



# NINR Leadership in the Implementation of Science

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# Why Should NINR be a Leader in Implementation of Science?

At NINR, we are focused on leading nursing research to solve pressing health challenges and inform practice and policy, optimizing health for all.



**Optimize Health for All**



**Addressing the Conditions of Daily Life**



**Preventing and Managing Disease**



**Addressing the Distribution of Health**



**Advancing Systems to Optimize Care**

# Dissemination and Implementation (D&I) Funding Opportunities



# NINR Participation in Dissemination and Implementation (D&I) Funding Opportunities

National Institute of Nursing Research ([NINR](#))

National Institute on Minority Health and Health Disparities ([NIMHD](#))

National Center for Complementary and Integrative Health ([NCCIH](#))

Tribal Health Research Office ([THRO](#))

All applications to this funding opportunity announcement should fall within the mission of the Institutes/Centers. The following NIH Offices may co-fund applications assigned to those Institutes/Centers.

Division of Program Coordination, Planning and Strategic Initiatives, Office of Disease Prevention ([ODP](#))

Office of Behavioral and Social Sciences Research ([OBSSR](#))

Funding Opportunity Title

Dissemination and Implementation Research in Health (R01 Clinical Trial Optional)

Activity Code

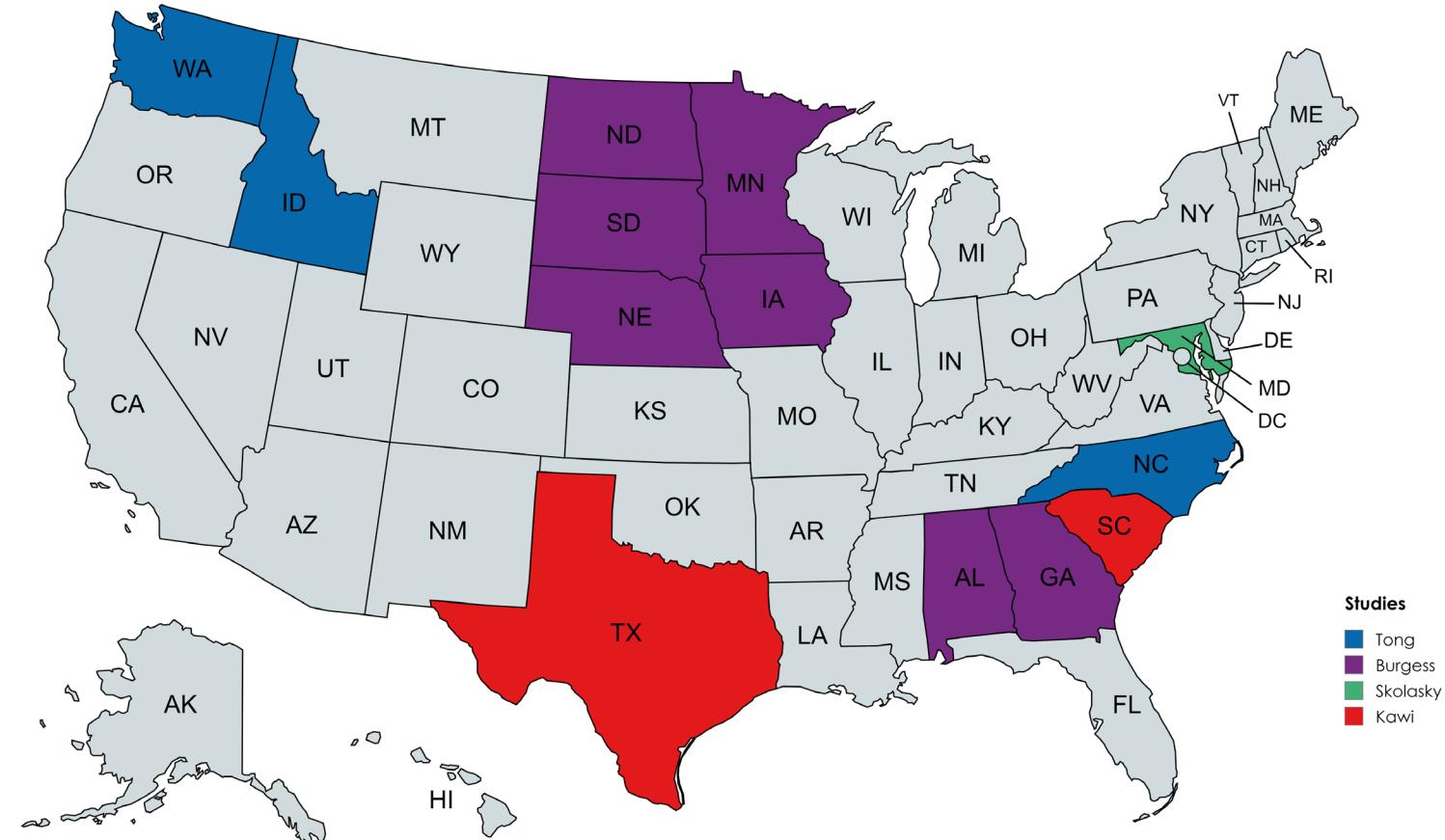
[R01](#) Research Project Grant

Funding Opportunity Number (FON)

PAR-25-144

# RFA-NR-23-001 HEAL Initiative: Prevention and Management of Chronic Pain in Rural Populations

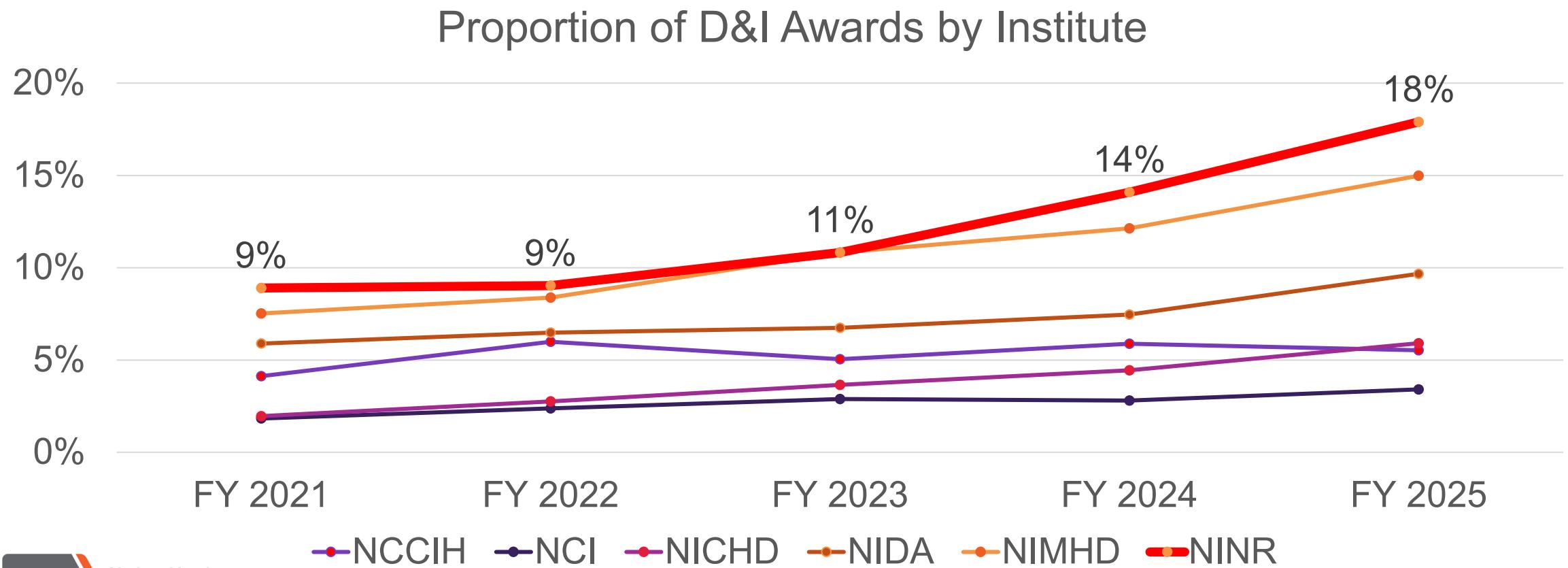
The overall goal of this initiative is to support the "real world" implementation of effective interventions to manage pain in rural and remote areas.



# D&I Research Support

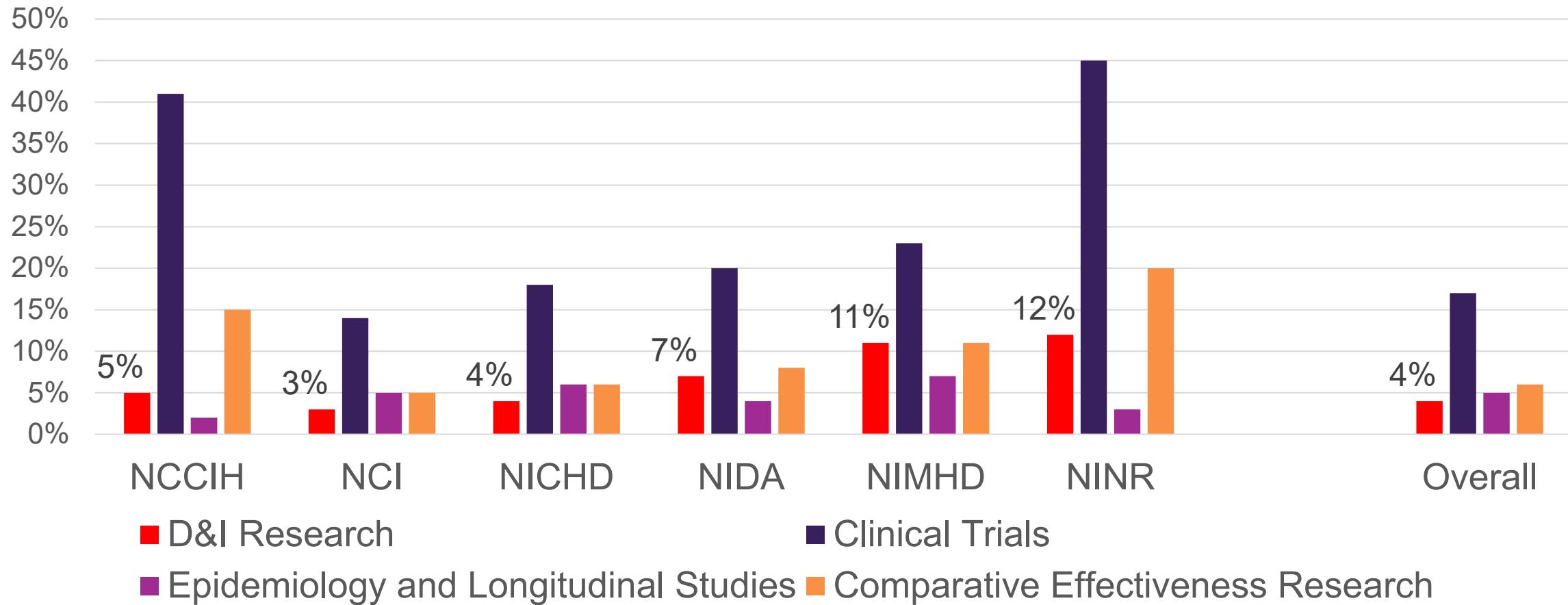


# Comparison of Proportion of D&I Awards by Institute FY2021-2025

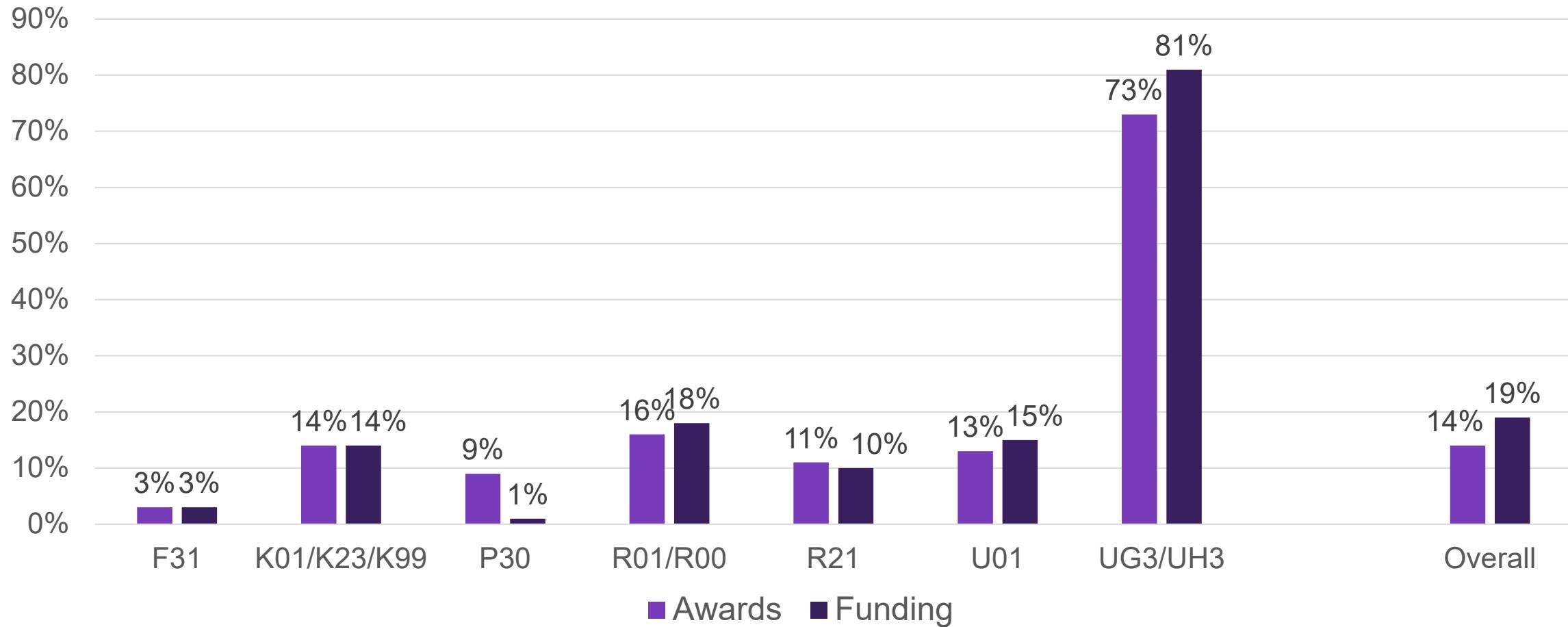


# Selected ICs' Portfolios by Type of Research FY2021-2025

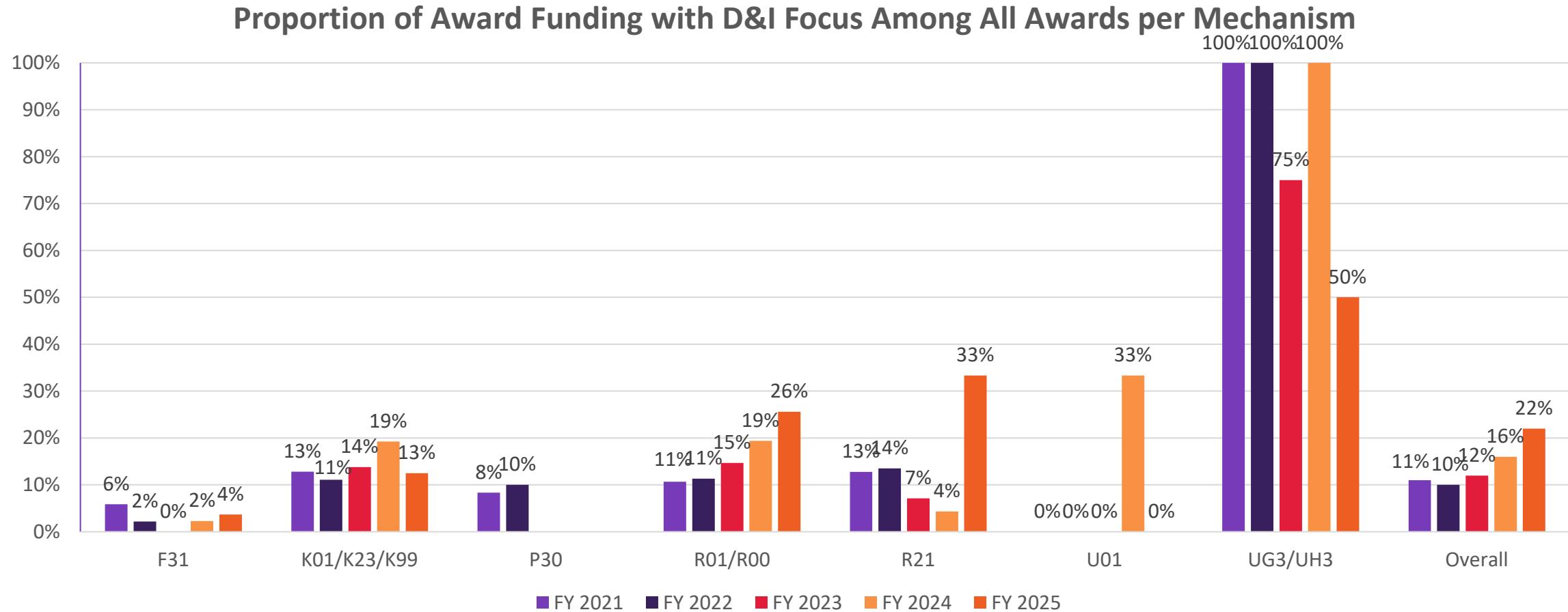
Proportion of Awards with each Type of Research RCDC Code  
(Note: not mutually exclusive)



# Proportion of D&I Projects at NINR among All Awards by Mechanism FY2021-2025



# NINR's D&I Portfolio by Activity Code 2021-2025



# Proportion of NINR D&I Awards Across Topics and Populations FY 2021-2025

Topic	% D&I Focused *
Health services	24%
Health disparities	18%
Prevention	15%
Conditions of daily living	15%
Behavioral and social science	14%
Cardiovascular	11%
Palliative Care	11%

Population	% D&I Focused*
Primary Care	54%
HIV/AIDS	35%
Rural health	23%
Maternal Health	19%
Women's health	12%

*\*Applications coded with the D&I RCDC Category*

# NINR D&I Research by Study Settings

## FY2021-2025

Setting	Percentage
Healthcare Systems/ Hospitals	100%
Primary Care Clinics	79.9%
Community	47.5%
Rural	26.9%
Urban	24.2%
Telehealth/ Virtual	22.4%

Setting	Percentage
Public health	21.0%
Schools/ Universities	19.2%
Home based	16.4%
Federally Qualified Health Centers	10.0%
Long-term Care	2.7%

Note: 219 NINR D&I Awards

\*Analysis completed using Claude Artificial Intelligence

## Examples of NINR Supported D&I Research



# Effectiveness/Implementation Trial of Sharing Patient's Illness Representation to Increase Trust (SPIRIT) in End-Stage Renal Disease

R01NR017018

PI: Mi-Kyung Song

2017-2022

JAMA  
Network | **Open**™

[Home](#) | [JAMA Network Open](#) | [Vol. 7, No. 1](#)

Original Investigation | Nephrology



## Effectiveness of an Advance Care Planning Intervention in Adults Receiving Dialysis and Their Families A Cluster Randomized Clinical Trial

Mi-Kyung Song, PhD, RN<sup>1</sup>; Amita Manatunga, PhD<sup>2</sup>; Laura Plantinga, PhD<sup>3,4</sup>; [et al](#)

# Jumpstarting Culturally-Informed Advance Care Planning with Alaska Native and American Indian People in Primary Care

R01NR020491

PI: Jennifer L. Shaw

2022-2027

Research Article

Status: **Under Review**

 **BMC** Series

**BMC Primary Care**

**Collaborative Implementation Planning to Jumpstart Advance Care Planning with Alaska Native and American Indian peoples in Primary Care**

# Nonpharmacologic Pain Management in Federally Qualified Health Care Primary Care Clinics

UG3/UH3 NR019943

PI: Julie Fritz



## Nonpharmacologic Pain Management in Federally Qualified Health Center Primary Care Clinics (BeatPain Utah)

**Principal Investigator**  
Julie Fritz, PhD, PT

**Sponsoring Institution**  
University of Utah

**Collaborator**  
Association for Utah Community Health

**NIH Institute Providing Oversight**  
National Institute of Nursing Research (NINR)

**Program Official**  
Karen Kehl, PhD, RN, FPCN (NINR)

**Project Scientist**  
Lanay Mudd, PhD ([National Center for Complementary and Integrative Health](#))

**ClinicalTrials.gov Identifier**  
[NCT04923334](#)

# Summary

- NINR has a long history of investment in the implementation of science
  - Programs of research spanning intervention development, testing feasibility, efficacy, and effectiveness through implementation
  - Research examining implementation of evidence-based interventions and intervention bundles in complex systems
- Community-engaged strategies are critical for successful implementation
- Implementation of science is vital aspect of achieving NINR's mission to lead nursing research that solves pressing health challenges and informs practice and policy

# Thank You!

