

**All
of Us**
RESEARCH PROGRAM



The NIH *All of Us* Research Program

Accelerating Health Research Through Community Engagement

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National Institutes of Health

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What We Hope to Accomplish Today

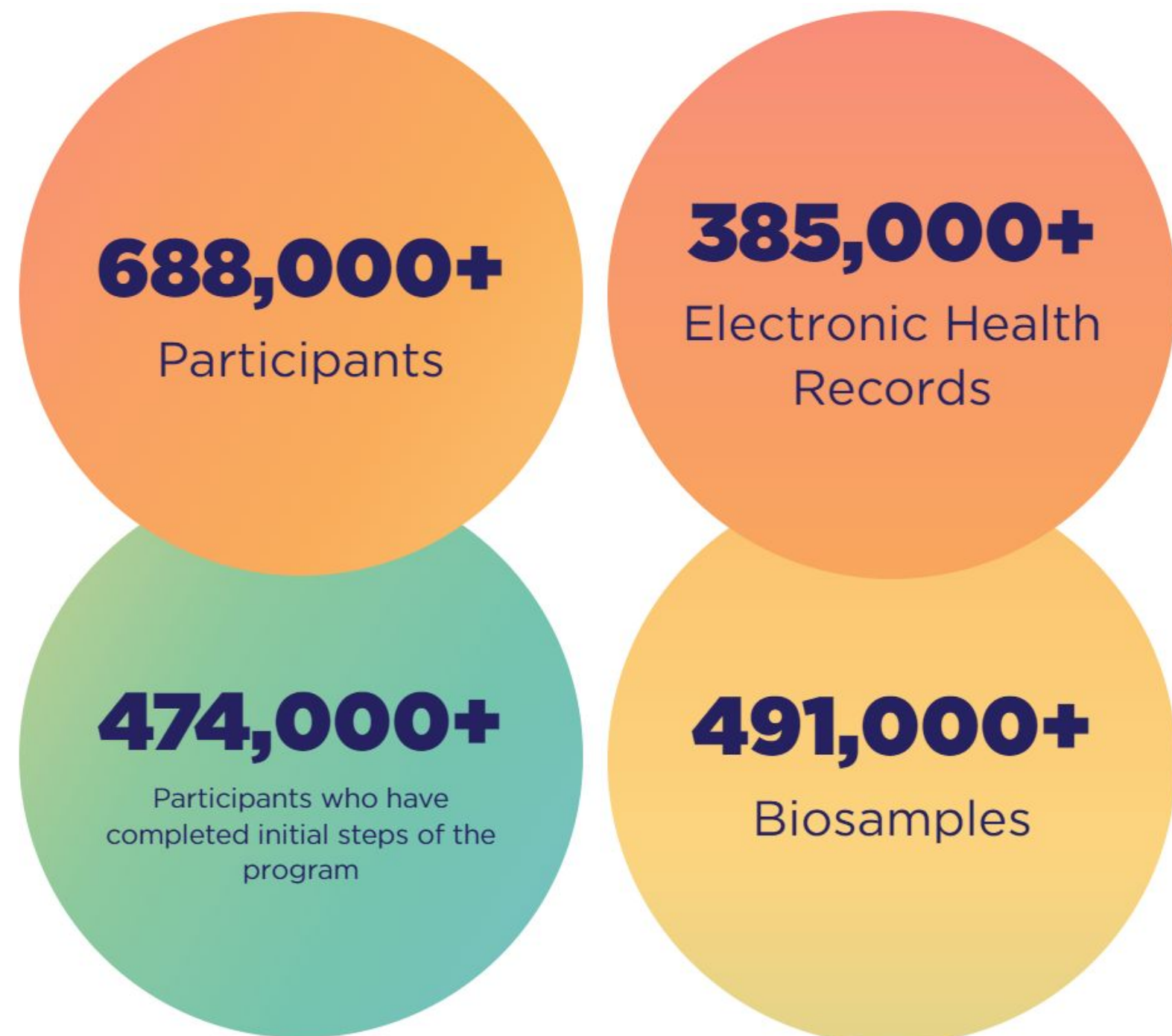
1. **INTRODUCE** the *All of Us* Research Program.
2. **DISCUSS** the importance of advancing genomics through community engagement by including populations underrepresented in biomedical research (UBR).
3. **HIGHLIGHT** the program's Community and Participant Engagement Framework.



The NIH *All of Us* Research Program

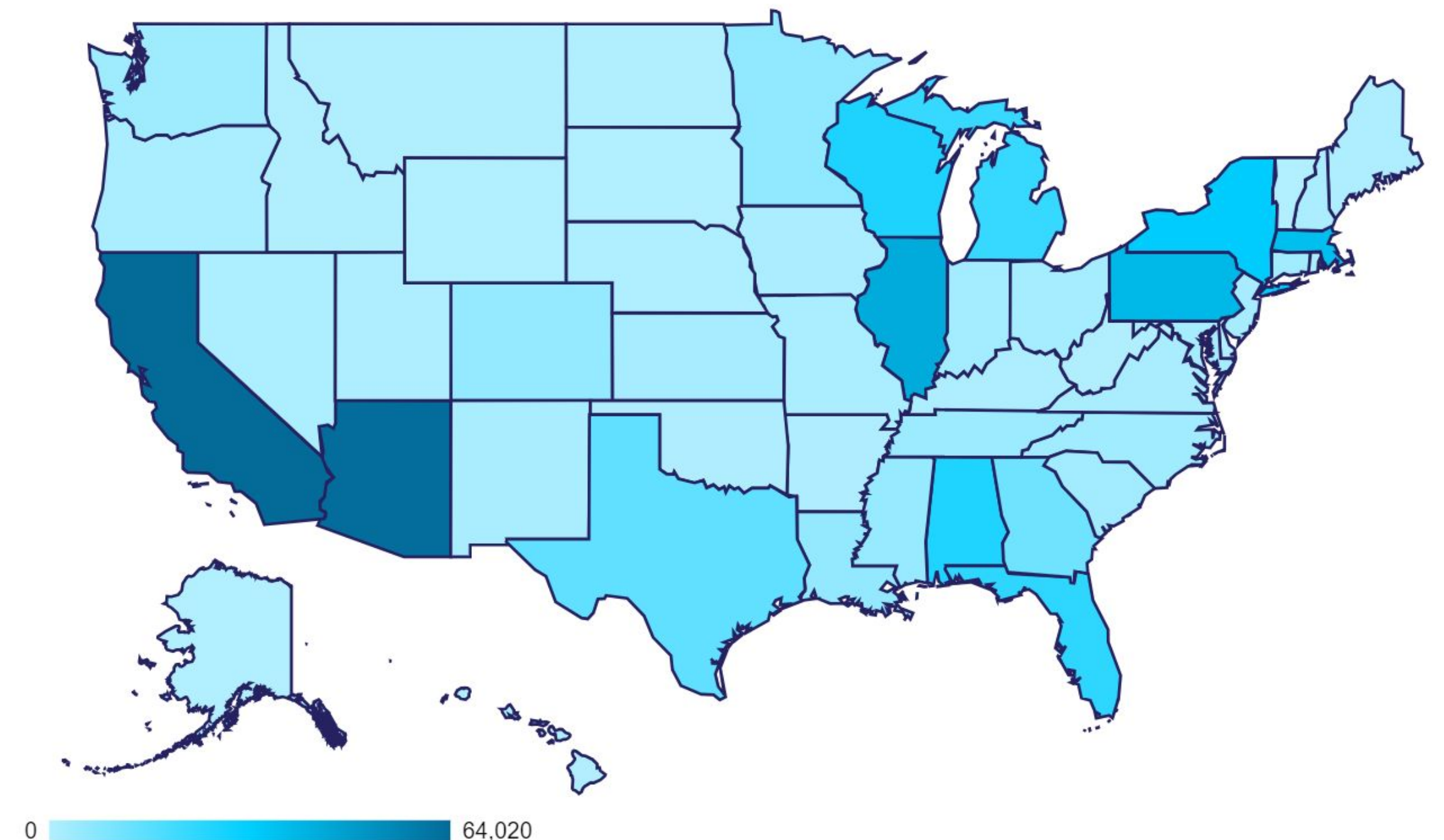
The *All of Us* Research Program is a historic, longitudinal effort to **gather data from one million or more people** living in the United States.

Mission: To accelerate health research and medical breakthroughs, enabling individualized prevention, treatment, and care for all of us.



GEOGRAPHY

Number of participants in each state who have completed the initial steps of the program.



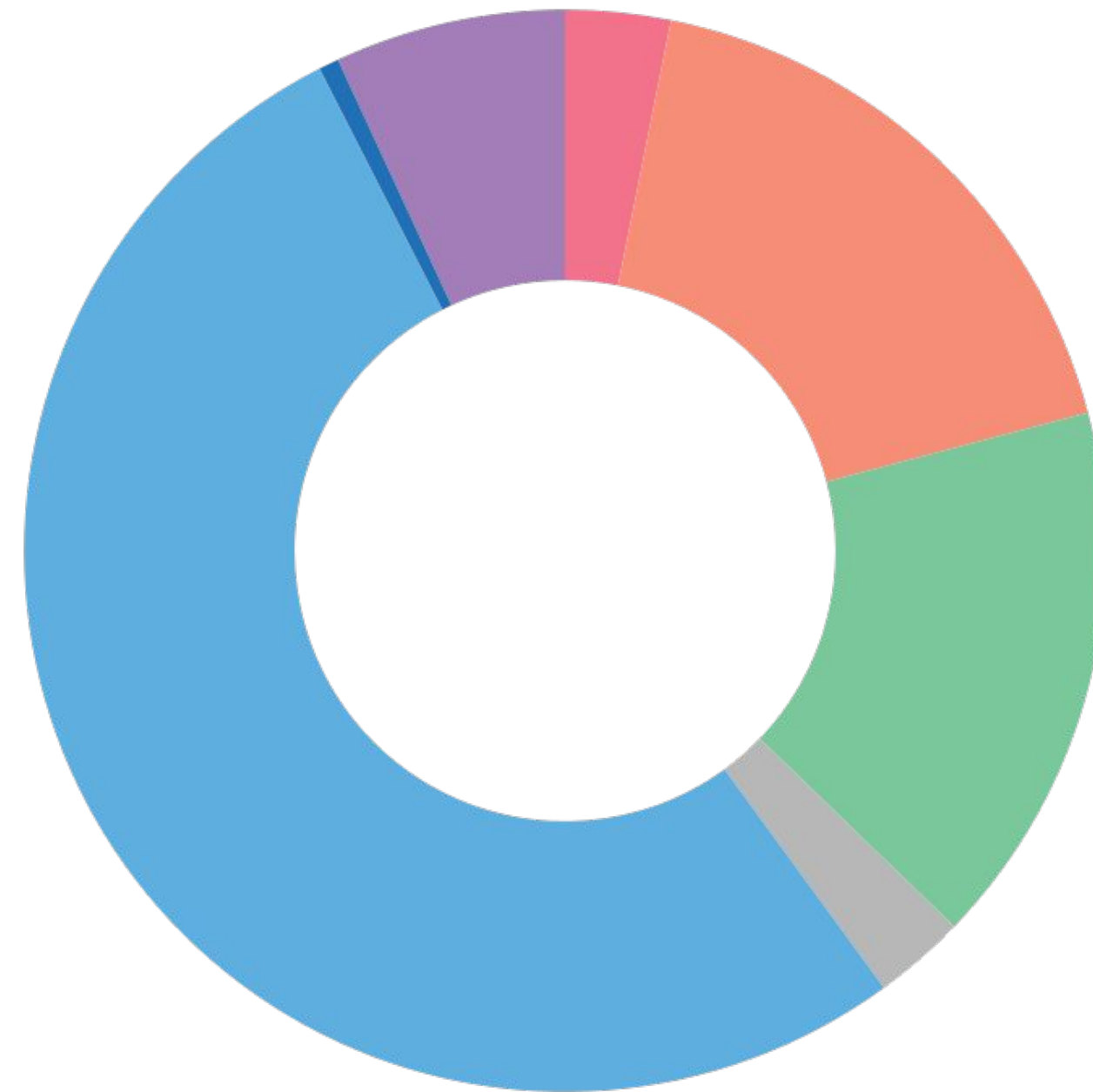
Note: Recruitment partners are located throughout the United States. Areas with a robust clinic presence will have a greater percentage of participants. As the program adds more sites and other ways to enroll, this map will become more uniform over time.

Data current as of August 4, 2023

All of Us Participant Diversity

All of Us Research Program

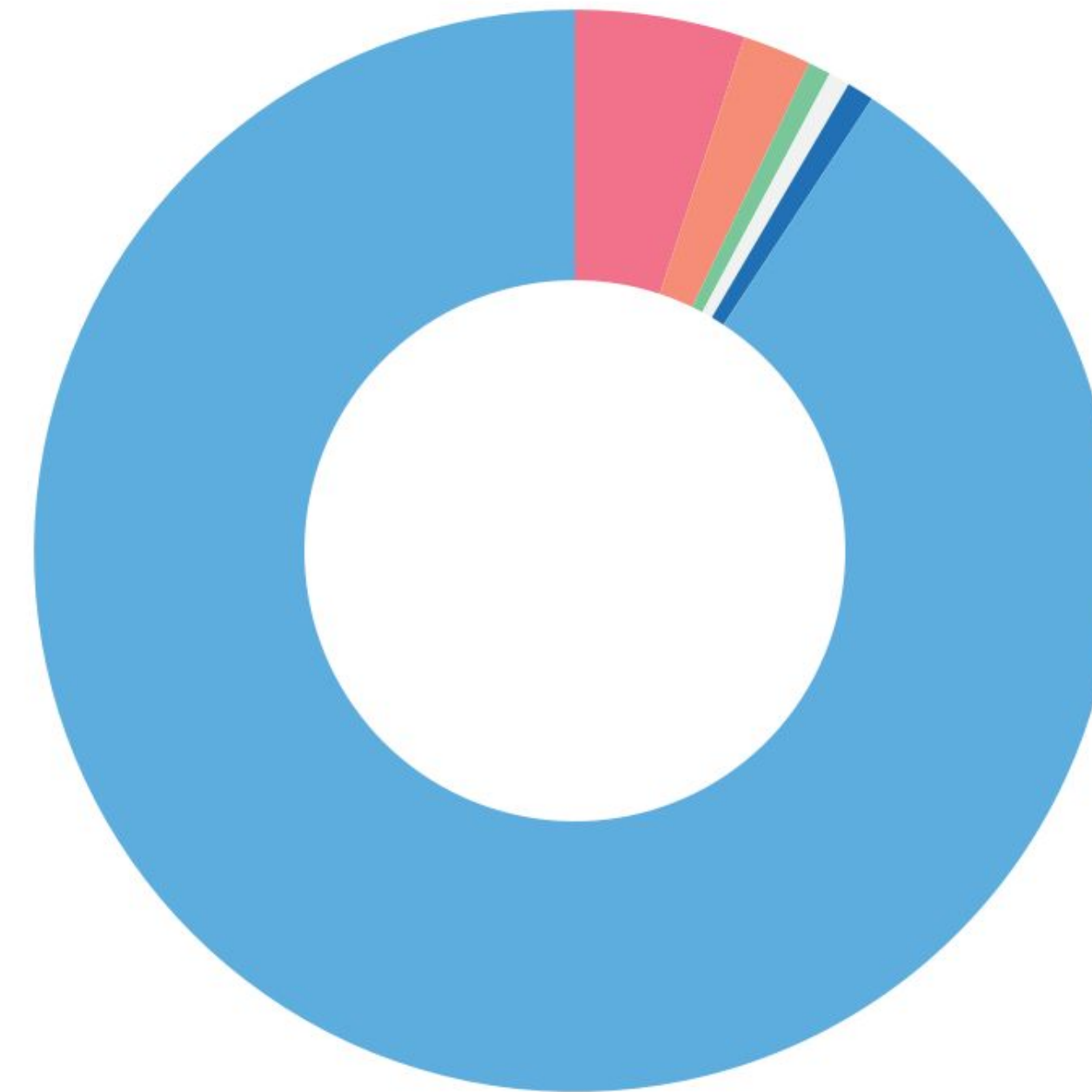
- Asian 3.10%
- BAA 17.5%
- H/L 16.1%
- MENA, NHPI, or None fully describe me 2.7%
- White 51.8%
- Prefer not to say 0.60%
- More than one race 6.8%



Source: [All of Us Research Program Data Snapshots, Race and Ethnicity](#)
(Updated July 3, 2023)

Other Genomic Studies

- Asian 5.08%
- African American or Afro-Caribbean 2.06%
- African 0.67%
- H/L 0.64%
- Other/More than one 0.81%
- White/European Descent 90.74 %



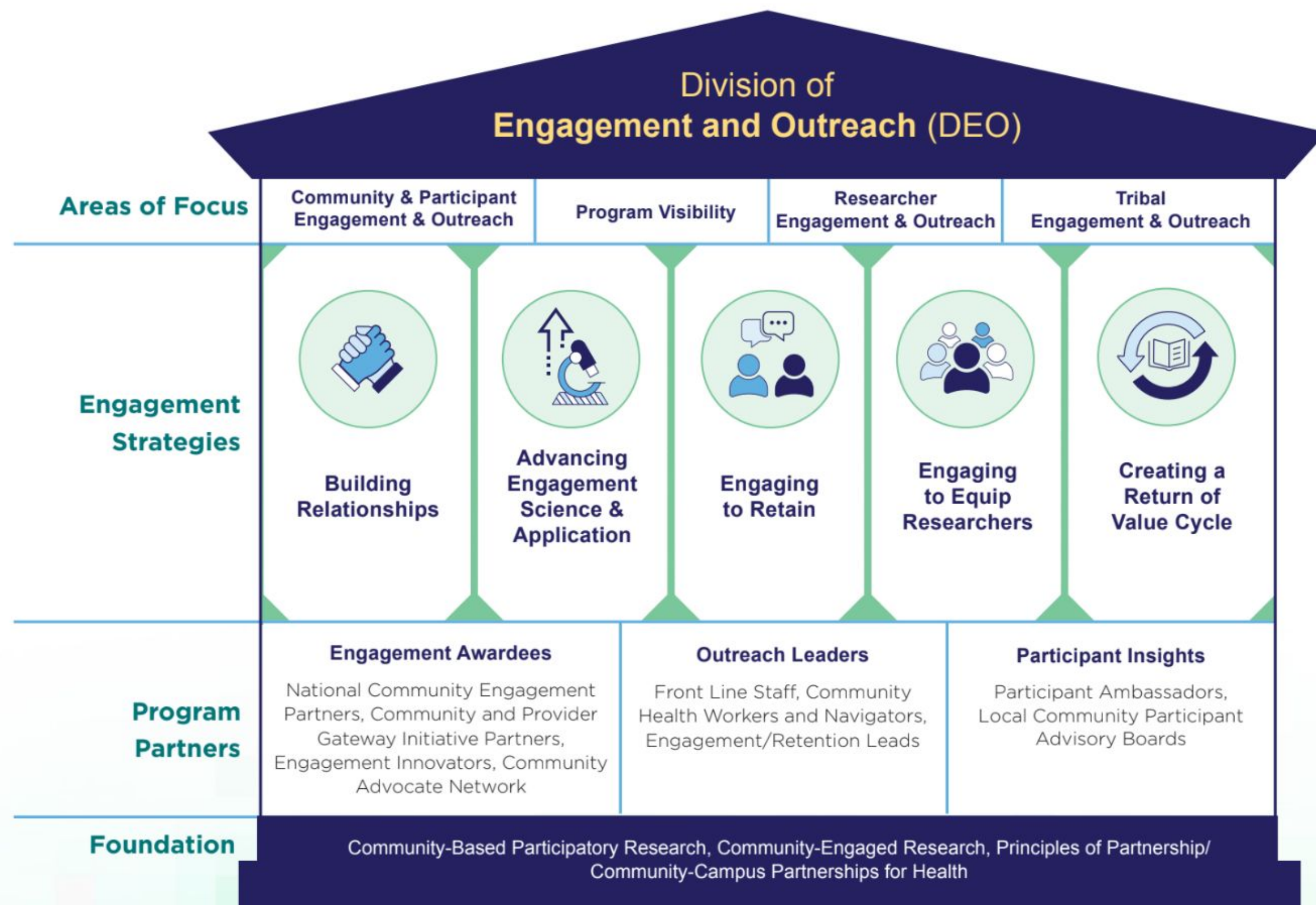
Source: CY2022 [Global Genome Wide Association Studies \(GWAS\)](#)
(Updated June 14, 2023)

Over 80% of UBR participants.

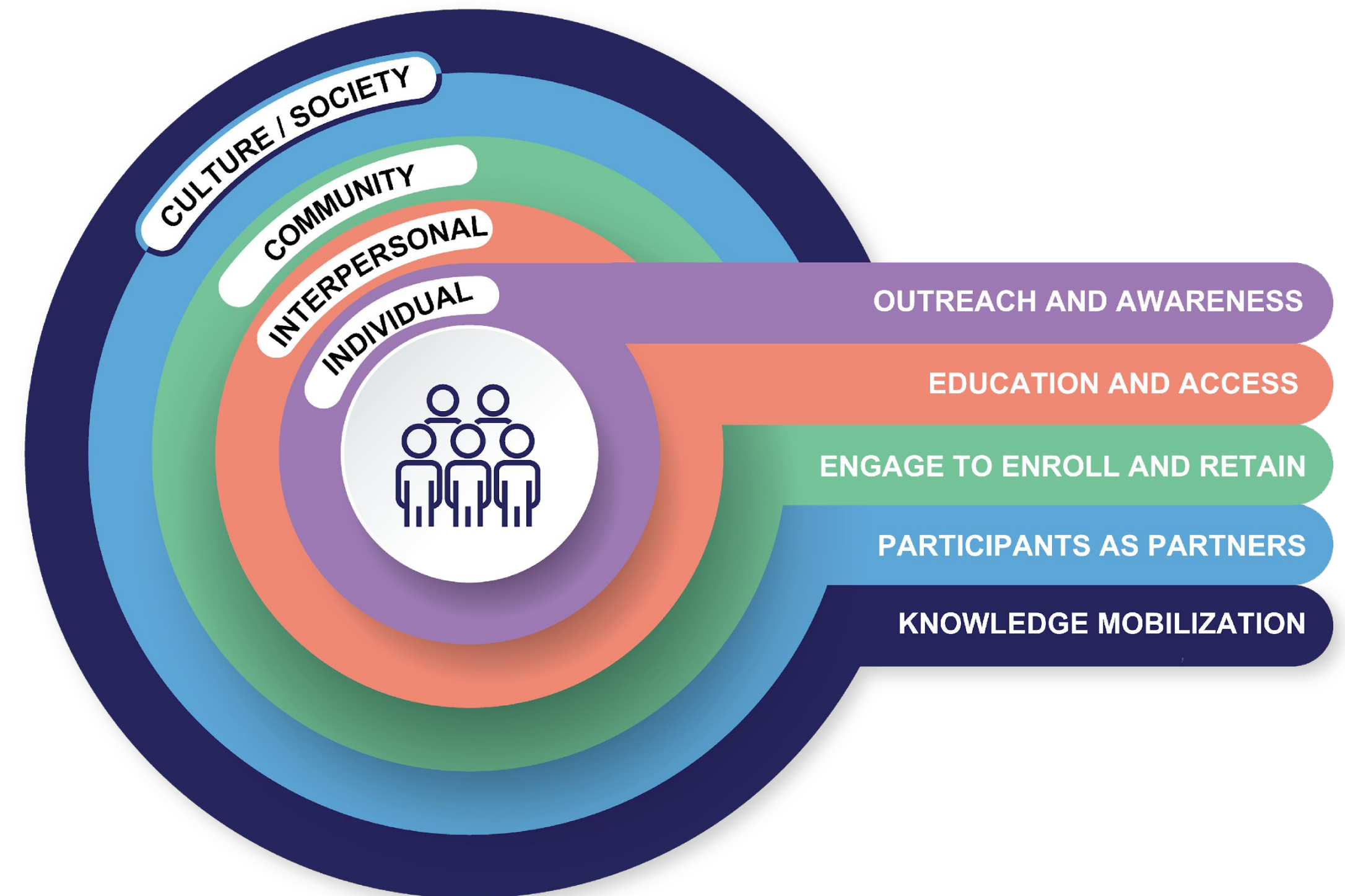
Almost 50% of participants that self-identify as racial or ethnic minorities.

The *All of Us* Division of Engagement and Outreach

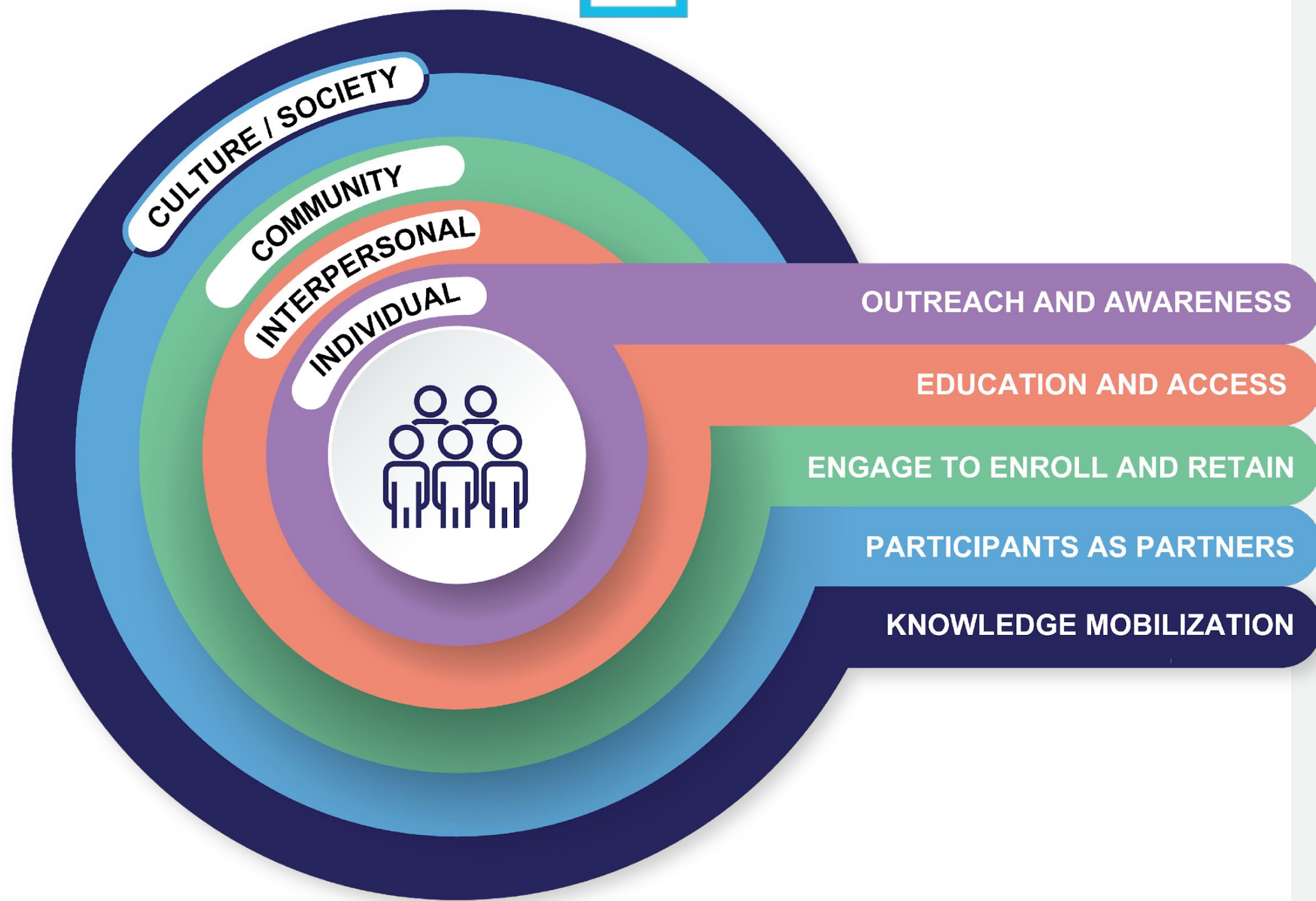
The Division of Engagement and Outreach Ecosystem



The Community and Participant Engagement Framework



Operationalizing the Community and Participant Engagement Framework



(Data from CY 2022)



Outreach and Awareness

From July to December 2022, the NAHH worked collaboratively with *All of Us* consortium partners and the Mobile Engagement Assets to participate in events across the U.S. that would serve the Hispanic/Latino community.

Education and Access

This collaboration resulted in **1,757 conversations** with potential community participants that were able to receive information, support and access to digital tools in their preferred language.

Engage to Enroll and Retain

A total of **211 accounts** were created, **121 participants completed enrollment**, and **14 participants received salivary kits**.

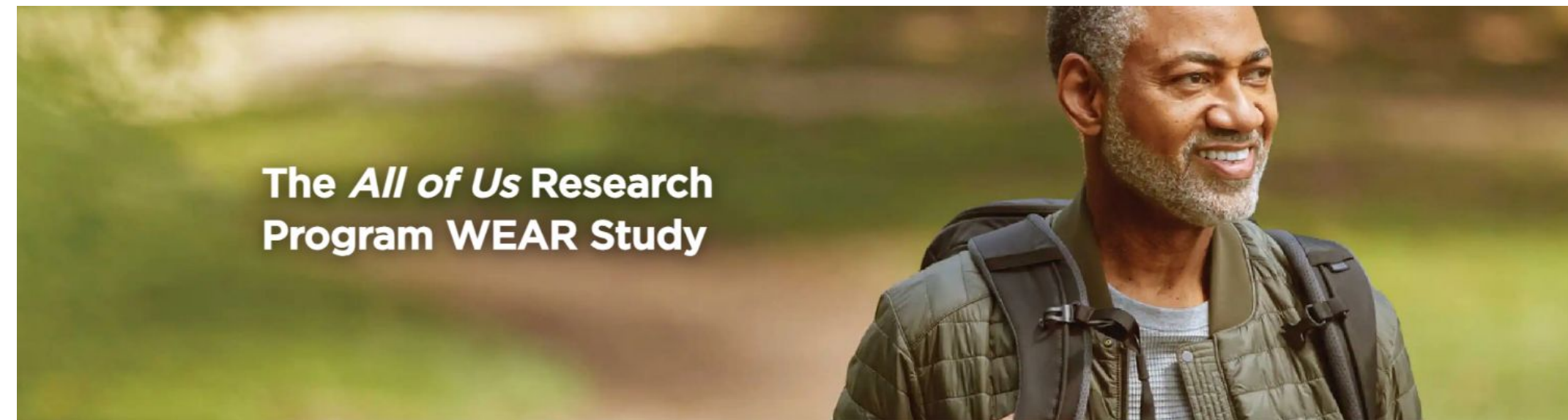
Participants as Partners

NAHH developed a trusted channel of return of information to participants on genomics and EHR by **partnering with the American Nurses Foundation** to deliver *All of Us* genomics program information to **1,373 health care providers**.

Knowledge Mobilization

NAHH established a community of researchers, training **47 Strengthen Ciencia All of Us Ambassadors**, who have reached **2,981 researchers** through in-person, digital, and social media outreach.

Research Spotlight: The *All of Us* WEAR Study



WEAR supports the *All of Us* Research Program by collecting health and behavior data from Fitbit devices.

The goal of WEAR is to improve access to wearable devices. Study participants may be selected based on the program's UBR categories.

Addressing the Digital Divide - Mitigating Disparities

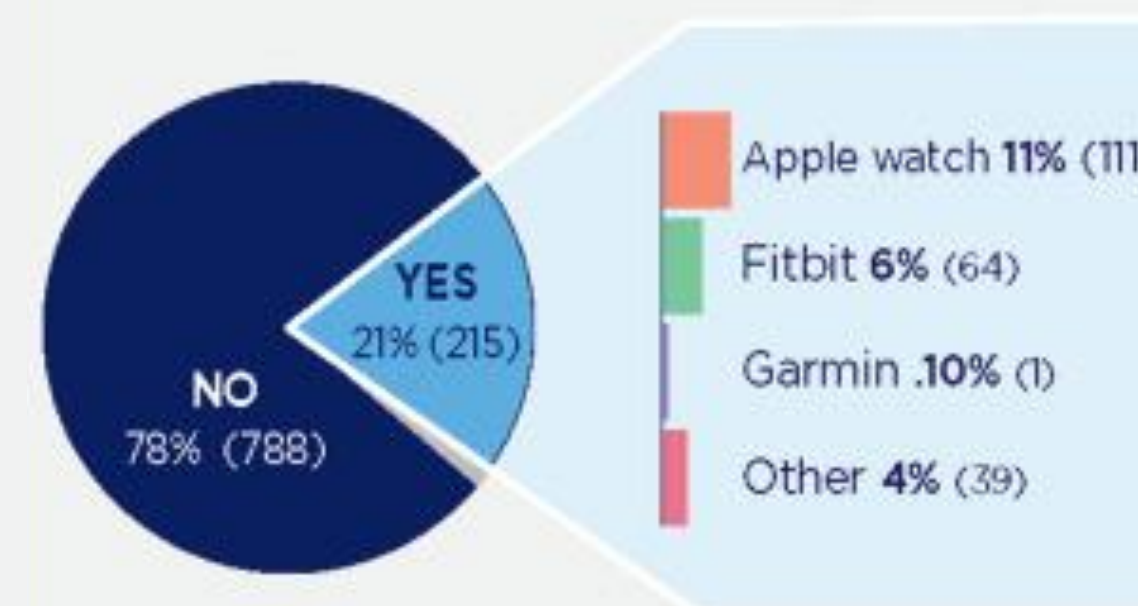
UBR of WEAR participants sharing data (on CE as of 6/14/23):

- 29.0% are UBR on socioeconomic status
- 41.1% are UBR on race/ethnicity
- 58.7% are UBR-Other

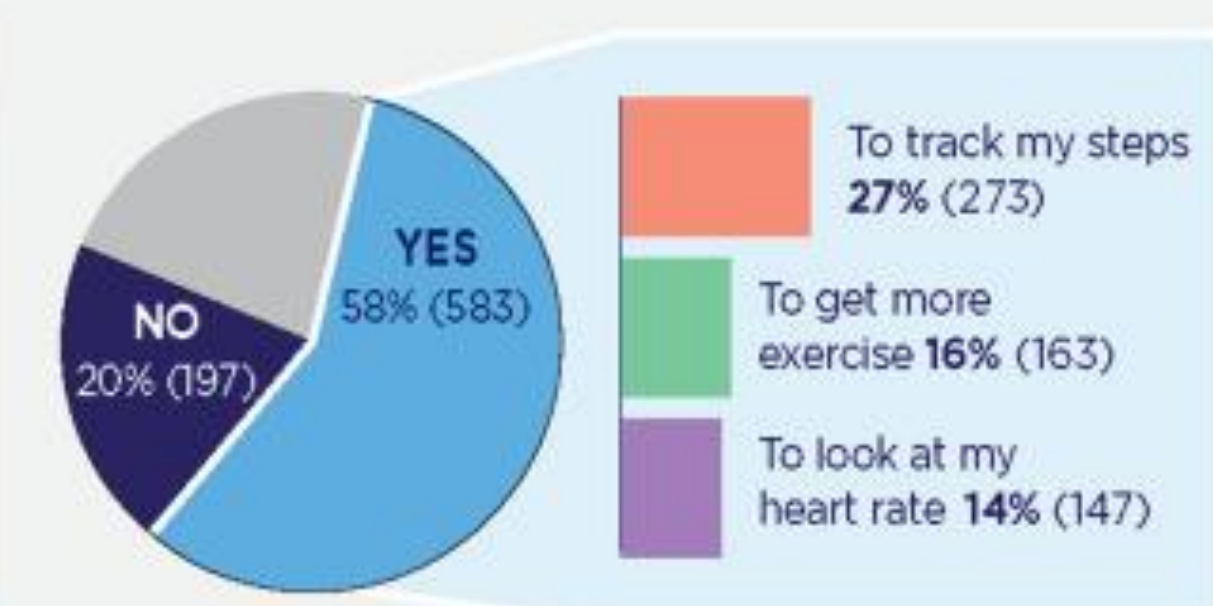
All of Us Research Program Publication Wearable Fitness Tracker Use in Federally Qualified Health Center Patients

- Researchers surveyed 1007 adult patients at six FQHCs regarding wearable fitness trackers.
- Findings indicate the majority are interested in having fitness trackers.
- Barriers included cost and lack of information, revealing that broad digital health device adoption requires education, investment, and high-touch methods.

Do you own a fitness tracker?



Would you like a fitness tracker?





Get Connected to *All of Us*

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[Allofus.nih.gov](https://allofus.nih.gov)

<https://www.researchallofus.org/explore>

