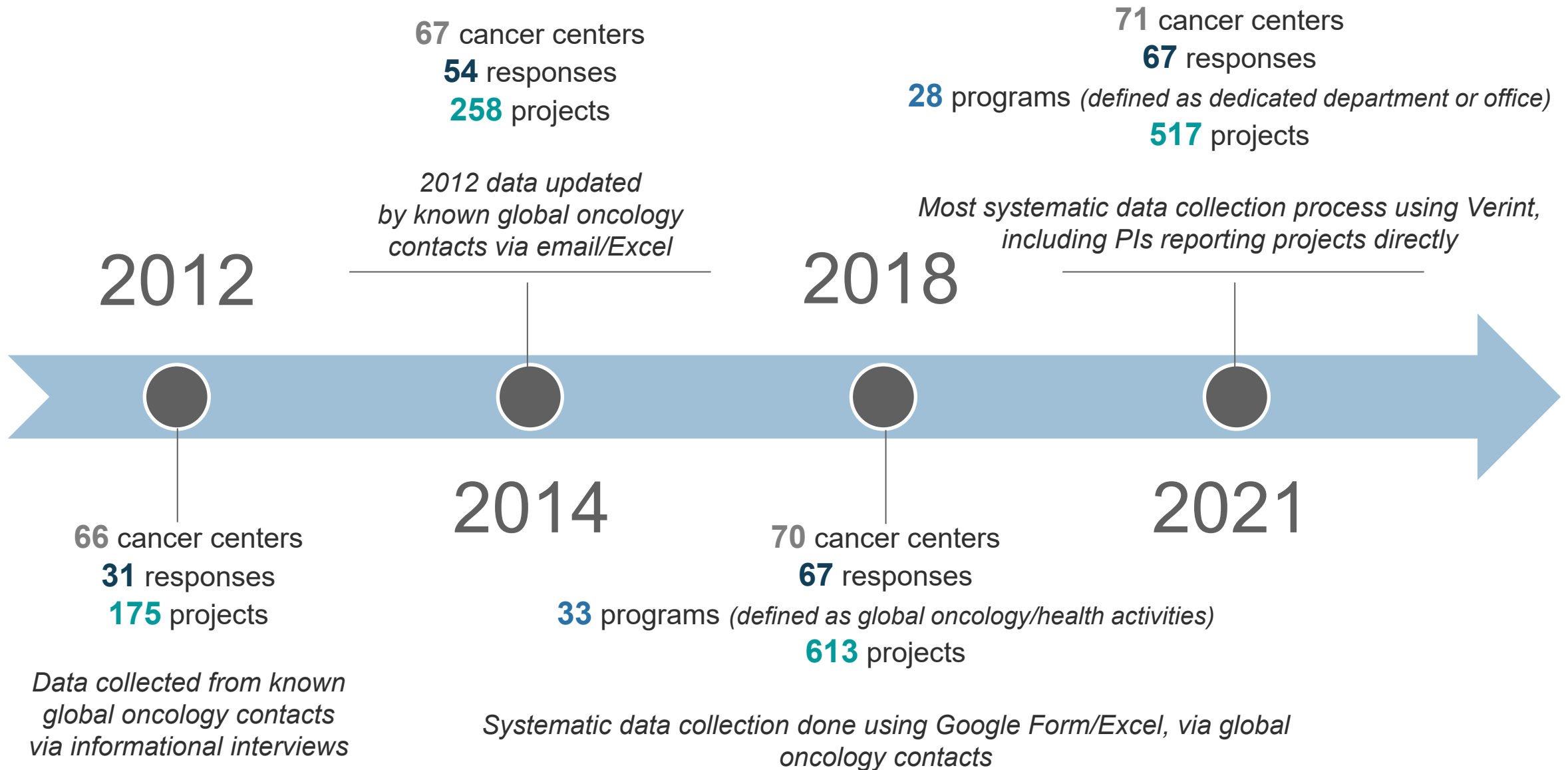
NIH-Funded Extramural Grants, FY 2021



- The majority of NCI awards are granted to institutions in the United States.
- The breadth of non-NIH funded global oncology activities led by NCI-Designated Cancer Centers is not captured in the NCI portfolio.
  - These activities often go beyond the scope of cancer research that would be funded by NCI.
- The global oncology survey provides a more comprehensive view of cancer centers' commitment to global oncology.



# History of the Global oncology survey





# Global oncology at NCI-Designated Cancer Centers

Summary of Global Oncology Survey Responses

**61/67** cancer centers (91%) report involvement in global oncology

**28** cancer centers (42%) reported a global oncology program

**33** cancer centers (49%) reported global oncology activities outside of a formal program

**6** cancer centers (9%) have no global oncology activity

# Global Oncology at NCI-Designated Cancer Centers

A dedicated department, office, or program that leads the management of global oncology activities across your cancer center

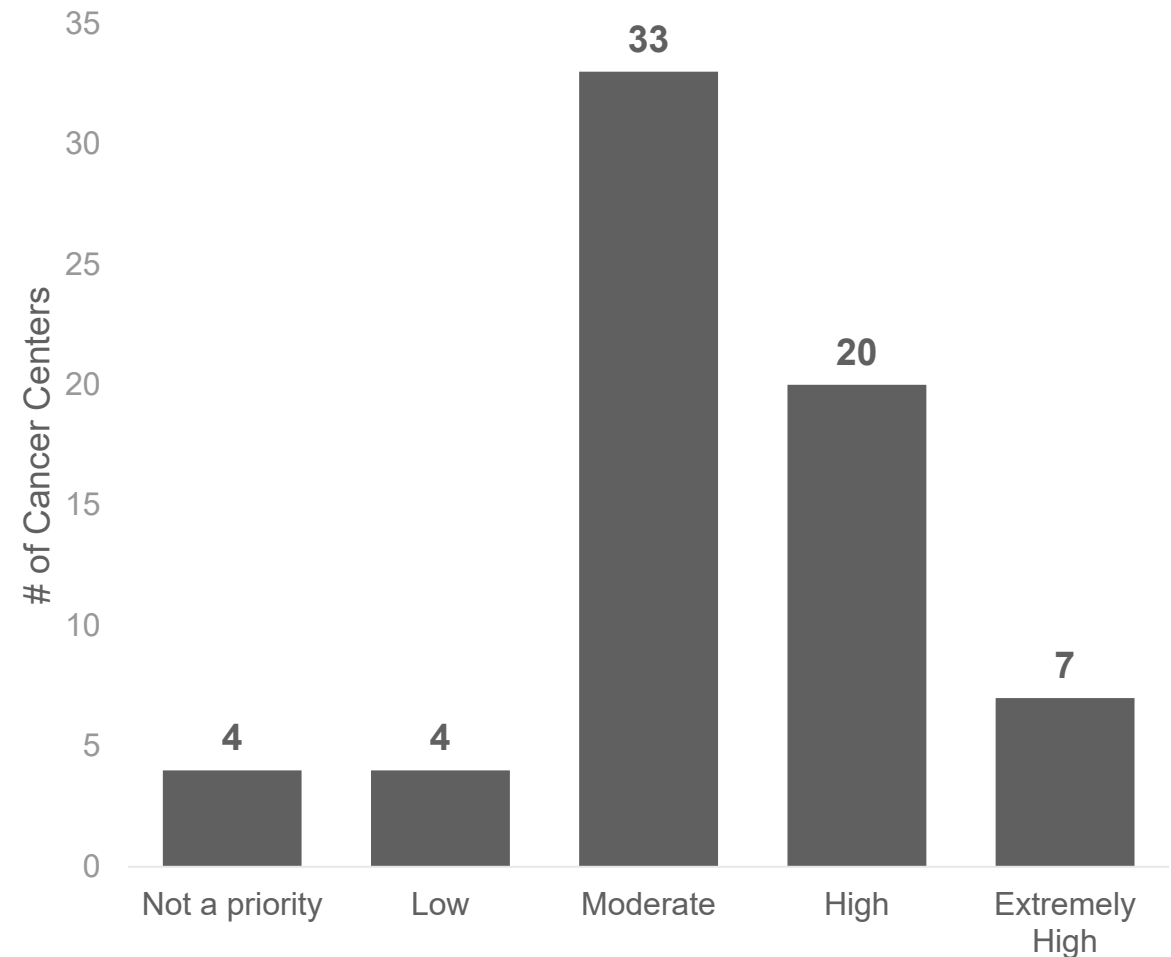
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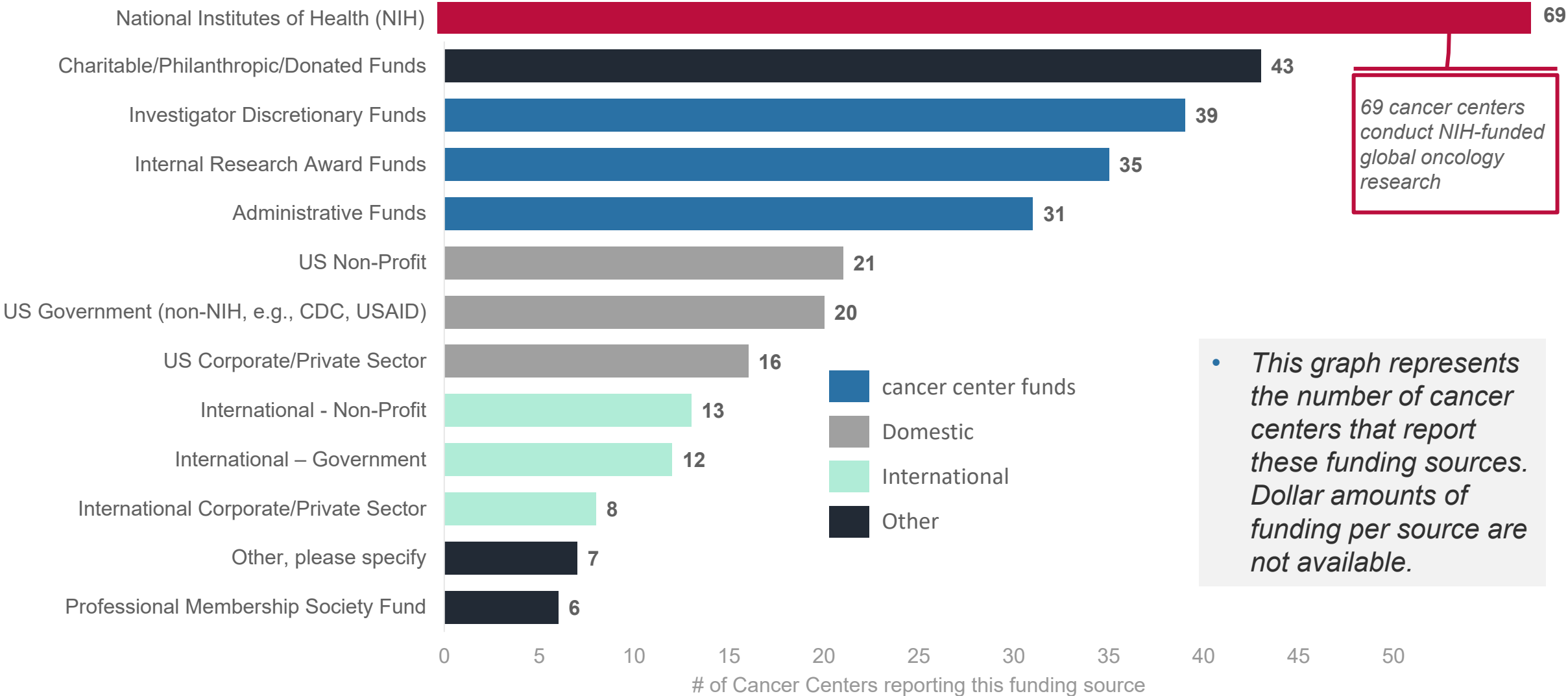
*10 cancer center directors currently without a global oncology program plan to create a formal global oncology program in the next 3-5 years*

Prioritization of Global Oncology According to Cancer Center Directors





# Source(s) of funding for Global oncology activities at NCI-Designated Cancer Centers





# Global oncology activities led by NCI-Designated Cancer Centers

**61/67** cancer centers (91%) report involvement in global oncology

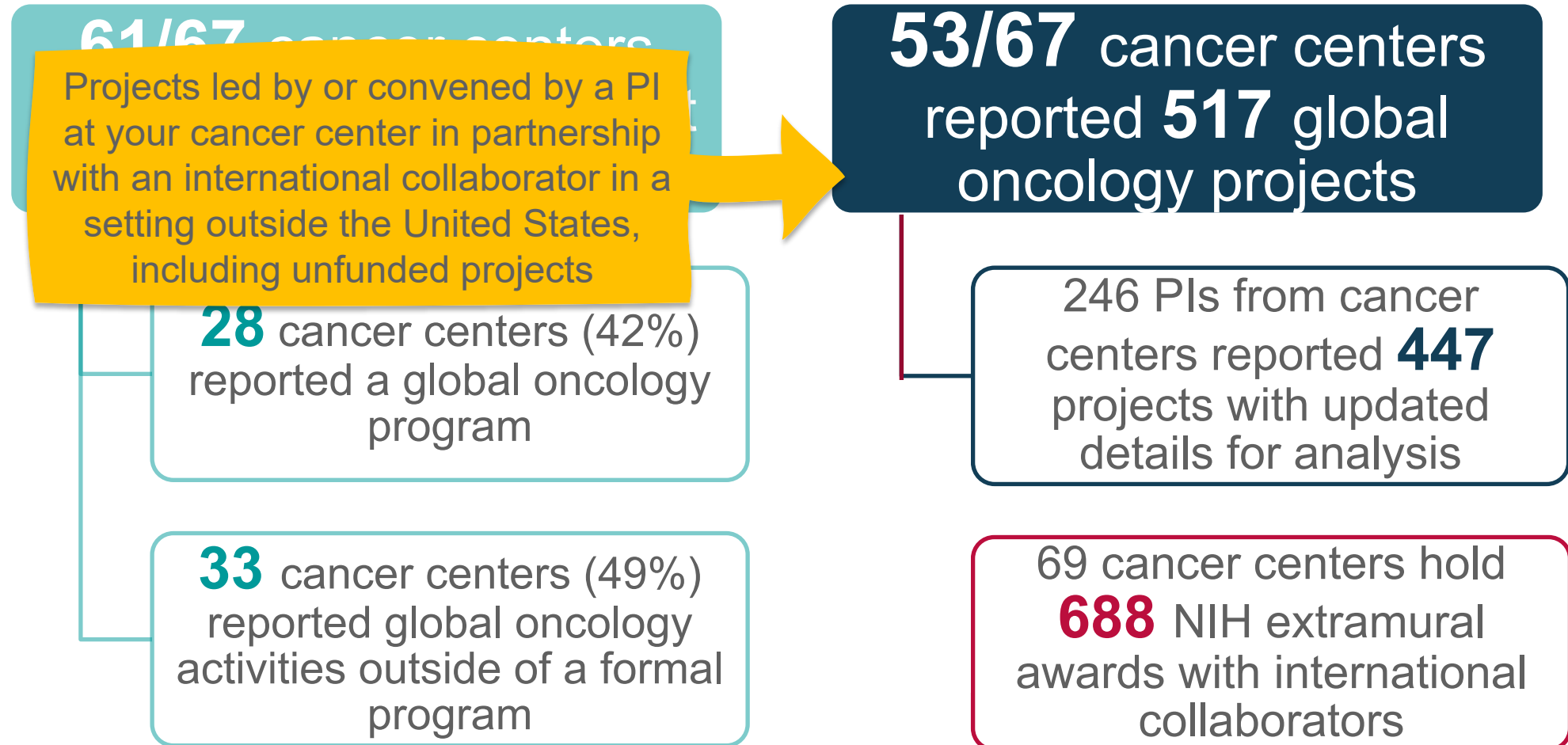
**28** cancer centers (42%) reported a global oncology program

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**53/67** cancer centers reported **517** global oncology projects

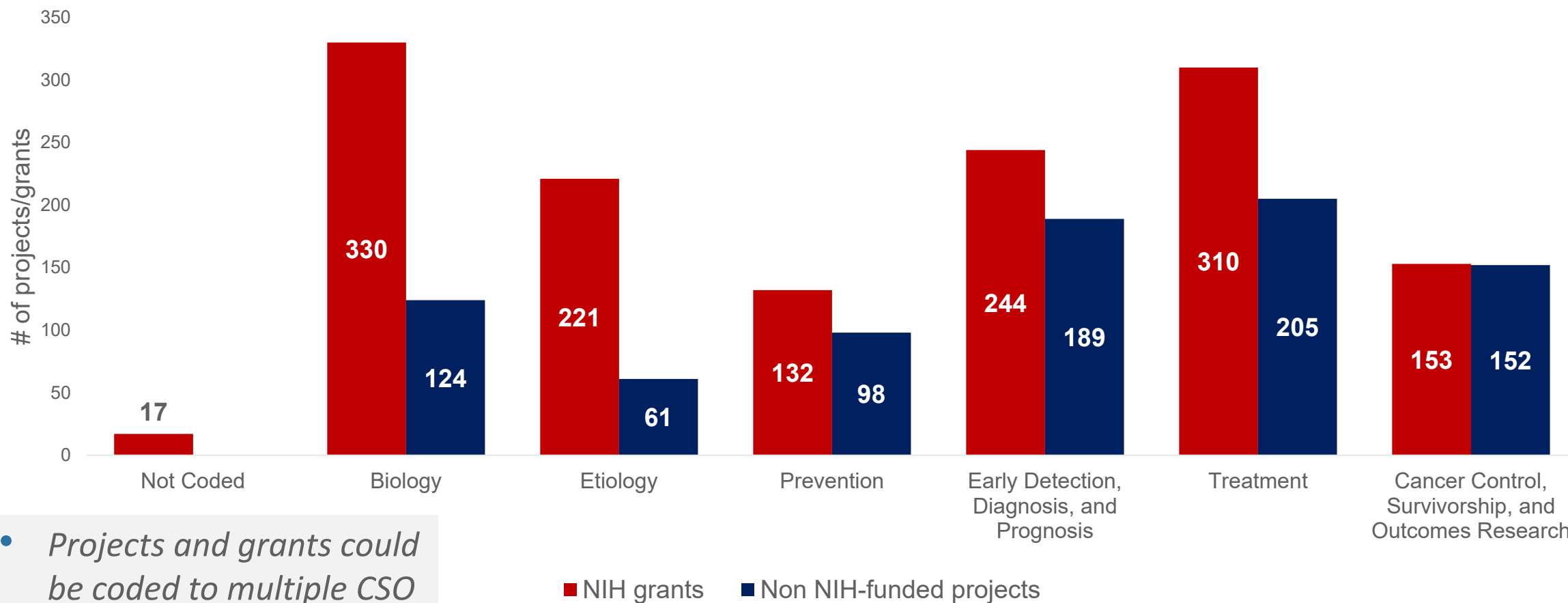
246 PIs from cancer centers reported **447** projects with updated details for analysis

# Global oncology activities led by NCI-Designated Cancer Centers



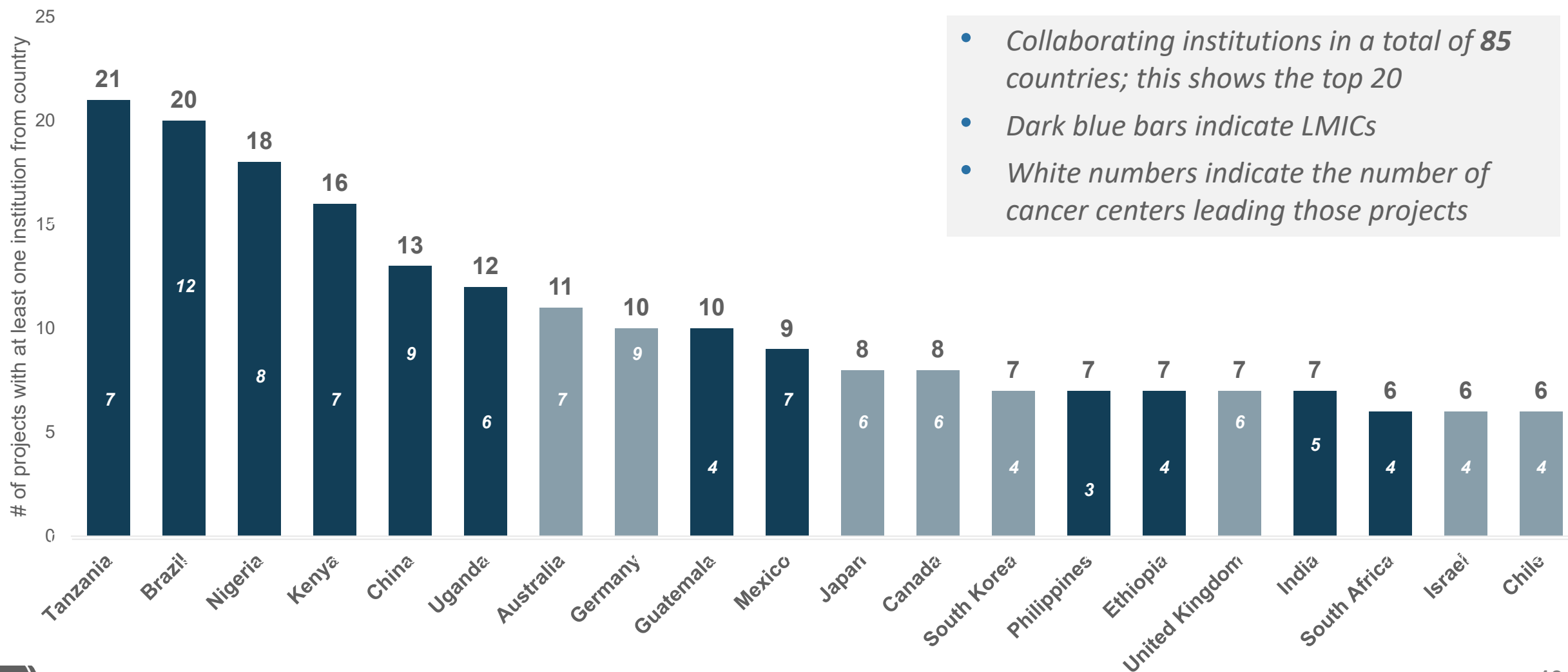


# NIH funded grants and non-NIH funded projects led by NCI-Designated Cancer Centers, by CSO code



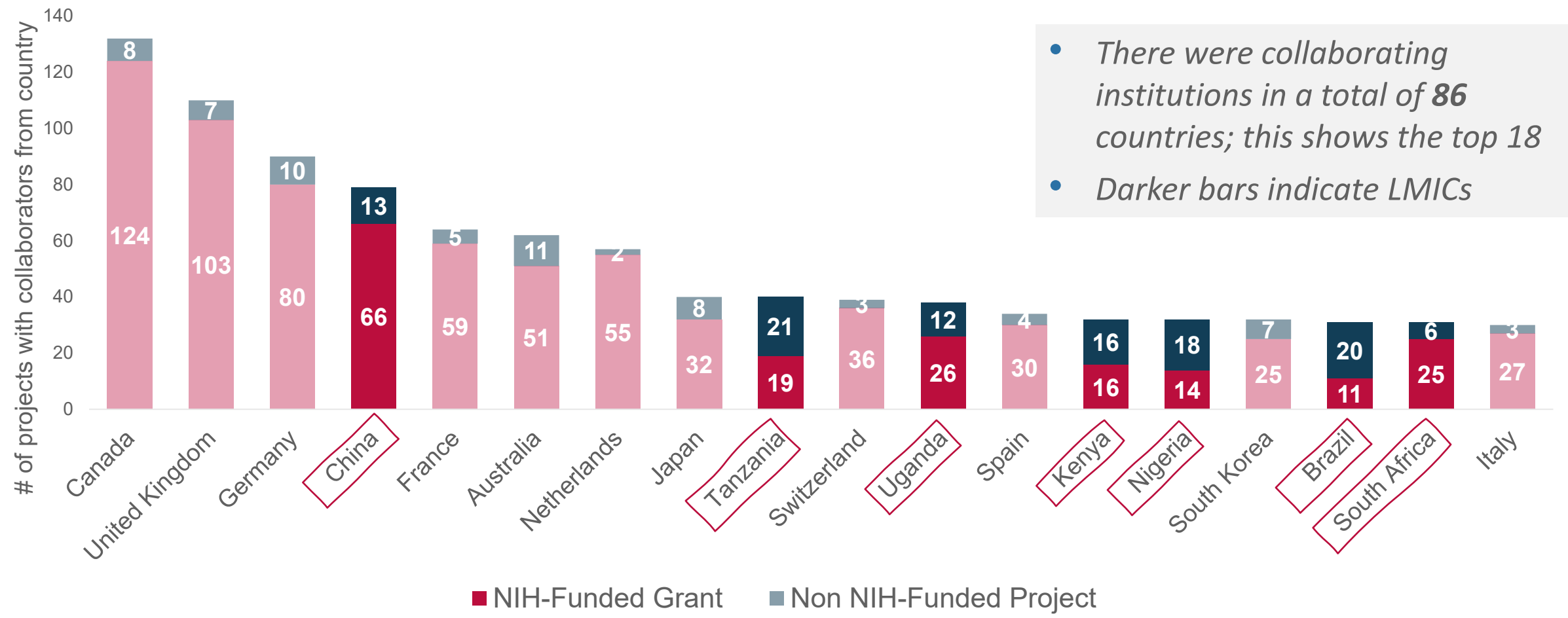
• *Projects and grants could be coded to multiple CSO codes*

# Collaborating institutions by country on non-NIH funded global oncology projects at NCI-Designated Cancer Centers



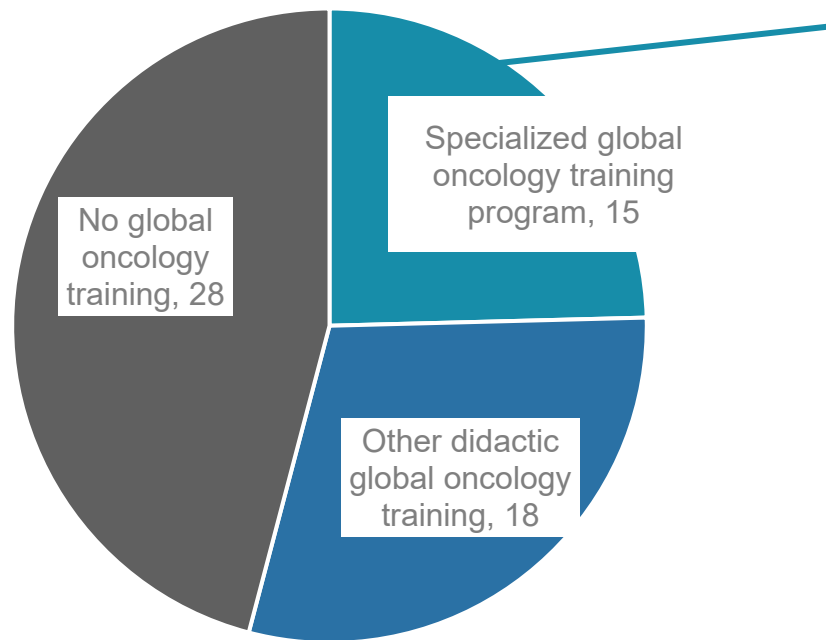


# Collaborating institutions by country on > 30 total NIH funded grants and non-NIH funded projects at NCI-Designated Cancer Centers



# Global oncology training opportunities offered at NCI-Designated Cancer Centers

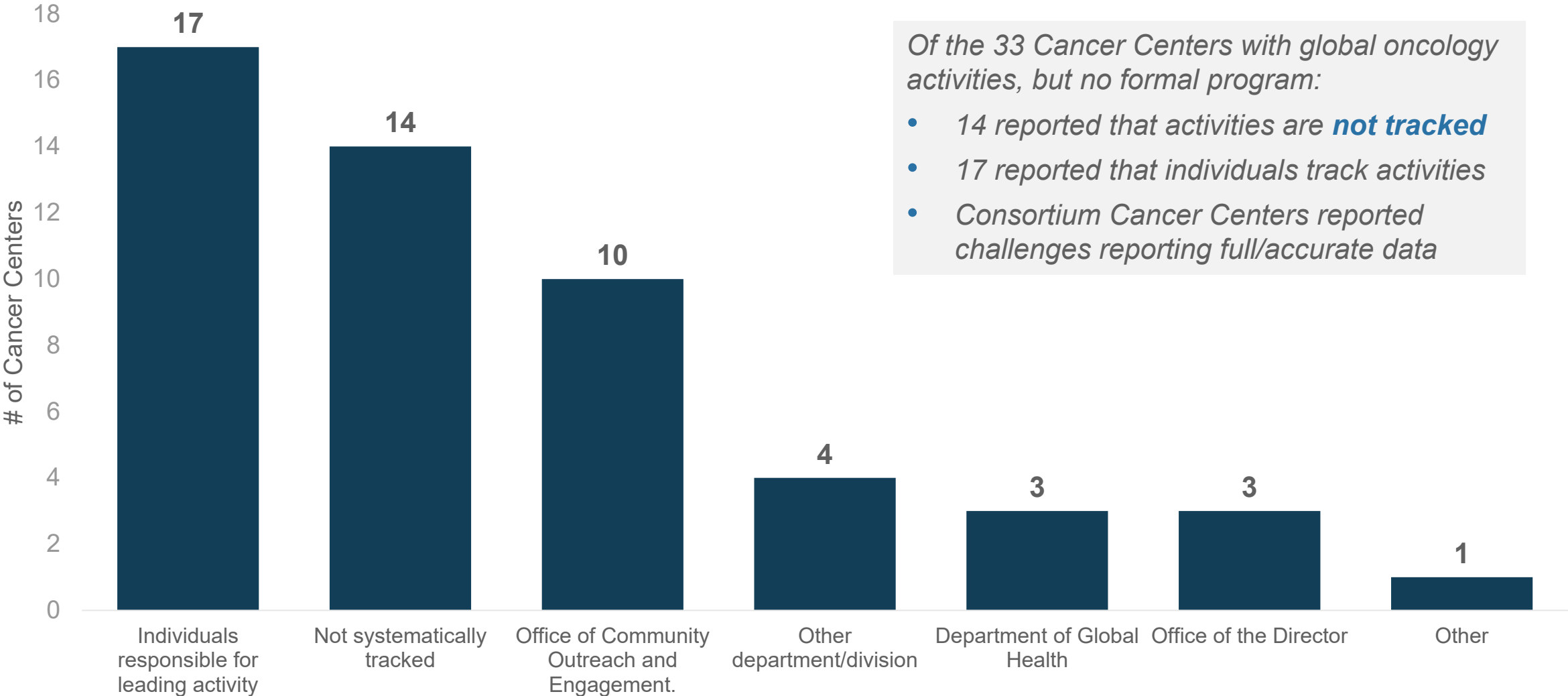
Didactic global oncology training offered by cancer centers



- Abramson Cancer Center
- Fred Hutch/University of Washington/Seattle Children's Cancer Consortium
- H. Lee Moffitt Cancer Center and Research Institute
- Masonic Cancer Center
- Mayo Clinic Comprehensive Cancer Center
- MD Anderson Cancer Center
- Memorial Sloan Kettering Cancer Center
- Norris Cotton Cancer Center
- Robert H. Lurie Comprehensive Cancer Center
- St. Jude Children's Research Hospital
- Sylvester Comprehensive Cancer Center
- UCSF Helen Diller Family Comprehensive Cancer Center
- University of Chicago Medicine Comprehensive Cancer Center
- University of Hawaii Cancer Center
- Winship Cancer Institute of Emory University



# Tracking of global oncology activities at NCI-Designated Cancer Centers is inconsistent

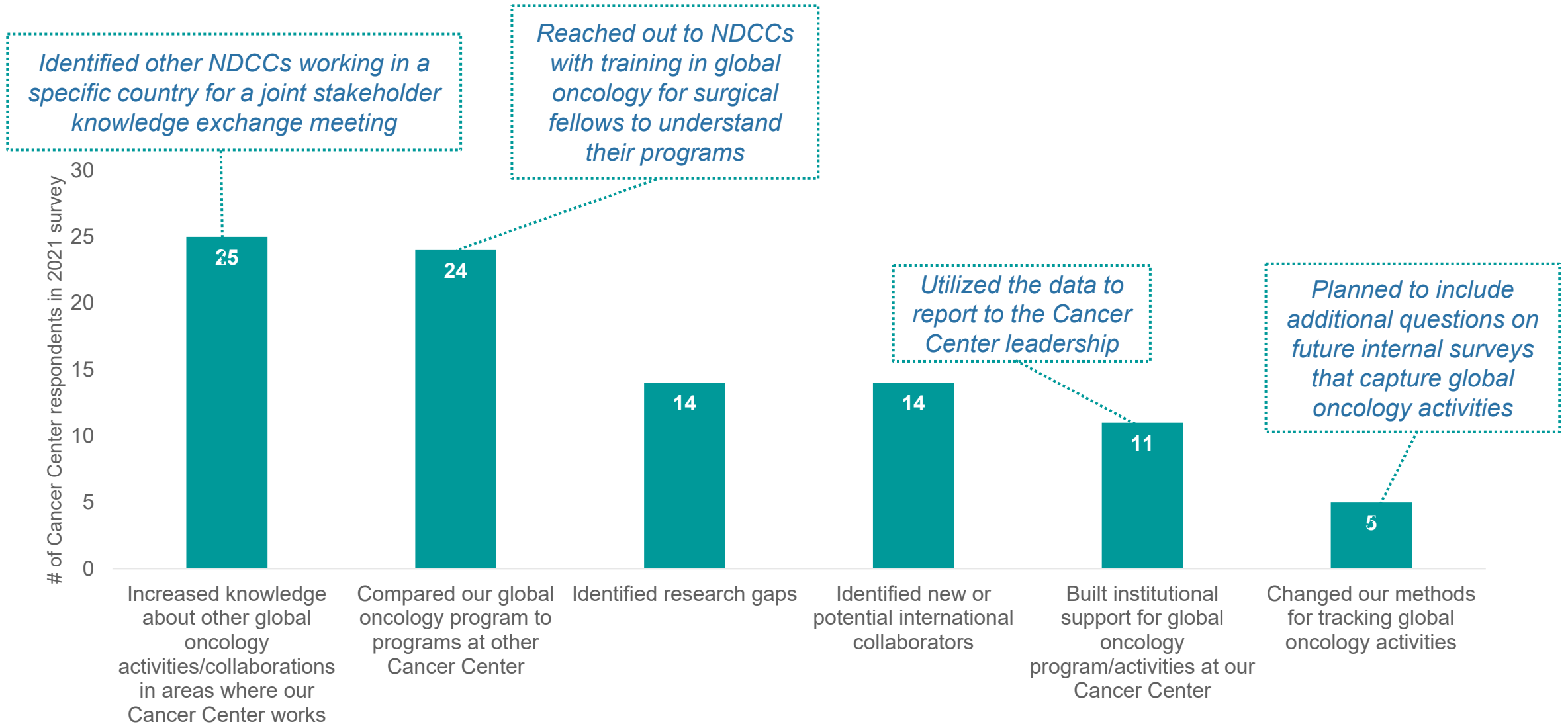


*Of the 33 Cancer Centers with global oncology activities, but no formal program:*

- 14 reported that activities are **not tracked**
- 17 reported that individuals track activities
- Consortium Cancer Centers reported challenges reporting full/accurate data



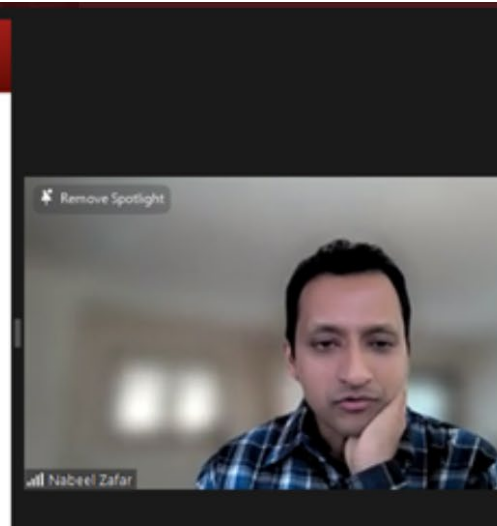
# Utilization of 2018 global oncology survey results



# Utilization of 2018 global oncology survey results

## UWCCC

- On Faculty - Oct 2020
- No formal Program in Global Oncology
- But from prior experiences, knew that
  - There must be both faculty and trainees passionate about GO
  - Must be both faculty and trainees actively working on GO
- Leadership buy-in for a program in global oncology...
  - Was not difficult... (literature/Data from NCI-CGH, and other institutions)



Syed Nabeel Zafar, MD, MPH  
Assistant Professor, Division of Surgical Oncology  
University of Wisconsin Carbone Cancer Center

## Global Oncology Program at UWCCC

The survey was instrumental to getting us going

- Phase 1: Get organized
  - ✓ Identify key people
  - ✓ Environmental scan
  - ✓ Establish regular meetings
  - ✓ Obtain admin support
  - ✓ Delineate scope of work
  - ✓ Some Talks
  - ✓ Make it official
    - Leads
    - Webpage
    - Budget
    - Vision/direction
    - Advisory board
  - Membership etc.



- Used the 2018 survey results to grow the global oncology program at MD Anderson
- Took that knowledge to UWCCC and initiated a global oncology program
- Organized that new program in tandem with co-designing and piloting the 2021 survey



# How can the global oncology community use the results of this survey?

- NCI-Designated Cancer Centers** → assess their own global oncology programs, further develop collaborations, and identify best practices
- Research institutions** → identify collaborators and shared research interests
- Program implementers/policymakers** → build and strengthen collaborations
- Trainees** → identify relevant opportunities and programs
- Funders** → refine priorities and inform program design
- National/regional authorities** → conduct similar surveys or landscape assessments



# Key takeaways



Interest in global oncology is increasing at cancer centers



Cancer centers maintained their global oncology programs and offered more global oncology training than in 2018



Tracking and reporting these data is challenging

# Opportunities



Increase shared knowledge between centers to help expand the field of global oncology



Formalize curricula and ongoing interactive global oncology training for trainees at NCI-Designated Cancer Centers and in LMICs



Develop accepted global oncology benchmarks for success, including research, education, and COE



# Discussion

- What are the facilitators and barriers to NCI-Designated Cancer Centers' increasing engagement in global oncology?
- How does engaging in global oncology benefit NCI-Designated Cancer Centers, and what is NCI's role in amplifying or leveraging those benefits?
- The survey shows greater interest in global oncology among early-career researchers. Can cancer centers respond to that demand currently? What would facilitate their response?



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