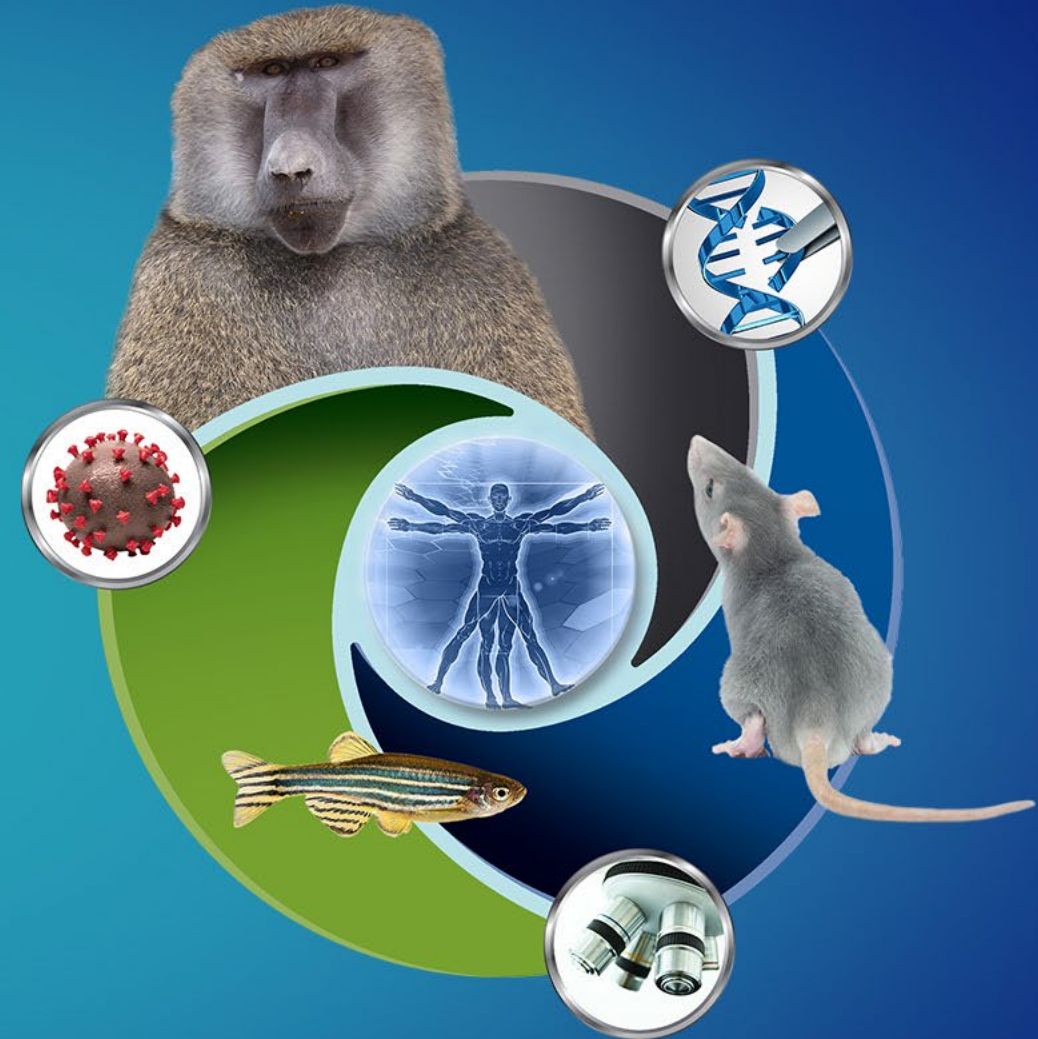


National Primate Research Centers Program

Bettina Buhring, Ph.D.
Program Director, NPRC Program



Concept Clearance

Concept Clearance: Reissue

National Primate Research Centers (NPRC) Program

Objective: *Enhance scientists' capabilities to conduct research with nonhuman primates (NHPs) by providing animals, state-of-the-art facilities, and expert scientific and veterinary expertise*

Funds Available and Anticipated Number of Awards: *Up to seven National Primate Research Centers, contingent upon NIH appropriations*

Award Project Period: *5 years*

Council Action: *Vote for approval of the concept for “National Primate Research Centers Program”*



Brief History of the NPRC Program

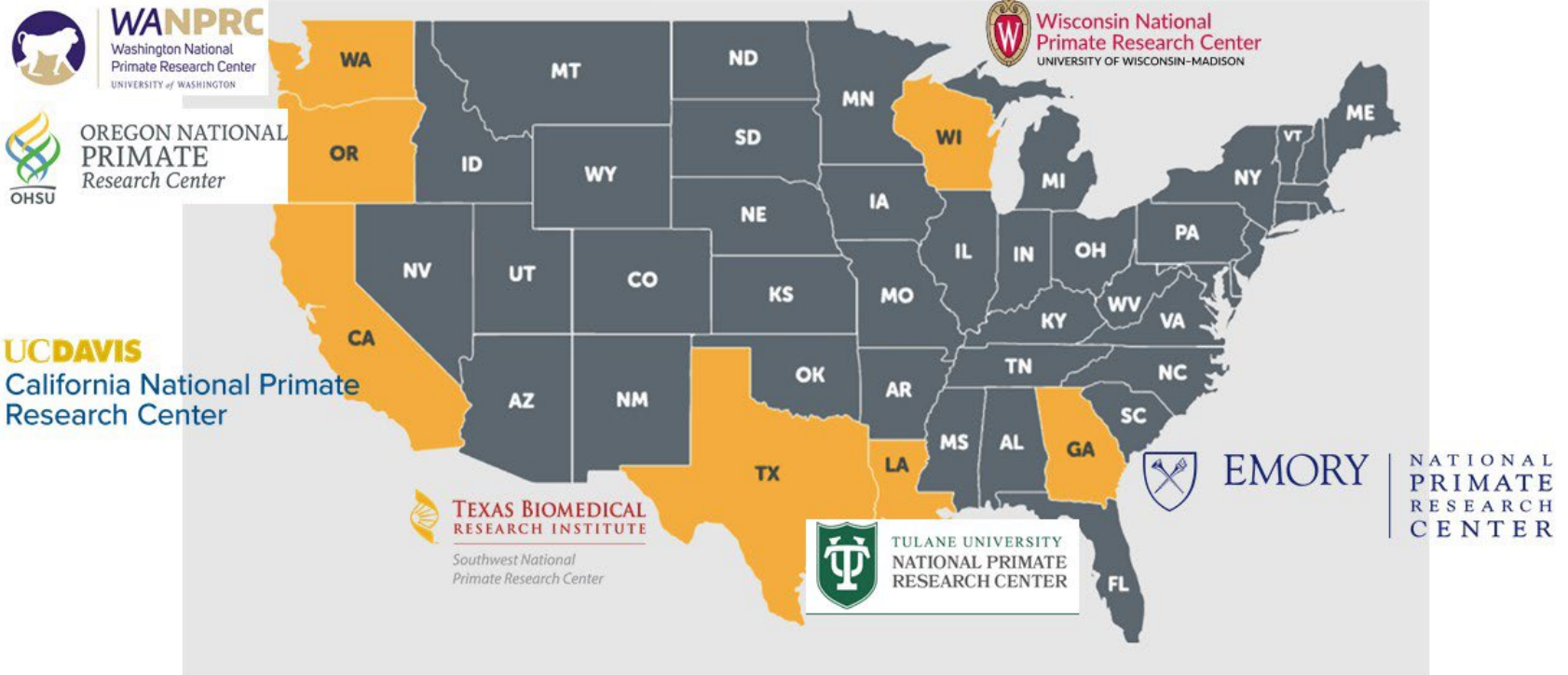
- **Congress passed legislation in the 1960s creating the NIH National Primate Research Centers.**
- **These centers support biomedical research using NHPs by providing—**
 - **State-of-the-art facilities and advanced equipment**
 - **Animal and biomaterial resources**
 - **Extensive training program**
 - **Scientific and veterinary expertise**



NPRC Locations



Causes | Preventions | Treatments | Cures



NIH National Institutes of Health
Office of Research Infrastructure Programs

Purpose of the NPRCs

The NPRCs provide NHPs, state-of-the-art facilities, services, and expertise.

- **Well-characterized NHPs: genetics, pedigree, specific-pathogen-free**
- **Resources: imaging, diagnostics, reagents, assay services**
- **The NPRCs support research fields across the NIH biomedical community:**
 - **Identify and develop new NHP models of human disease**
 - **Pilot project facilitation**
 - **Educational outreach for researchers and the public**
 - **Provide training in NHP methods**

Online Resources

- **For investigators and collaborators: <https://nprcresearch.org>**
- **For educators, public, media, policymakers (mission, history, science highlights): <https://nprc.org>**



Resources Available at the NPRCs

- **Biomaterials Query System**
 - Comprehensive database of biomaterials available at NHP Centers
 - Allows requesting specific tissues via a secure online platform
- **17 Consortium working groups, including:**
 - Aging Research
 - Infectious and Emerging Diseases
 - Breeding Colony Management
 - Genetics, Genomics, and New Model Development
- **Macaque Genotype and Phenotype (mGAP) Resource**
 - Genetic variant and genotype data from ~3,000 rhesus macaques located at 9 different NIH-supported NHP centers
 - ~80 naturally occurring genetic disease models
 - <https://mgap.ohsu.edu/>



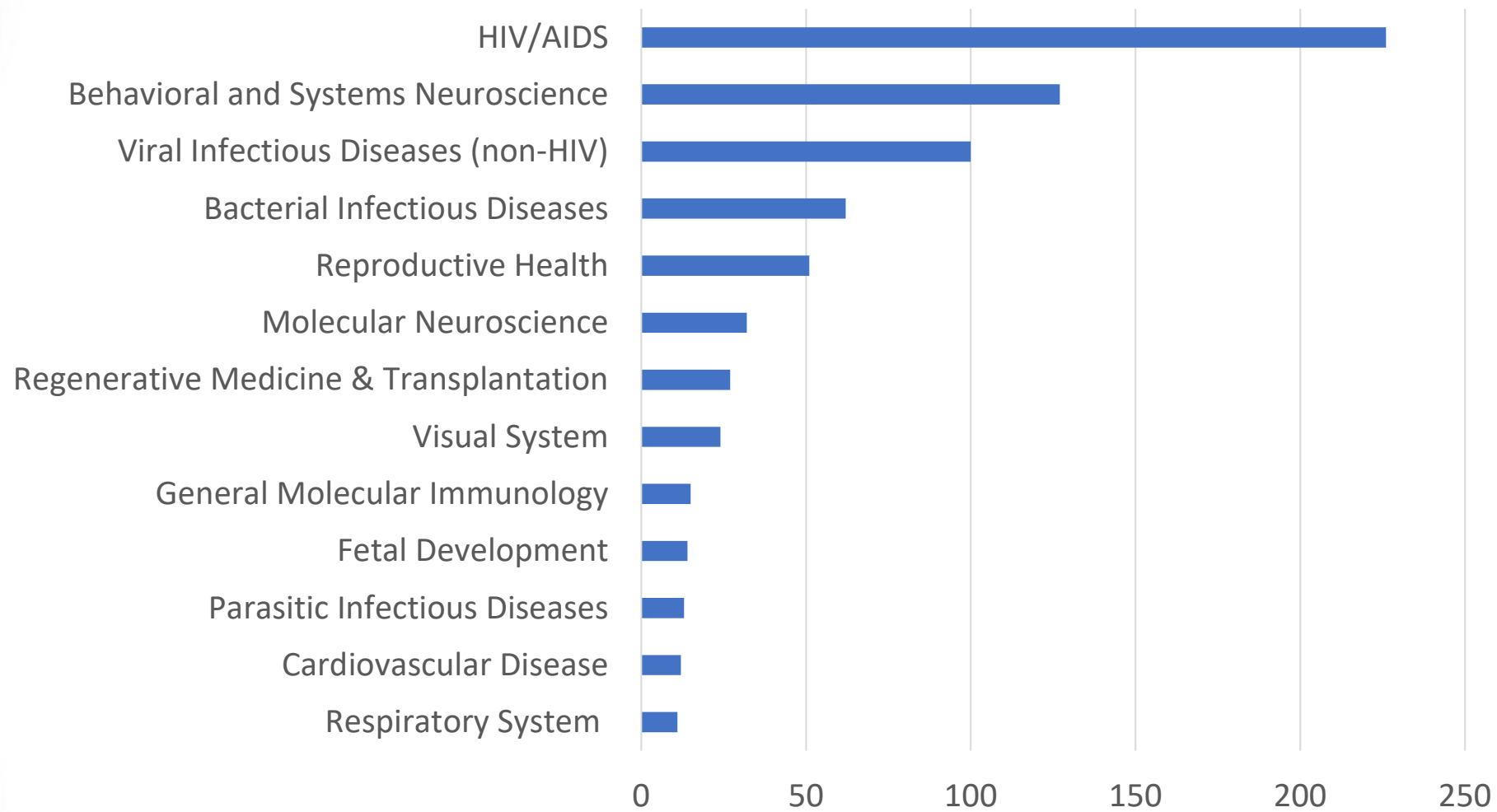
Snapshot of Accomplishments (FY23)

- **871 research projects supported**
- **1,769 investigators supported; 79% of these were not NPRC-affiliated scientists**
- **~2,000 NHPs assigned to studies per year by NPRCs**
- **85,289 NHP samples distributed to investigators**
- **439 publications (i.e., peer-reviewed articles and reviews)**
- **685 trainees supported (i.e., students, pre/post-doctoral, veterinary)**



Research Projects at the NPRCs (FY23)

Research Areas

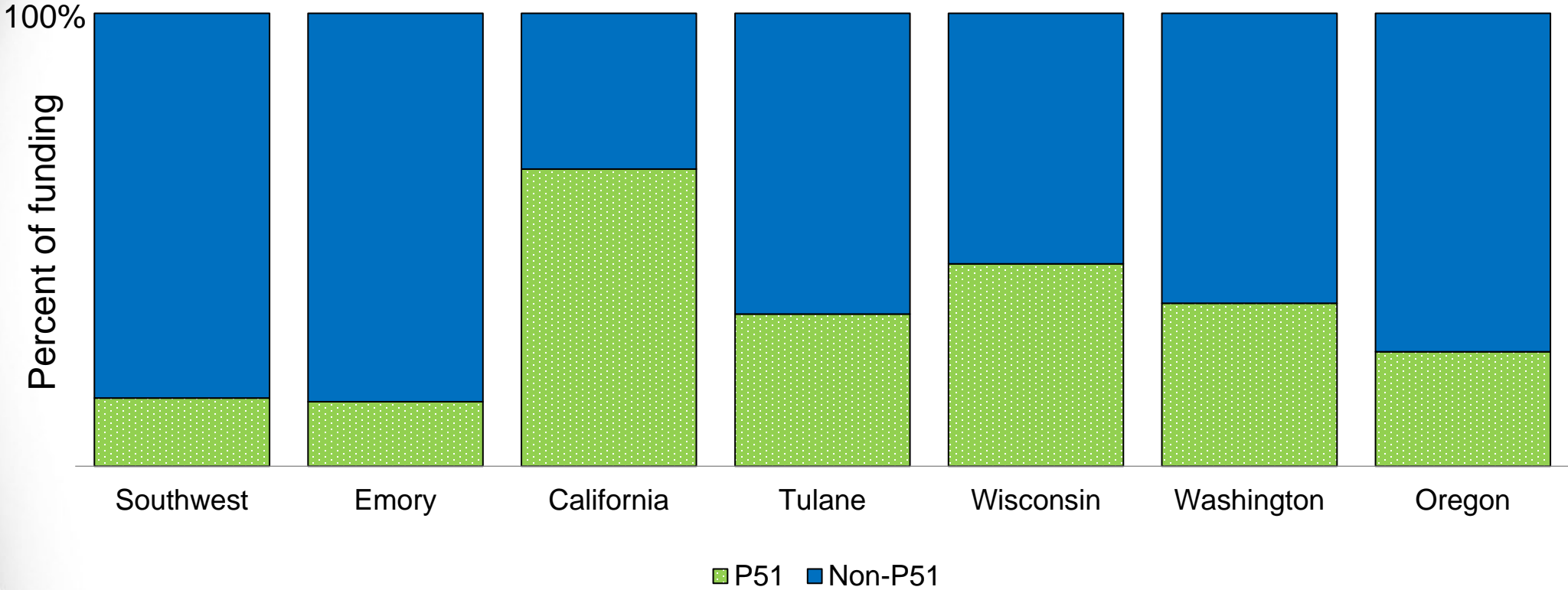


Number of Projects



Leveraging the P51 Base Grant (FY23)

Total Support in FY23

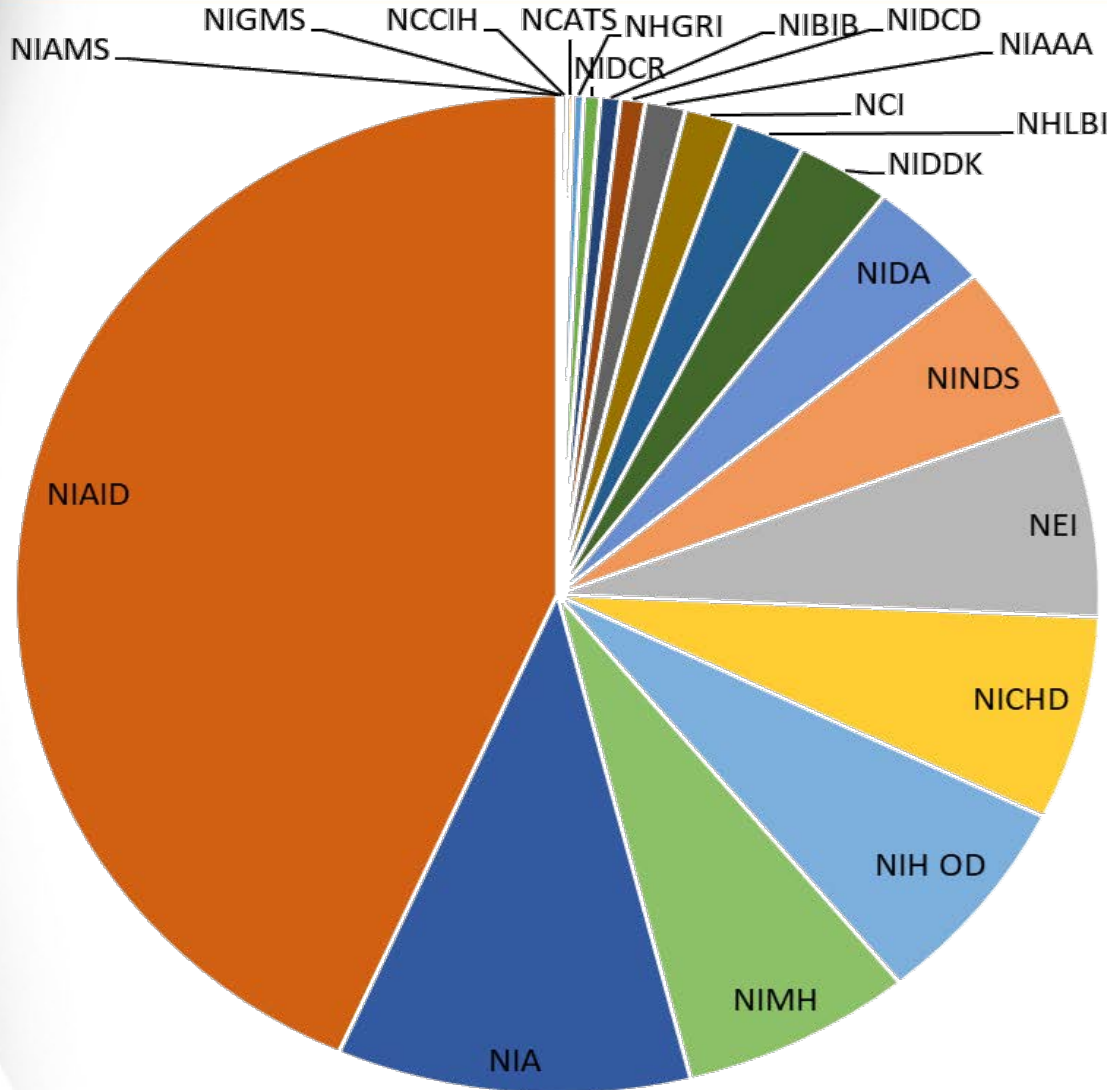


Concept Clearance

***Vote for approval of the concept for the
“National Primate Research Centers Program.”***



Planned Extramural Use of NHPs by NIH ICOs, FY18–FY22



- NIAMS
- NIGMS
- NCCIH
- NCATS
- NHGRI
- NIDCR
- NIBIB
- NIDCD
- NIAAA
- NCI
- NHLBI
- NIDDK
- NIDA
- NINDS
- NEI
- NICHD
- NIH OD
- NIMH
- NIA

Planned Use by
ICO, FY18–22,
Excluding
Infrastructure/
Resource Awards

