

NIH > The BRAIN Initiative®

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# **BRAIN Initiative Investigator Demographics FY14-FY20**

To support the best science, the NIH BRAIN Initiative encourages inclusivity in research. Examples of types of diversity include but are not limited to:

## **Transdisciplinary research**

- Collaborations among neuroscientists and researchers from fields such as computational biology, physics, engineering, mathematics, computer and data sciences, and bioethics

## **Individuals from diverse backgrounds**

- Such as underrepresented racial and ethnic groups, those with disabilities, those from disadvantaged backgrounds, and women

## **Career stage**

- Teams composed of researchers at different career stages

## **Institution “type”**

- Engagement from different types of institutions and organizations (e.g., research-intensive, undergraduate focused, minority-serving, community-based)

## **Geographic distribution**

- Individual applications and partnerships that enhance geographic and regional heterogeneity



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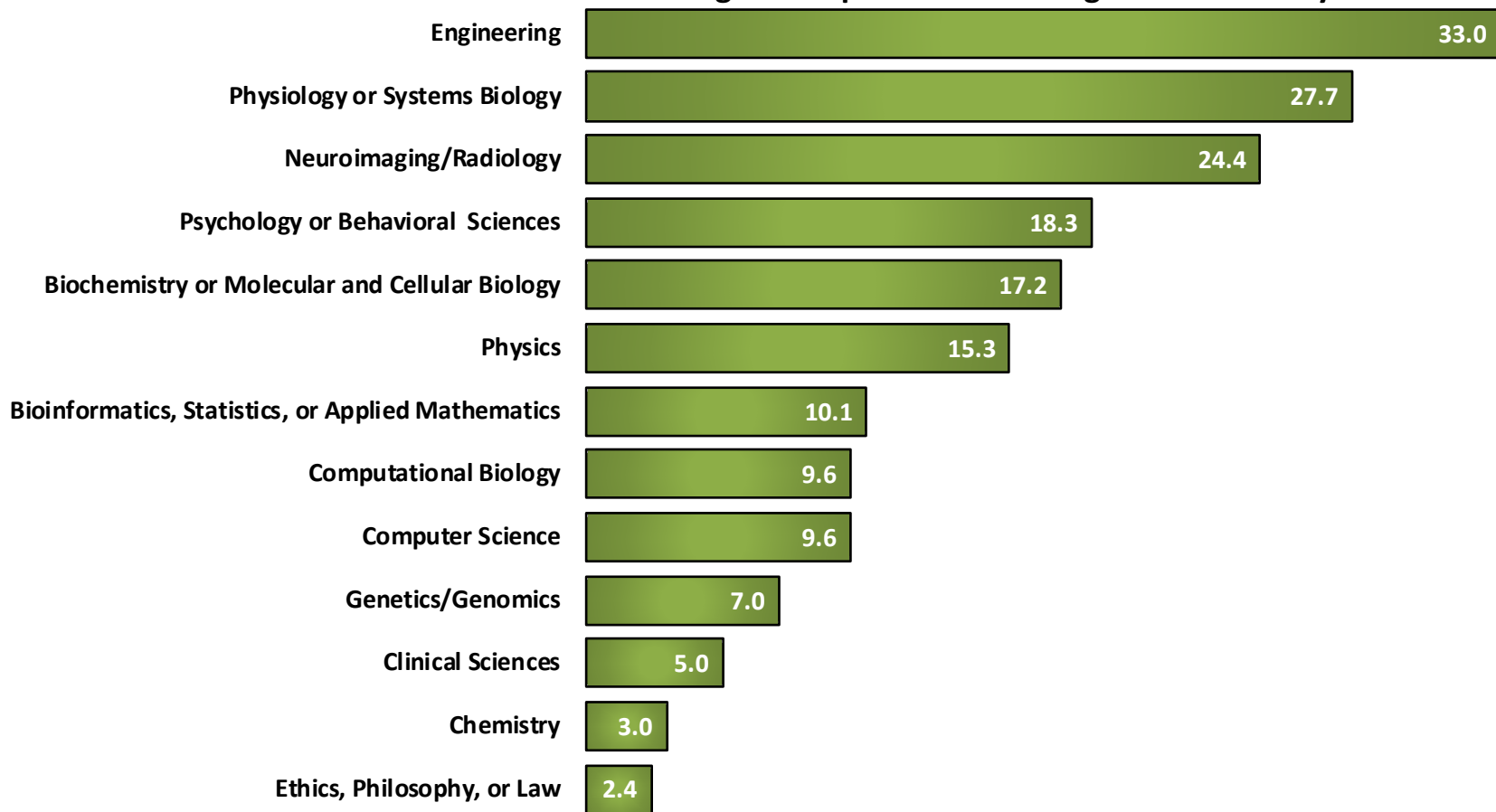
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## Research Expertise of 2020 NIH-Funded BRAIN Scientists

Percentage of Responders Indicating Each As Primary or Secondary Field (%)

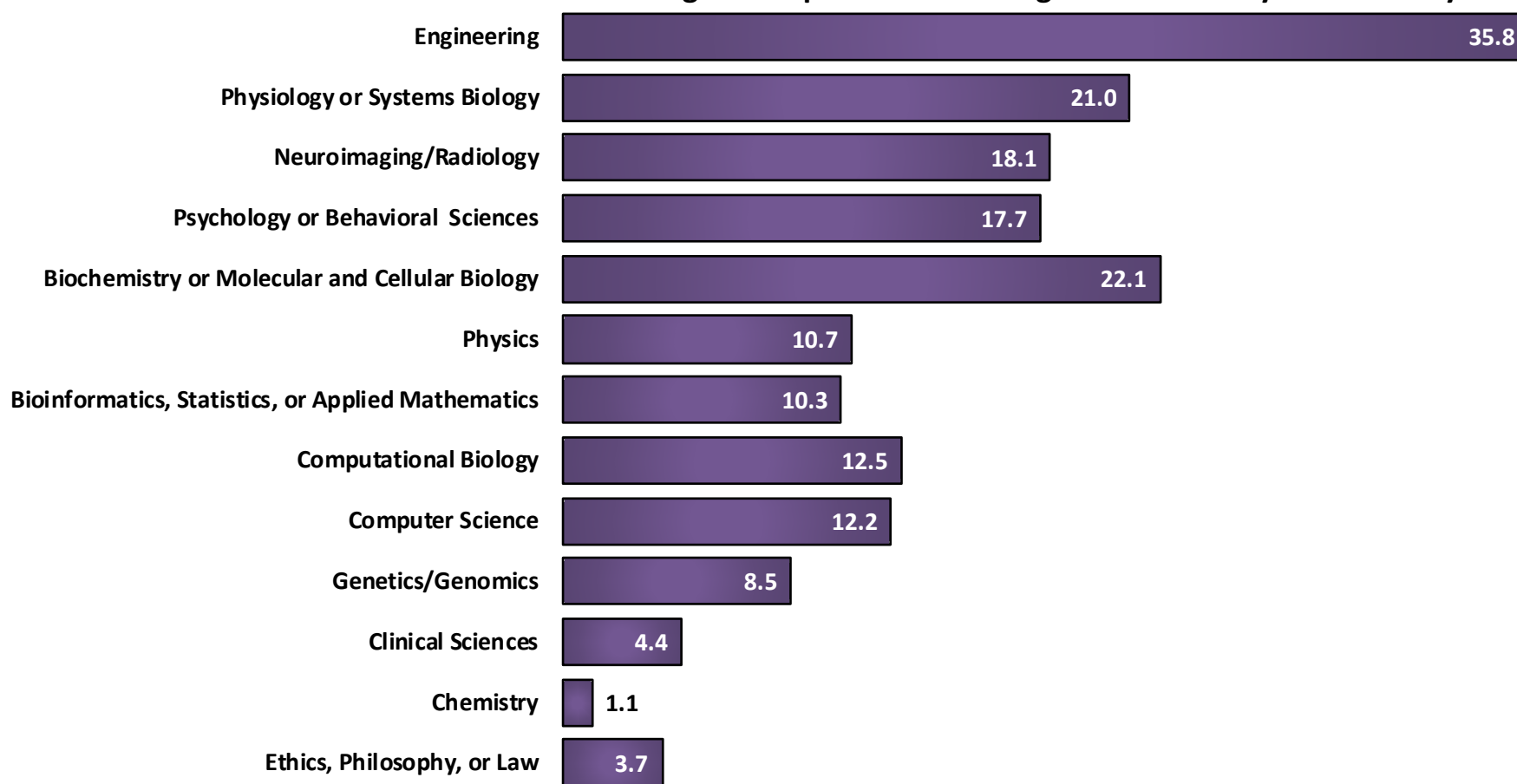


Investigator Discipline is Collected During BRAIN Investigator Meeting Registration



## Research Expertise of 2020 NIH-Funded BRAIN Trainees

Percentage of Responders Indicating Each As Primary or Secondary Field (%)



Investigator Discipline is Collected During BRAIN Investigator Meeting Registration



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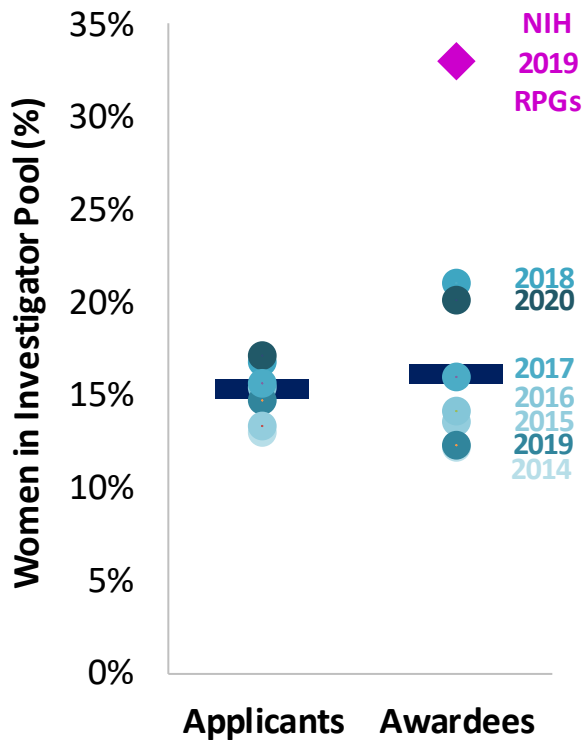
## Geographic distribution

- Individual applications and partnerships that enhance geographic and regional heterogeneity

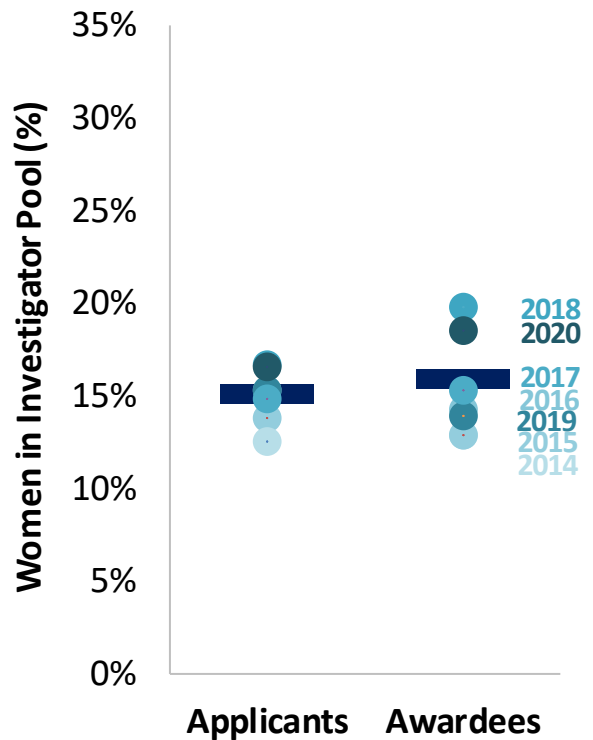


## Gender of BRAIN Initiative Investigators

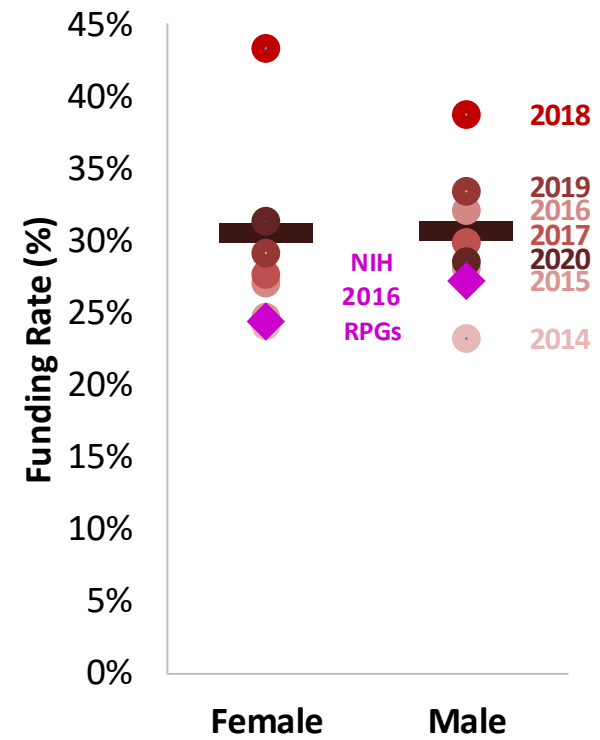
### Women - Contact PIs



### Women - All PIs/MPIs



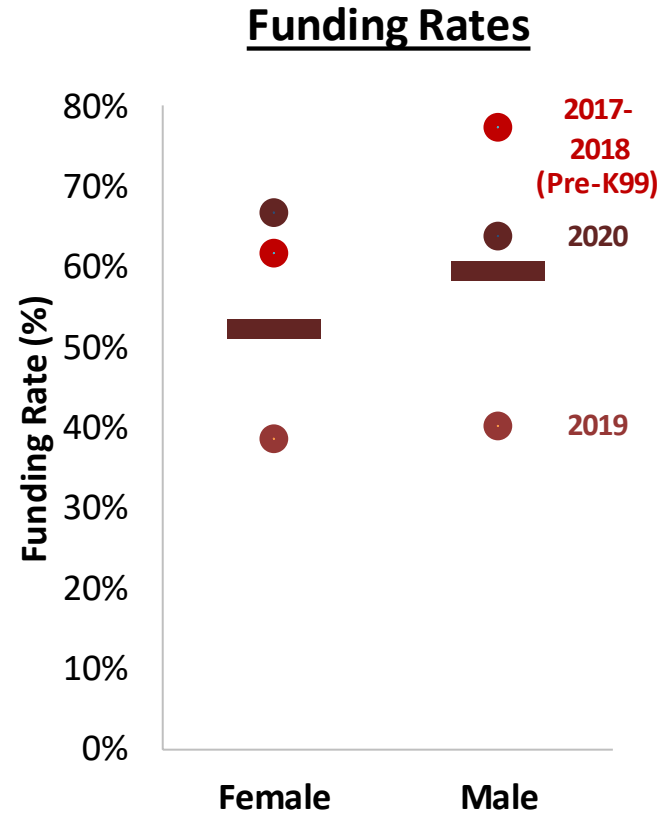
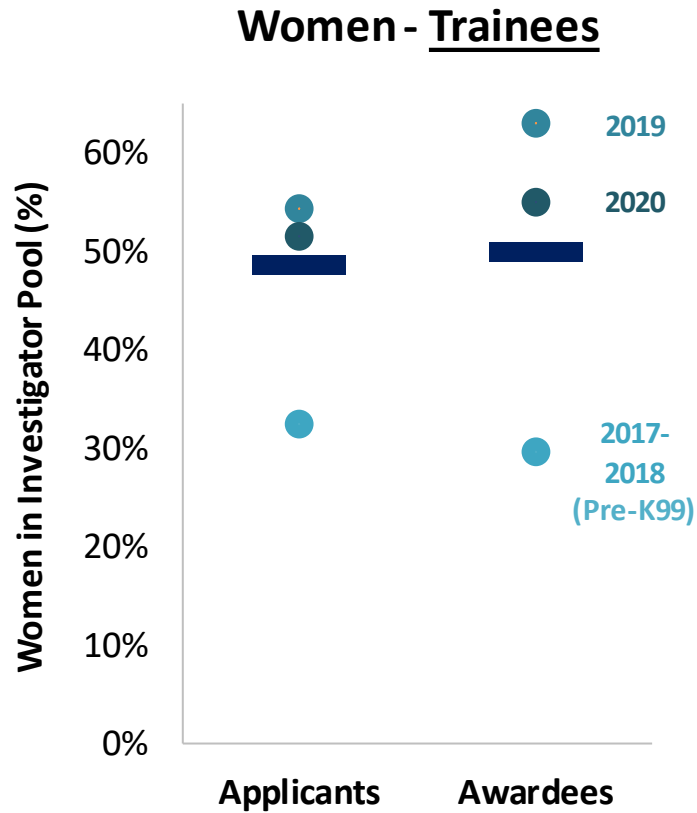
### Funding Rates



Unknown = 1-10% Overall



## Gender of BRAIN Initiative Trainees



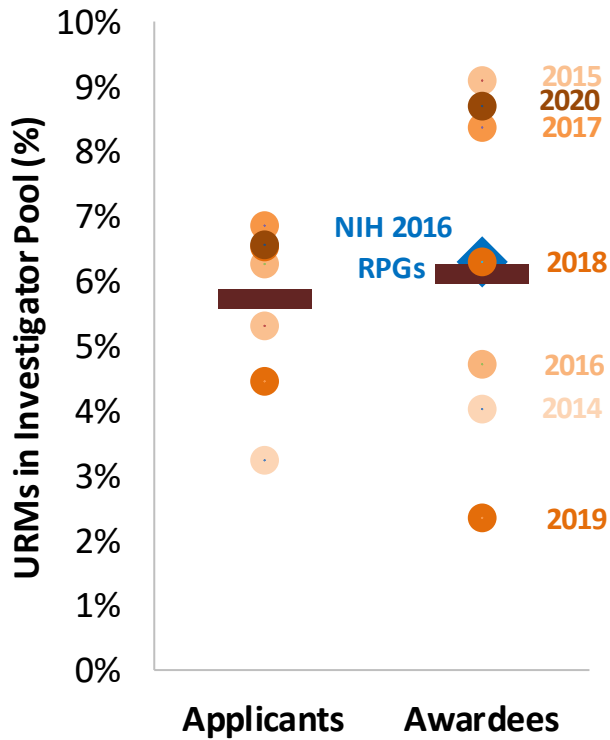
Unknown = 0-15% Overall



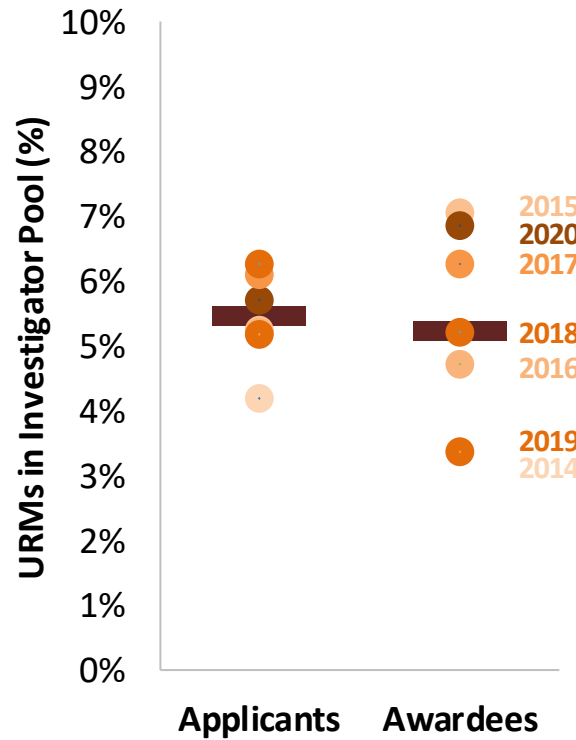


## Race/Ethnicity of BRAIN Initiative Investigators

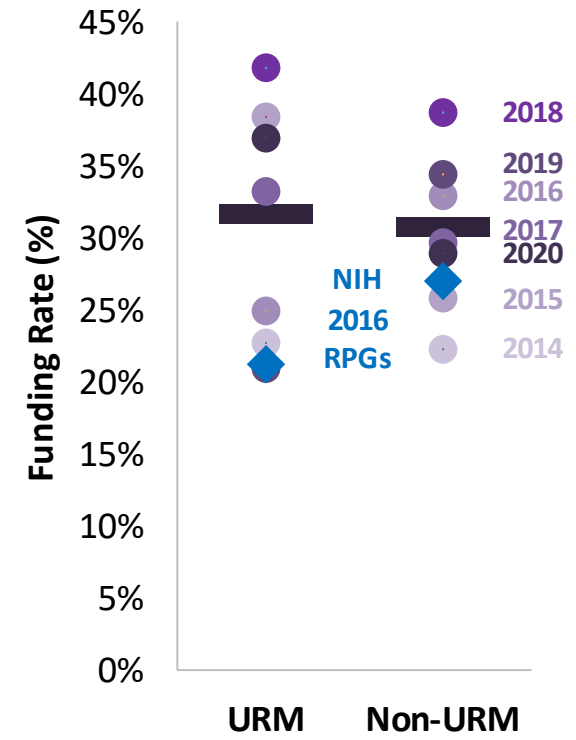
**URMs - Contact PIs**



**URMs - All PIs/MPIs**



**Funding Rates**



Unknown = 11-20% Overall



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## Institution “type”

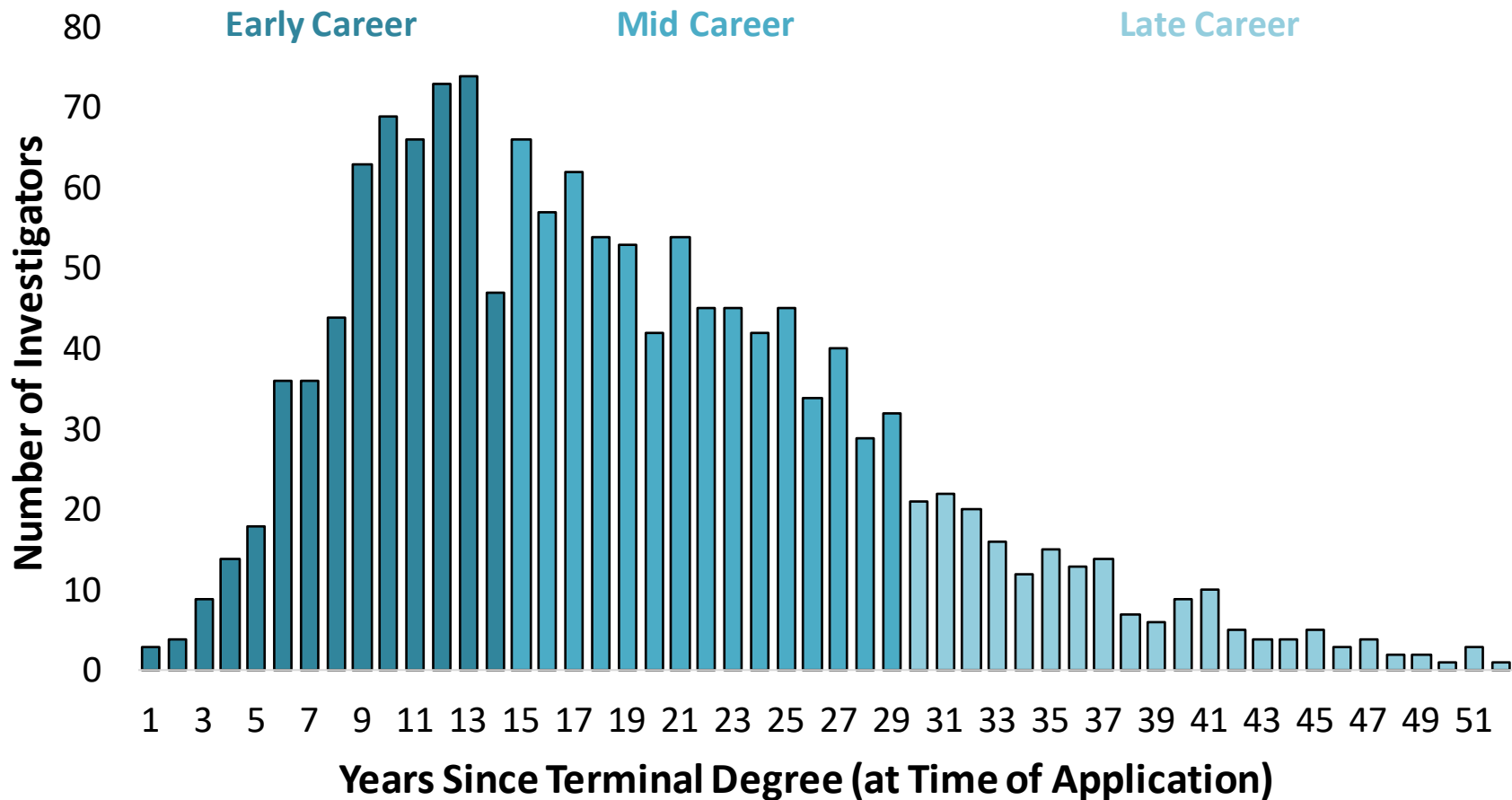
- Engagement from different types of institutions and organizations (e.g., research-intensive, undergraduate focused, minority-serving, community-based)

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# Career Stage of BRAIN Initiative Investigators



# Career Stage of BRAIN Initiative Investigators

## Early Career

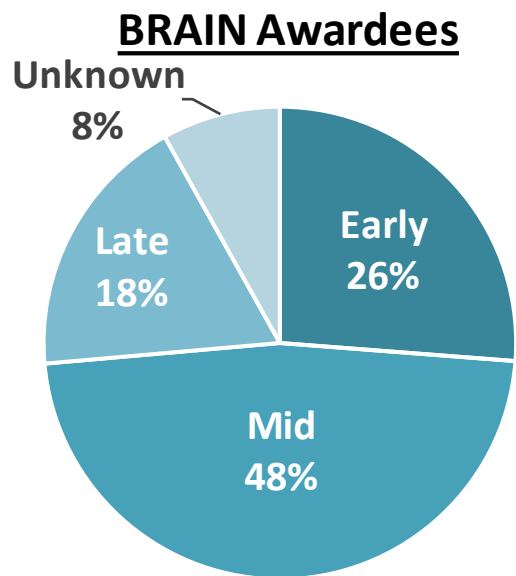
- 0-14 years since terminal degree

## Mid Career

- 15-29 years since terminal degree

## Late Career

- 30+ years since terminal degree

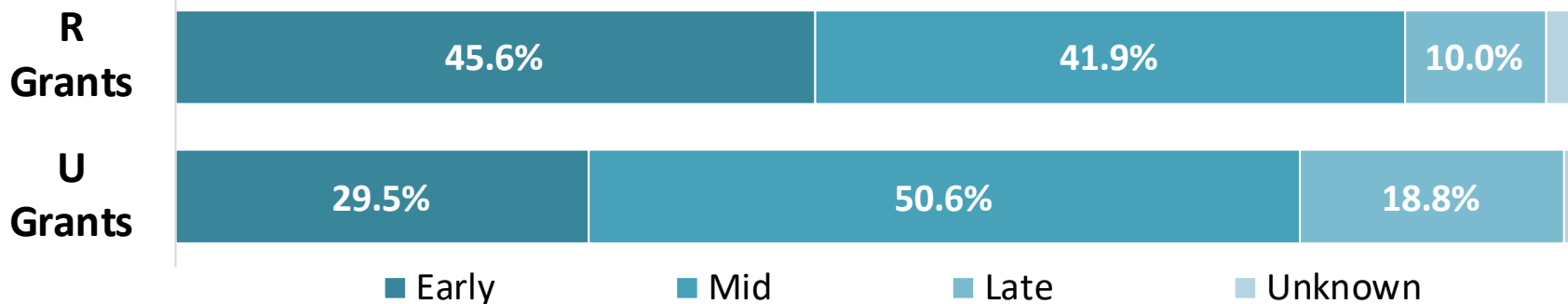


## Funding Rates

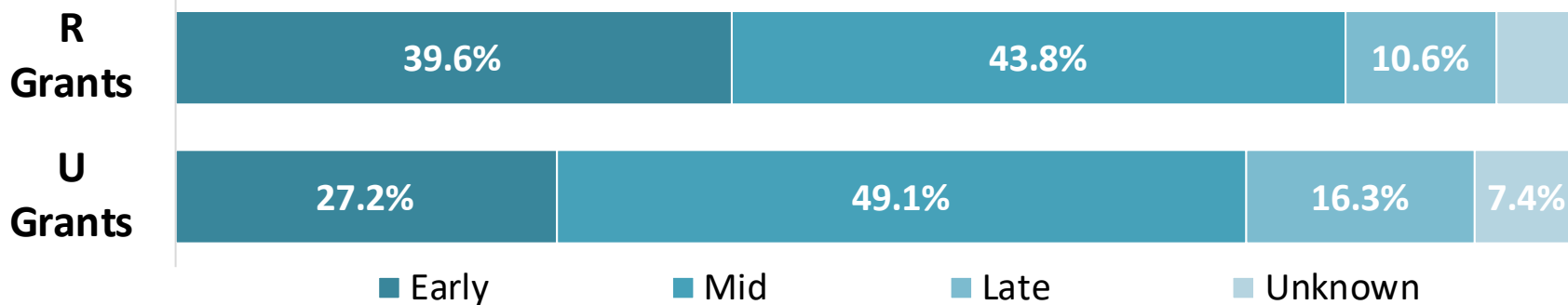


# Career Stage by Type of Grant

## Awardee Career Stage - Contact PIs



## Awardee Career Stage - All PIs/MPIs



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- Such as individuals with disabilities

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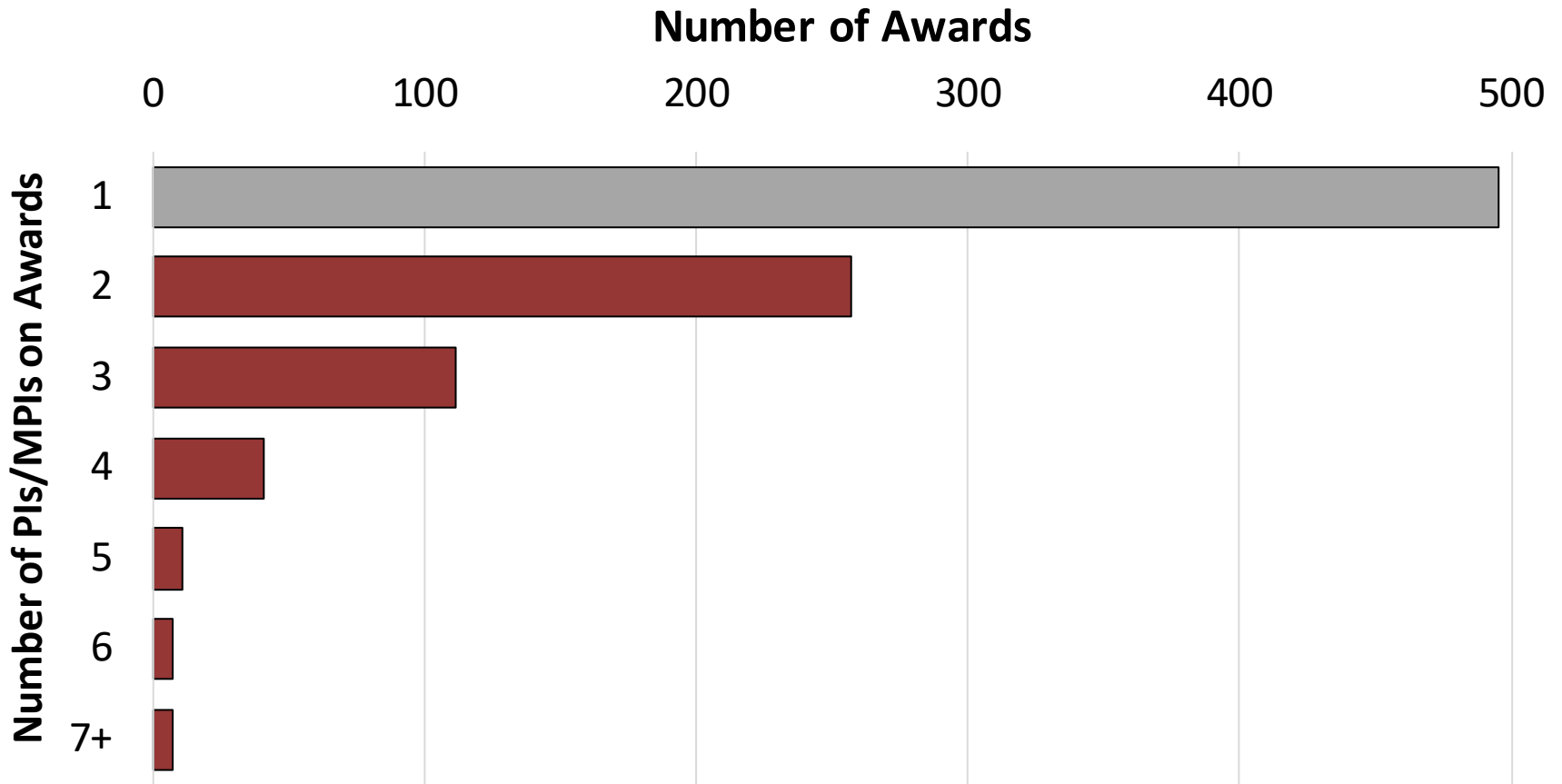
- Individual applications and partnerships that enhance geographic and regional heterogeneity

### **Team Science**

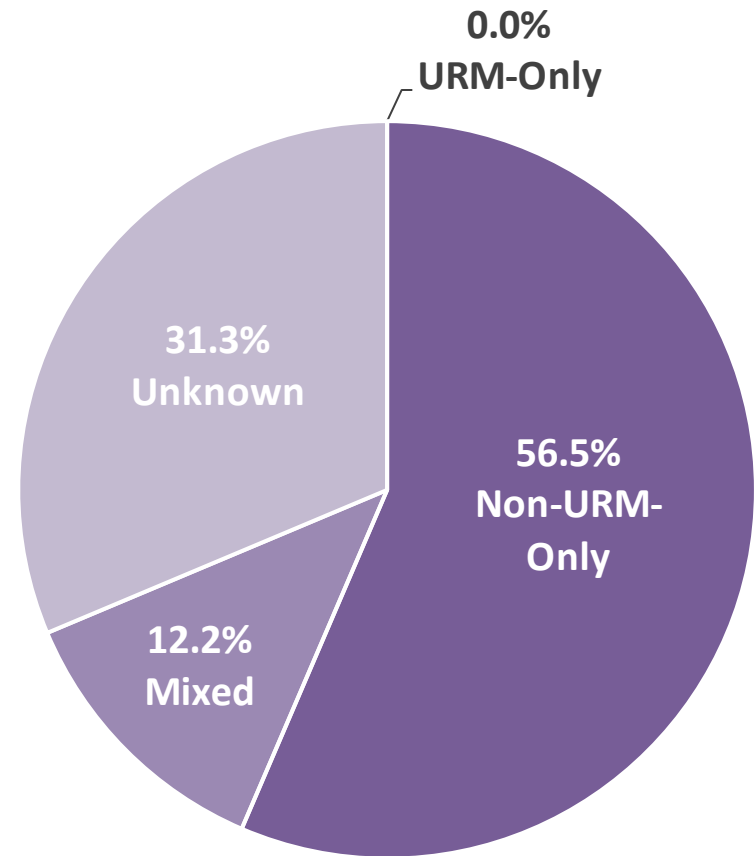
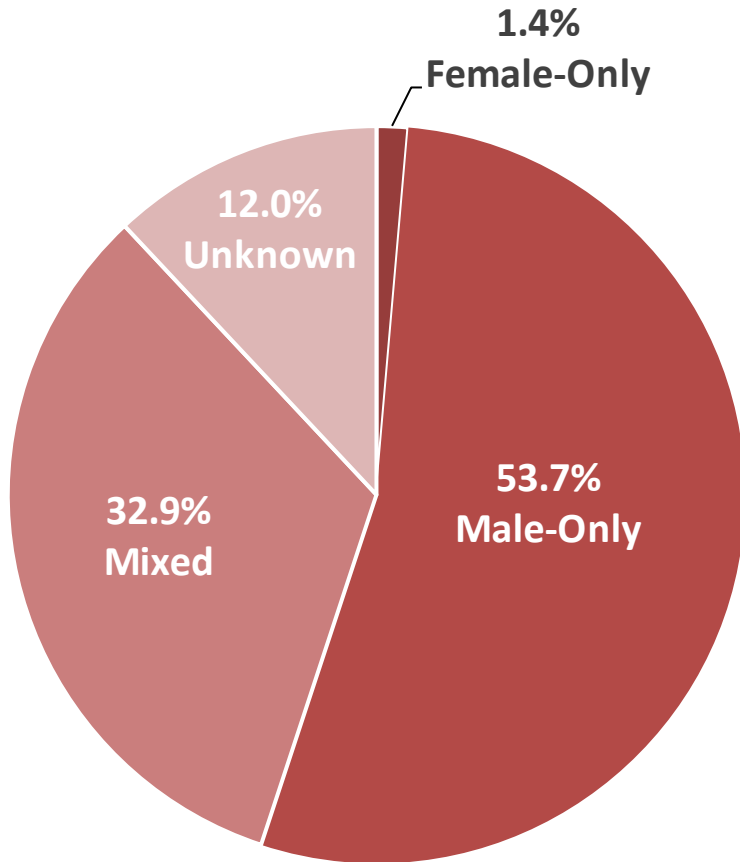
- Diversity among persons represented on multi-investigator project teams



# 47% of BRAIN Awards Have Multiple PIs

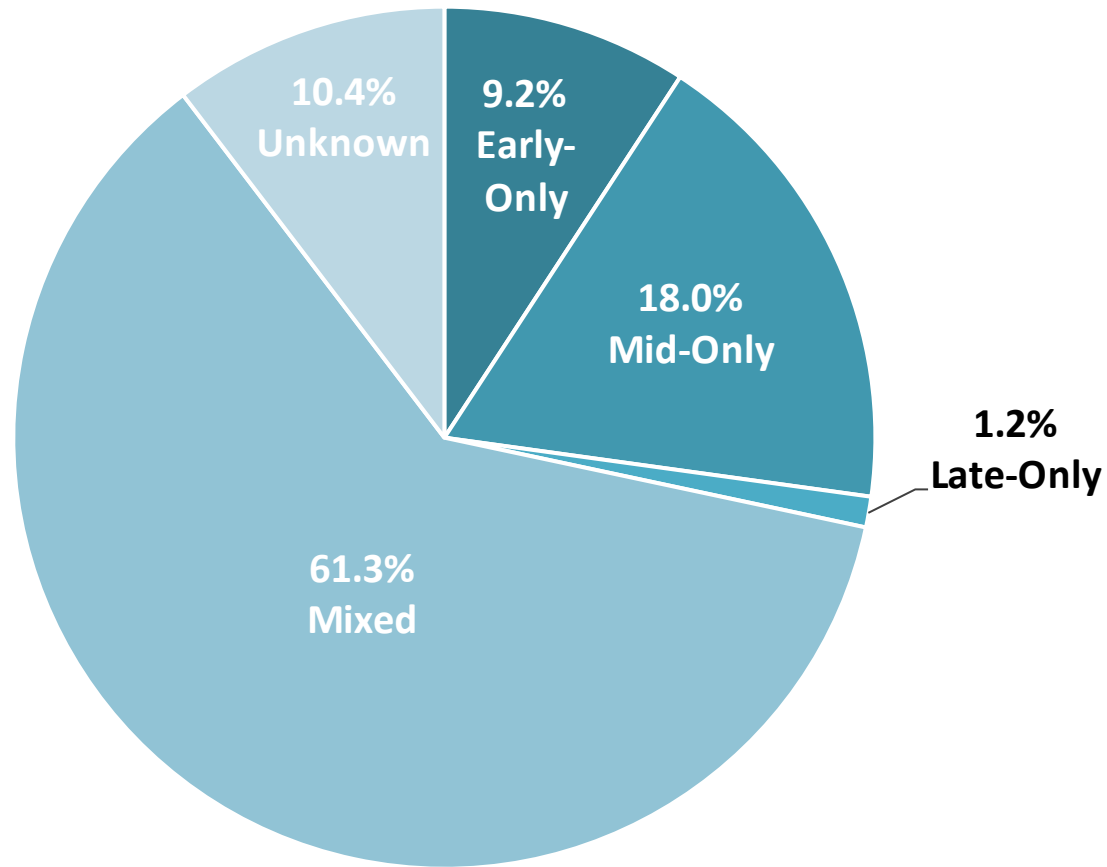


# Most Multi-PI Teams are Male and Well-Represented





# Most Multi-PI Teams Have a Mix of Career Stages



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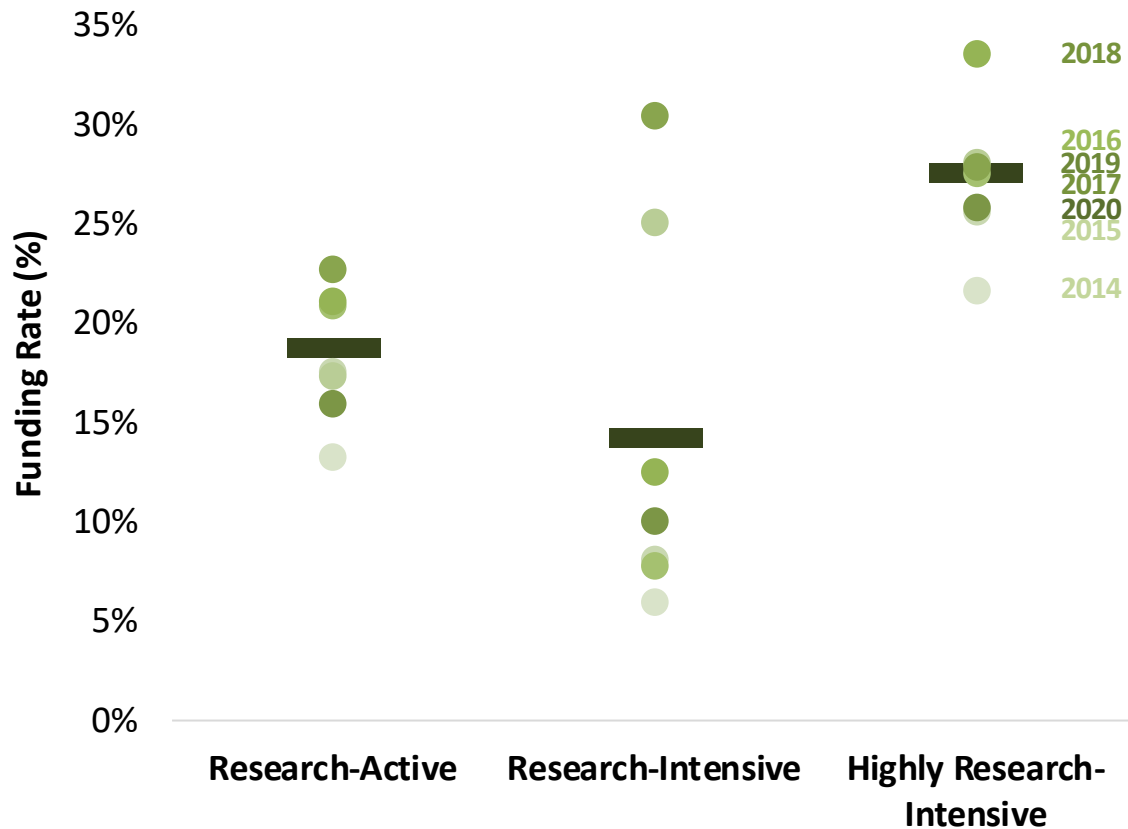
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## NIH Support of BRAIN Applicant Institutions

Funding Rates by Institutional NIH Funding



### Research-Active

- < \$7.5M/y NIH RPG funding

### Research-Intensive

- \$7.5-20M/y NIH RPG funding

### Highly Research-Intensive

- > \$20M/y NIH RPG funding



# Minority Designation of BRAIN Applicant Institutions

## NIH-Designated Minority-Serving Institutions

- Predominantly Black Institutions
- Historically Black Colleges & Universities
- NIH Tribal Colleges & Universities
- NIH Hispanic Serving Institutions
- Asian American and Pacific Islanders Serving Institutions
- American Indian and Alaska Native Serving Institutions

Funding Rates by NIH Minority Designation



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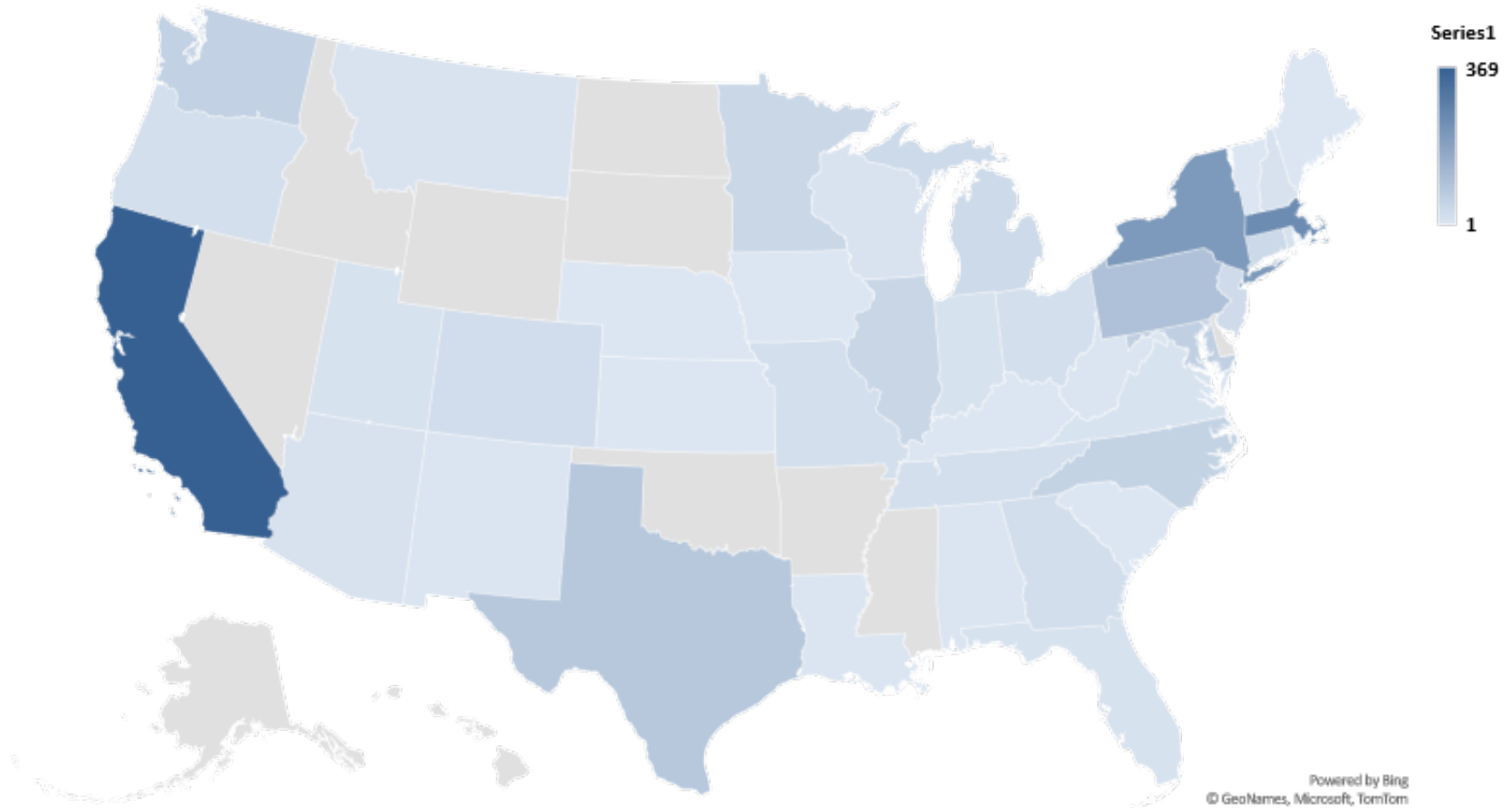
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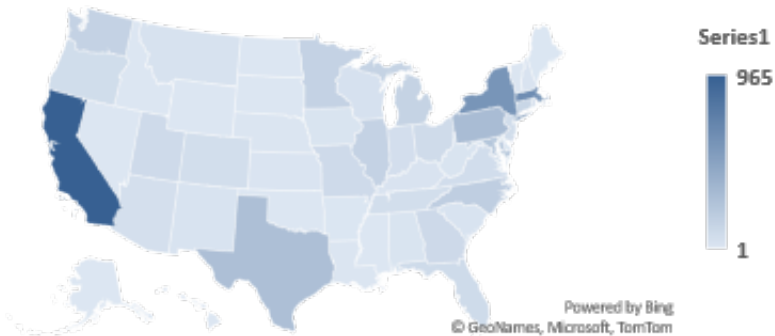


## Awarded BRAIN Initiative U.S. Performance Sites

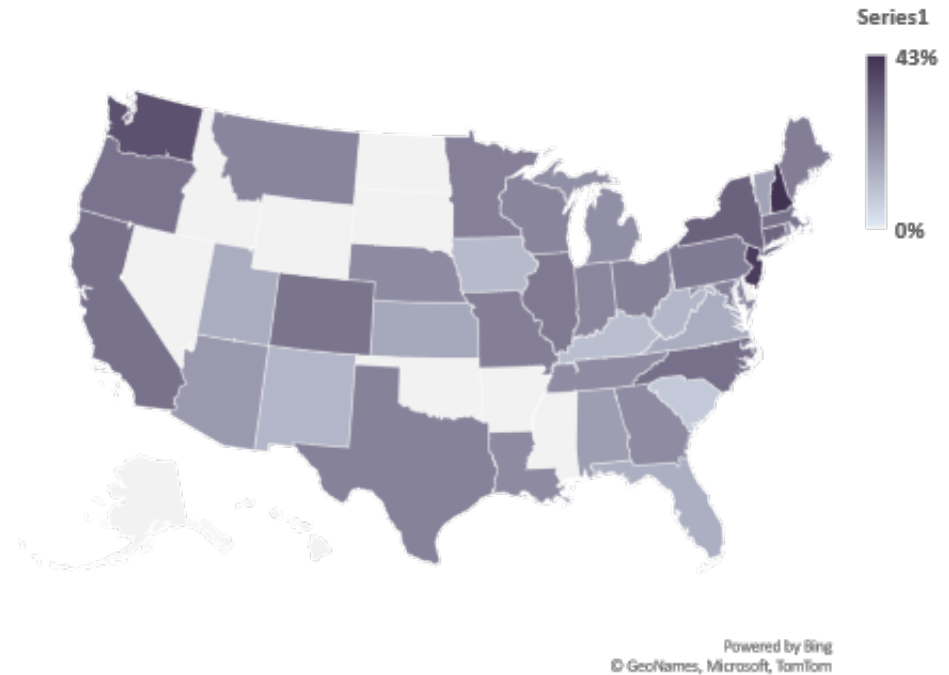


## BRAIN Initiative Applications to U.S. Performance Site States

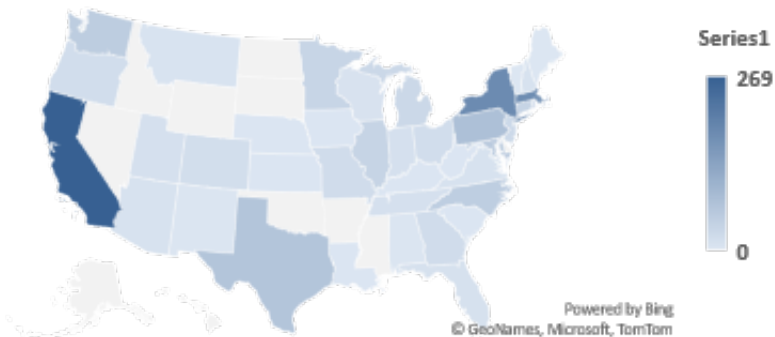
### BRAIN Initiative Performance Site Applications



### BRAIN Initiative Performance Site Funding Rates



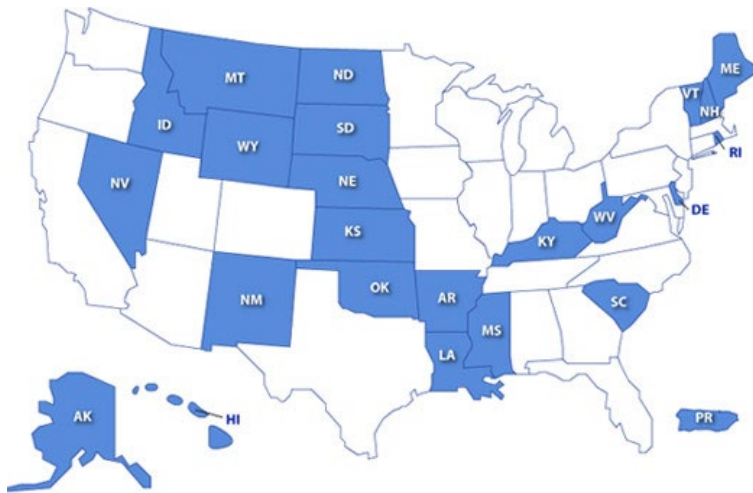
### BRAIN Initiative Performance Site Awards



## IDeA Eligibility of BRAIN Initiative Performance Sites

### IDeA States

- States and territories that have historically received low levels of support from NIH



### Funding Rates

