All of Us Research Hub
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AII *of* **Us**
DATA & RESEARCH CENTER

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Objectives

During today's presentation, we will

- Learn about different the data available

- Explore the Research Hub

- Examine the steps for registration

- See how to start a research project on the Workbench

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Thank you to our participants and community partners!

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All of Us Mission

Our Mission

Accelerate health research and medical breakthroughs,
enabling individualized prevention, treatment, and care for all of us

Nurture partnerships for decades with at least **a million participants** who reflect the diversity of the U.S.

Deliver one of the **largest, richest biomedical datasets** that is broadly available and secure

Catalyze an ecosystem of **communities, researchers, and funders** who make *All of Us* an **indispensable** part of health research

Made possible by a team that maintains a culture built around the program's core values

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Participants included in All of Us research data are diverse.

Underrepresented in Biomedical Research (UBR) Categories	Curated Data (% out of 372,380 participants)
At least one UBR	78%
Non-white race or Hispanic/Latino ethnicity	44%
Age >= 65	24%
Less than GED	9%
Annual Income <=$25k	26%
Sexual and Gender Minorities	10%
Rural Location	7%

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Key takeaways for registered users

372,397 Survey Responses

306,179 Physical Measurements

258,415 Electronic Health Records (EHR)

165,072 Genotyping Arrays

98,558 Whole Genome Sequences

12,844 Fitbit Records

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Including the first batch of genomic data

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Data Highlight: Social Determinants of Health (SDOH) survey

57,600+
initial responses

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Principles of access & privacy: "Share widely and wisely."

Broad and Open Access

Commitment to Protecting Privacy

"make my data useful"

A data resource for all of us

Remove unnecessary barriers to access

"keep my data safe"

Privacy first, privacy always
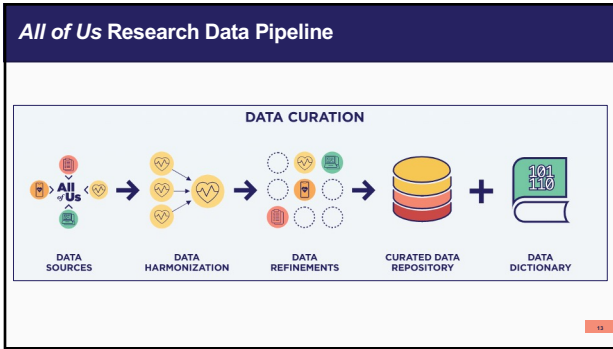
Strive to build a system that participants can trust

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All of Us Research Data Pipeline

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Data and resource access is tiered.

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Distinguishing between the Registered and Controlled Tier

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Use the Project Directory to view all active projects.

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Use the Project Directory to view all active projects.

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Read researchers' peer-reviewed *All of Us* publications

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The Data Browser is an interactive way to view the data.

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The Data Browser is an interactive way to view the data.

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The Survey Explorer hosts all surveys available to participants.

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How to Register

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Registration is easy!

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See if your institution has an agreement with us for access.

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Assistance with Registration

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Benefits of Registration

Resources	Platform Uses
All of Us offers data and more.	*All of Us* is for publishing and more.
Registered users have access to:	
• Platform and tools	• Team science
• $300 in initial credit	• Dissertation
• User support materials and staff	• Thesis
• Opportunities to showcase work	• Poster presentations
	• Class projects
	• Self-practice (especially data science)

Available to all registered users

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The Researcher Workbench and how to start a research project

All *of* Us
RESEARCH PROGRAM

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The Researcher Workbench

A secure enclave where researchers access & analyze All of Us data.

"The Public Website"

"The Workbench"

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Login from the Hub to access your Workspaces.

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The Researcher Workbench = secure cloud analysis platform

WORKSPACES   DATASET BUILDER   COHORT BUILDER   NOTEBOOKS   WORKBENCH USER SUPPORT HUB

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The Workbench is Collaborative

Within the Researcher Workbench, a researcher (and their research team) collaborate in "workspaces." The workflow is flexible & collaborative.

Workspace → Cohort Builder → Dataset Builder → Jupyter Notebook

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No IRB approval needed.

We use a passport model and approve the researcher

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The Workbench landing page

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Answer questions about your Workspace.

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The About tab provides information about your Workspace.

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The Data tab is where you begin building your research.

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The Jupyter Notebook is where you will run your analysis.

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Support Resources

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The Featured Workspaces can help you during your research.

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We also provide regular office hours & webinars.

Support Desk	New User Orientation	Office Hours
Send us your questions.	**Zoom in for a live orientation.**	**Get live, virtual help with questions.**
Email us or use our "Help" icon to: • Resolve technical issues • Ask questions about our data or the research program • Give us feedback or make suggestions • and more…	Webinar objectives: • Understand data & data organization • Learn how to get started on Researcher Workbench • Learn how to utilize the User Support Hub	Ask your questions live: • Workflow implementation questions • Data refreshers and updates • Billing questions • and more…
Response in 1-2 business days. *support@researchallofus.org*	**Monthly** *link emailed to all registered users*	**Weekly (Tues) & Bi-Weekly (Fri)** *link emailed to all registered users*

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The Support Hub and Team are here to help you!

Welcome to the User Support Hub

https://aousupporthelp.zendesk.com/hc/en-us

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Stay in touch to learn more

Sign up for our bimonthly newsletter

Subscribe to Research Roundup

Stay up-to-date on the latest news and insights from the *All of Us* Research Hub through our bimonthly email newsletter.

allof-us.org/RRSignup

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Join our community of researchers!

Sign up for our newsletter! allof-us.org/RRSignup

Spread the word about *All of Us*! Visit our social media platforms!

@AllofUsResearch
#JoinAllofUs

Support@ResearchAllOfUs.org

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