

About the *All of Us* Research Program and the Researcher Workbench



Last Updated: AUGUST 2023
Name, Job Title

All of Us Research Program

Key Definitions & Acknowledgement

- **Engagement:** A broad range of relationship-building bidirectional interactions, including information sharing, consultation, collaboration in decision making, and empowered action between the program, people, awardees, and other partners.
- **Outreach:** Unidirectional interaction, such as providing materials and information to an audience.
- **Recruitment:** Facilitating enrollment in the program.
- **Retention:** Ongoing activities with participants after enrollment.

Source: All of Us protocol

Acknowledgement: Pyxis Partners is funded by the Division of Engagement and Outreach, *All of Us* Research Program, National Institutes of Health, Award Number: OD028404

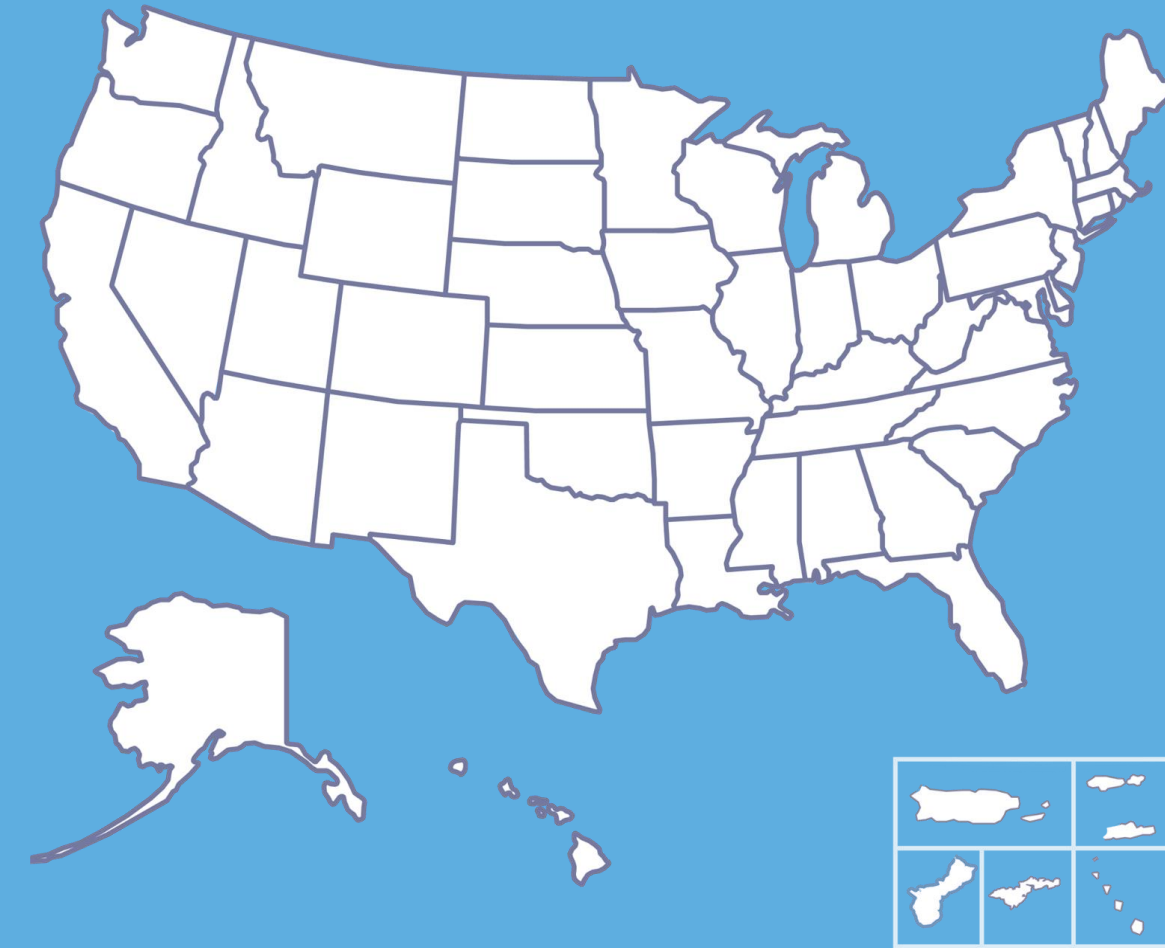
What is the *All of Us* Research Program?



One of the world's largest, most diverse biomedical datasets of its kind

Inviting at least

1 Million people from across the United States



Data available from **413,450+** participants

75%

identify with communities underrepresented in biomedical research



45%

are from racial and ethnic minority groups

Data as of April 2023



By securely capturing a range of different data types

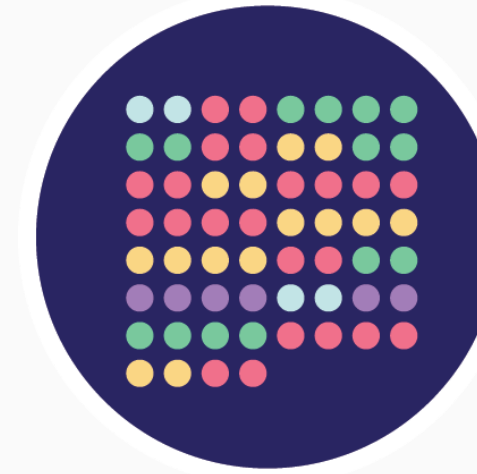
The *All of Us* Research Program's Data and Research Center (DRC) curates a range of different data types as part of the data collection process.



413,350+
Survey Responses



337,500+
Physical Measurements



312,900+
Genotyping Arrays



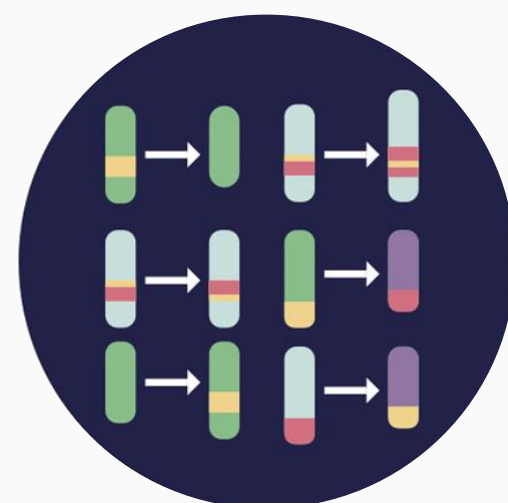
287,000+
Electronic Health Records



245,350+
Whole Genome Sequences (WGS)



15,600+
Fitbit Records
NEW! Sleep Data



11,350+
Structural Variants
NEW! In 2023

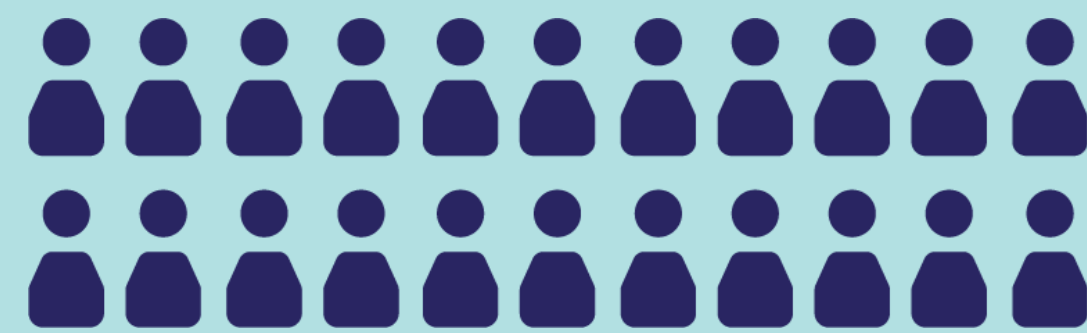


1,000+
Long-Read Sequences
NEW! In 2023



And data from the COVID-19 Participant Experience (COPE) Survey

COPE Survey Data Currently Available in the Researcher Workbench



More than **100,200+** participants responded to



one or more of the **six** COPE surveys administered between May 2020 and February 2021

Topics Covered



Social Distancing Experiences



COVID-19 Related Impact



Mood



Substance Use



COVID-19 Related Symptoms



General Well-Being



Stress



Resilience



COVID-19 Related Testing



Social Support



Physical Activity



Discrimination



COVID-19 Related Treatment



Anxiety



Loneliness



Vaccine Perceptions

Mental Health

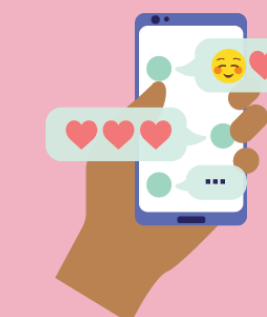
The COPE data represents the biggest infusion of mental health data into the Researcher Workbench so far. Insights include:



62% felt bothered by sleeping problems



53% felt nervous and anxious



94% have someone to love and make them feel wanted



95% have someone to have a good time with

Embedded in the survey were resources for participants struggling with emotional distress, including suicide prevention tools.

Participants could select multiple symptoms.

Data as of April 2023



Along with the Social Determinants of Health Survey

By connecting biological and social determinants of health data on a large, inclusive scale and following participants as they move, age, and grow, the *All of Us* dataset is driving new insights into health and disease.

Social Determinants of Health (SDOH) Survey data



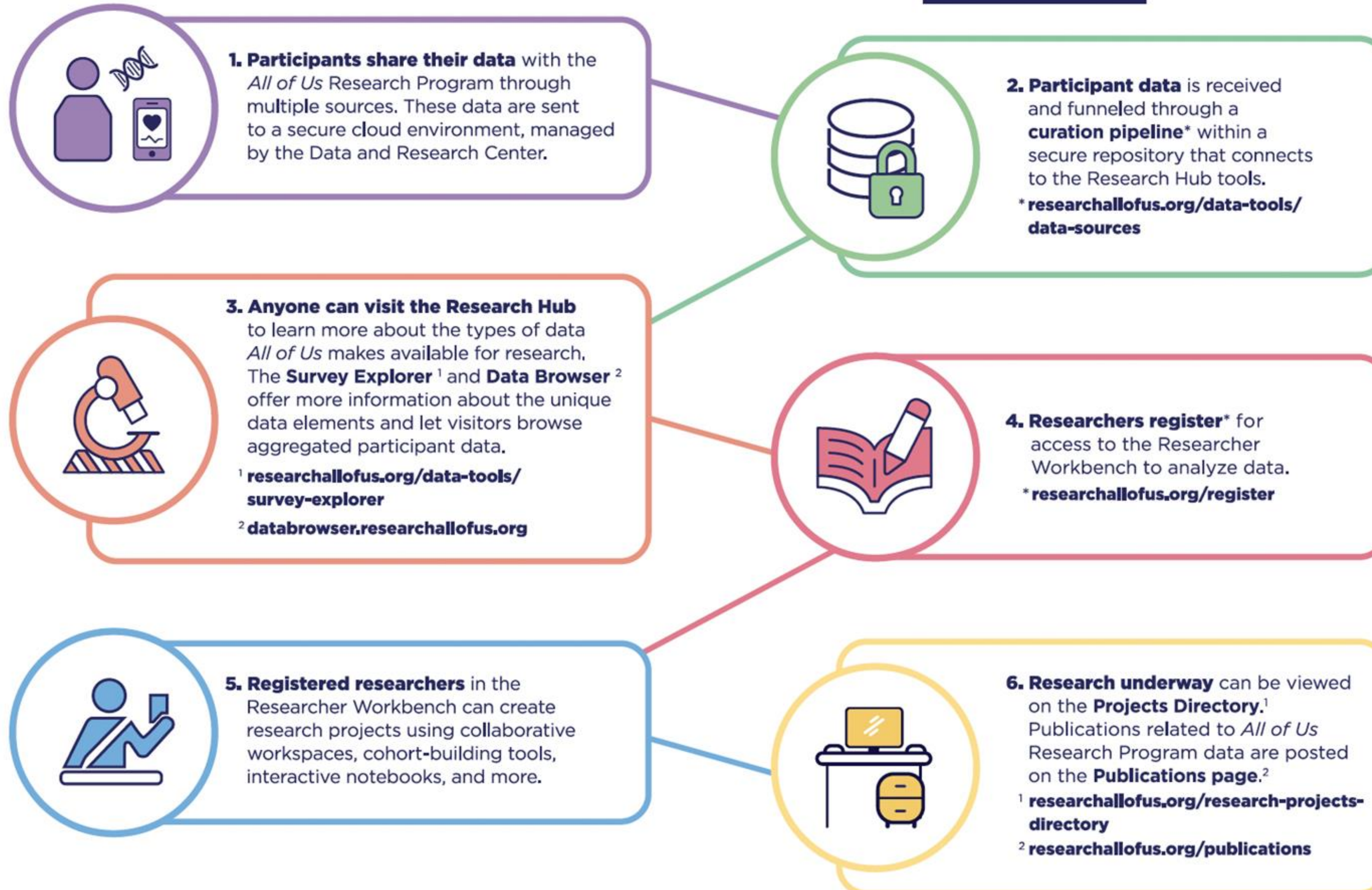
from 117,750+ responses



Data Access and Analytical Tools



All of Us Research: How It Works



Tiered access levels enable discovery



Available to anyone

Public Tier

Anyone can visit ResearchAllofUs.org (the *All of Us* Research Hub) to learn more about the data available for research and explore aggregated participant data and summary statistics, with participant identifiers removed. Public resources include:

- **Data Snapshots:** Aggregated, public-facing overviews of participant characteristics and data types
- **Data Browser:** Interactive preview into the *All of Us* dataset through public-facing aggregate data
 - Currently includes participant-provided survey responses, physical measurements, data from EHRs and wearables, and genomic data
- **Survey Explorer:** Details the questions included in each of the surveys
- **Research Projects Directory:** Descriptions of each research project within the Researcher Workbench



Researcher Workbench- Available to registered researchers

Registered Tier

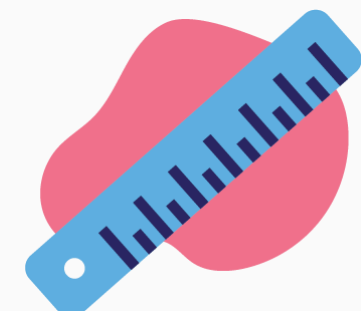
Registered researchers can access in-depth data and a variety of research tools to conduct a wide range of studies.



Surveys



Electronic Health Records



Physical Measurements



Wearables

Data have been processed to protect participant privacy

Controlled Tier

Registered researchers with amended institutional agreements can access all of the data in the Registered Tier plus additional and expanded data types, including genomic data, real dates of health events, ICD codes, granular demographic data, and more.



Genomics



Health and Lifestyle surveys



Subscribe to the Researcher Newsletter

Sign up to receive our email newsletter with the latest news and insights from the All of Us Research Hub.

allof-us.org/RRSignup



Thank You!



National Institutes
of Health



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#JoinAllofUs

