

2023 CARE Registry Brief Report

Enrollment Number: **9,759** participants
(as of January 1, 2023)

Launch Date: October 15, 2020



Purpose:



To address the gap and reduce disparities in research participation in Alzheimer's disease and related dementias (ADRD), aging, caregiving, and other health issues across the lifespan in Asian American and Native Hawaiian/Pacific Islander (AANHPI) communities.




To give members of AANHPI communities a voice and the opportunity to participate in research through enrollment in CARE.



To implement culturally appropriate and innovative recruitment strategies in collaboration with CARE's community partners to enroll 10,000 AANHPI participants.

Background:

Asian Americans are the **fastest growing racial group** in the US, comprising **7.7%** of the population.



Clinical research projects focusing on Asian American, Native Hawaiian, and Pacific Islander (AANHPI) participants funded by the National Institutes of Health was **less than 1%** of its total budget between 1992 and 2018
([Doan, Takata, Sakuma, & Irvin \(2019\), JAMA Network Open](#))

Enrollment survey available in these languages:



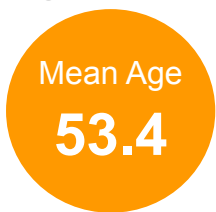
Hindi since February 2022 | Samoan since March 2021

What you can find in this report:

- [Who enrolled in CARE?](#)
- [Has CARE increased participation of AANHPI individuals in research studies?](#)
- [How did CARE engage AANHPI communities?](#)
- [What are CARE's vision and next steps?](#)

Who enrolled in CARE?

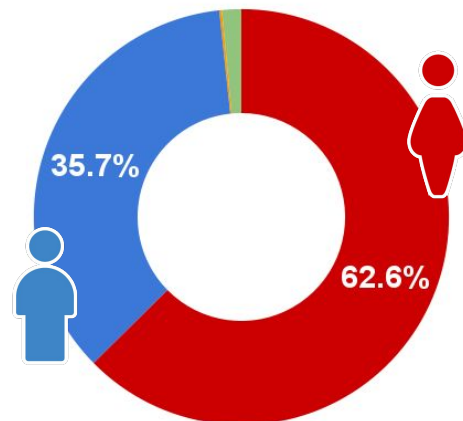
Age



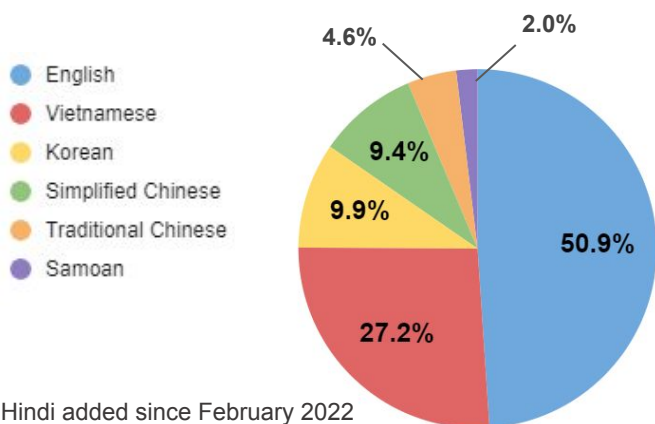
- Range: 18 - 100 years
- 60% were 50 years and older
- 33% were 65 years and older

Gender

- Female
- Male
- Other (0.2%)
- Prefer not to answer (1.5%)

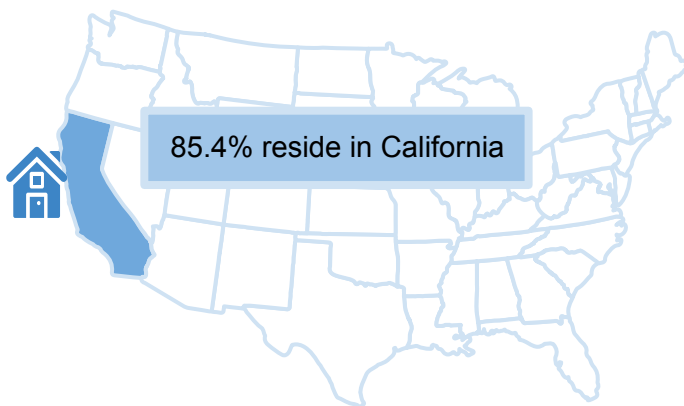


Language of survey completion



Hindi added since February 2022
Samoan added since March 2021

Regions

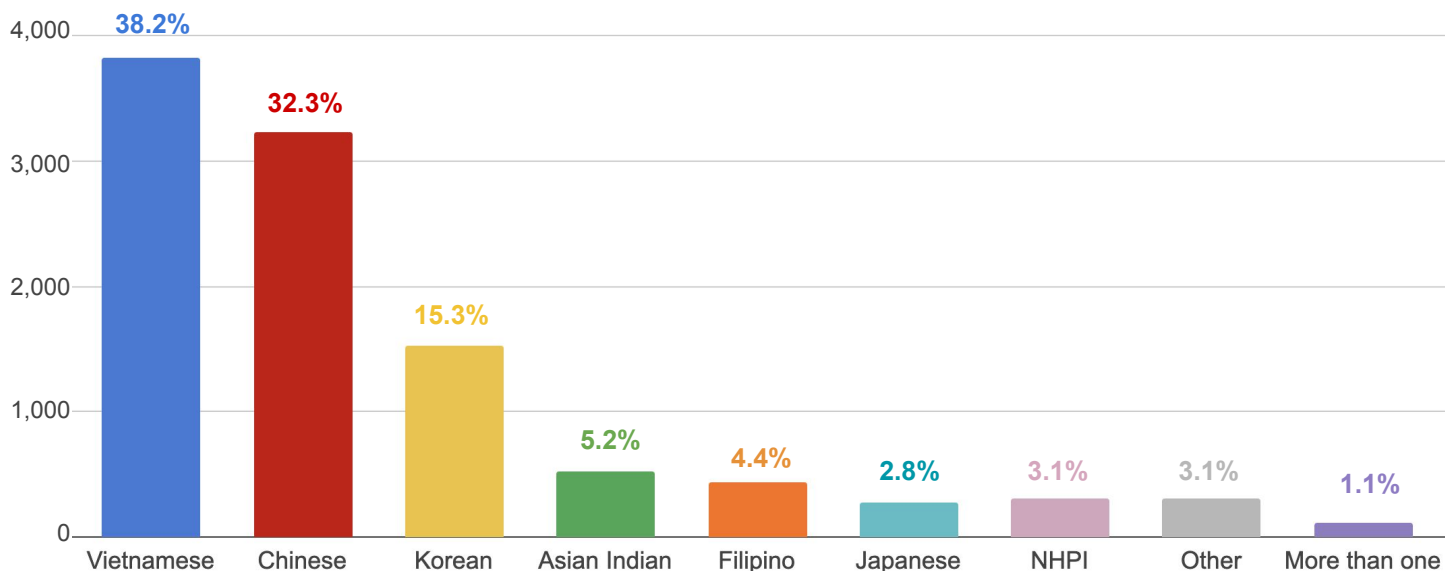


50.9% have limited English proficiency



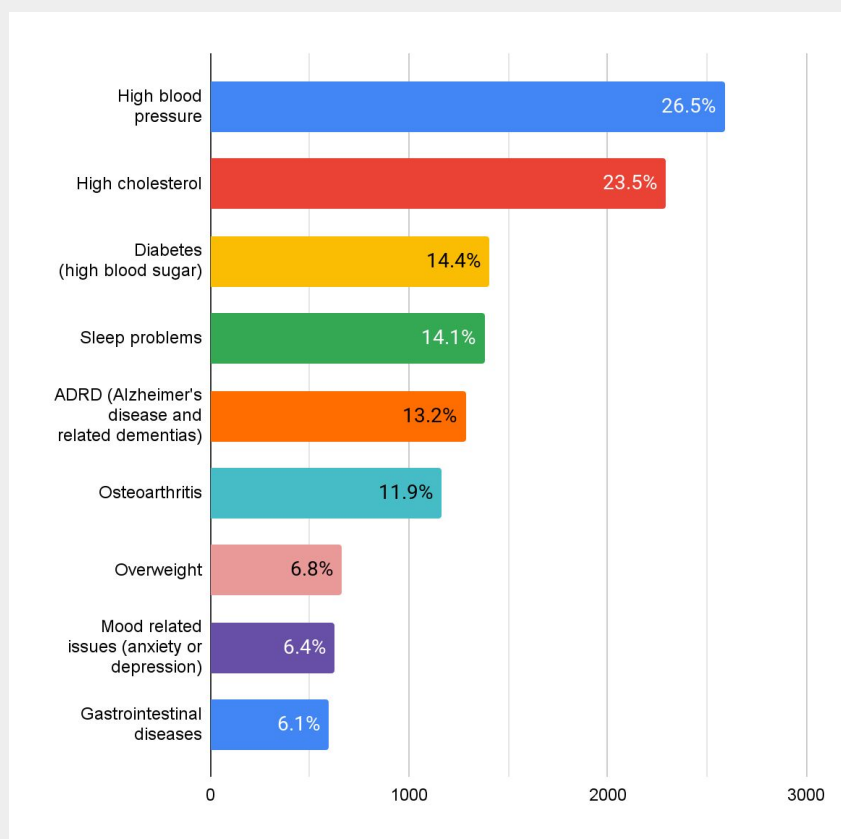
83.9% born outside the US

AANHPI Cultural Groups

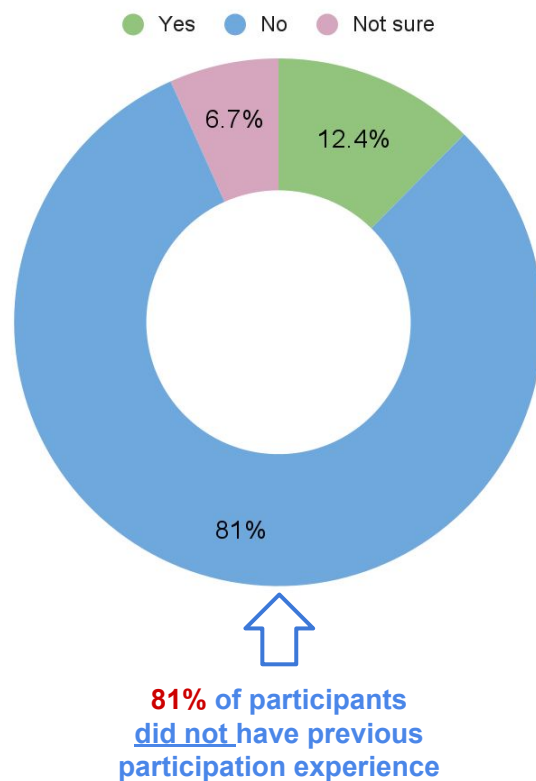


CARE Participant Characteristics

Commonly Reported Health Conditions



Prior research participation experience



Caregiving



24.5% of participants are current caregivers

"[Dementia] does not announce its arrival but develops gradually in life. I think everyone in our society should be aware of this disease." - A.G.

"Many people don't recognize dementia, and not recognizing it can lead to death. Most caregivers are unprepared to manage dementia in their own family." - Q.V.

Among caregivers (n=2390):

- **63.5%** are caring for **minor children** (≤ 18 years old)
- **37.4%** are caring for **older adults** (aged ≥ 50)
- **6.5%** are caring for other **individuals with special needs**
- **5.1%** are caregivers to **more than one group**



[Read our Caregiver Stories](#)



[Watch our Caregiver Stories on Youtube](#)

"Research can be useful for future generations... Hopefully, treatments will be more effective and will be able to delay dementia better than the treatment my mother received many years ago." - M.N.

CARE-Supported Research Studies

Have CARE increased participation of AANHPI individuals in research studies?

CARE Registry can support recruitment for researchers who want to include AANHPI participants in their studies.

Since January 2021:

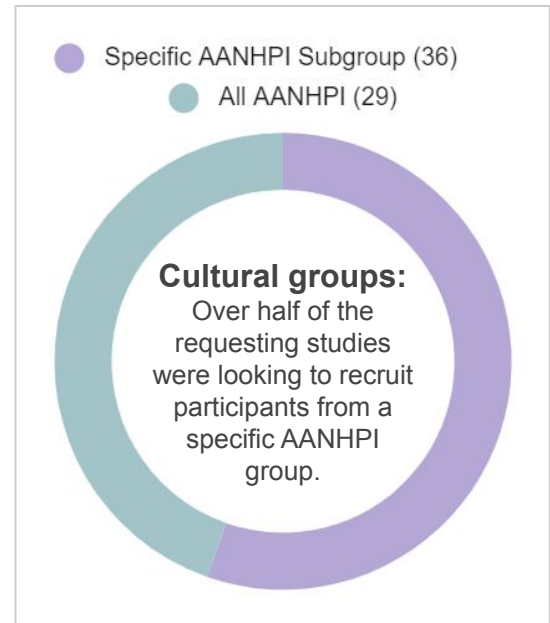
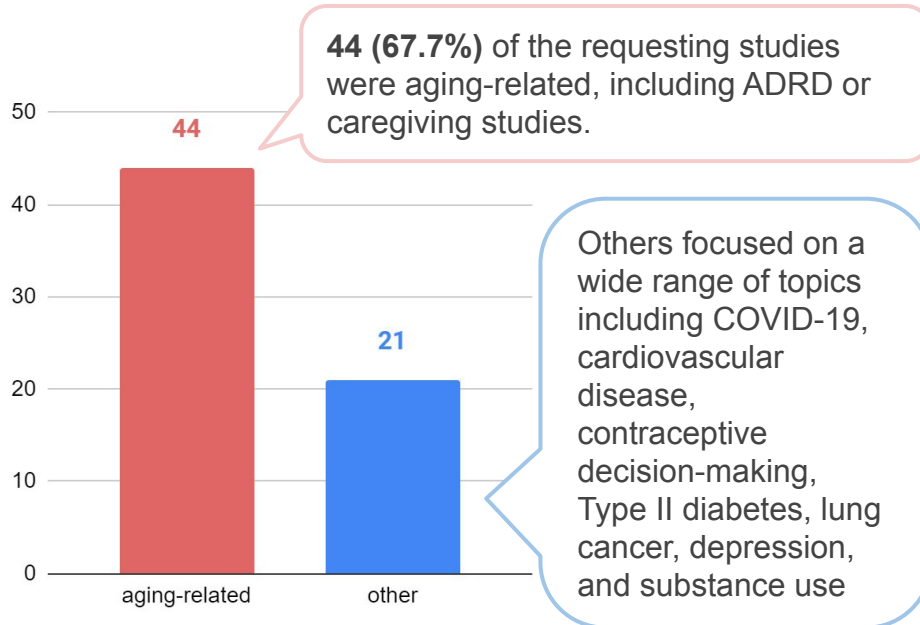


Received
65 recruitment
referral requests

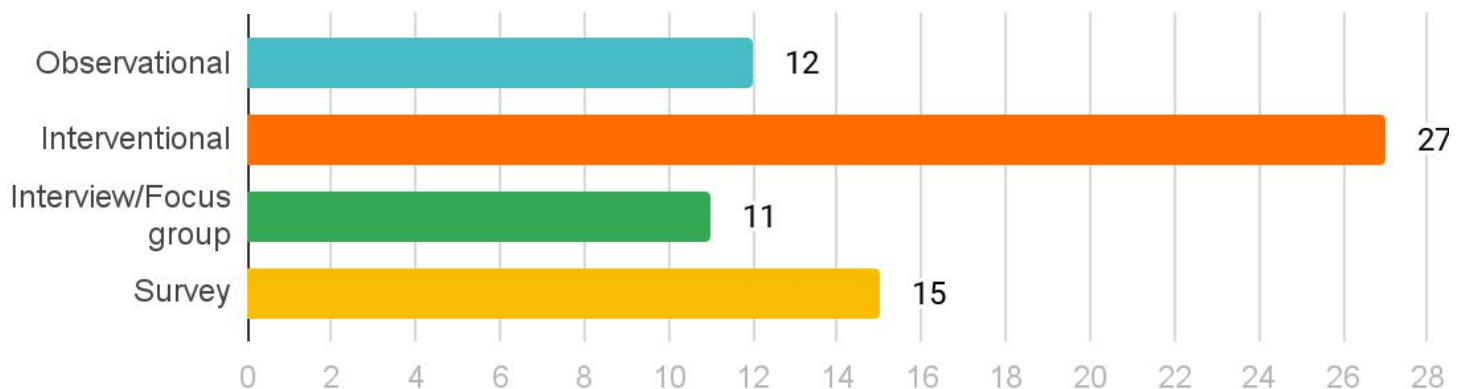


>7,100 CARE
participants were
referred to **44** studies

Research Areas



Study design



Note: Studies are “observational” when participants are observed or certain outcomes are measured, and no attempt is made to affect the outcome (e.g., no treatment is given). “Interventional” studies refer to a type of clinical study in which participants are assigned to groups that receive one or more intervention/treatment (or no intervention) so researchers can evaluate the effects of the interventions on biomedical or health-related outcomes.



Click [HERE](#) to view past Brain Trust Meeting recordings and learn about the referral request process.

CARE-Supported Research Studies



44 Studies received referrals of participants from CARE

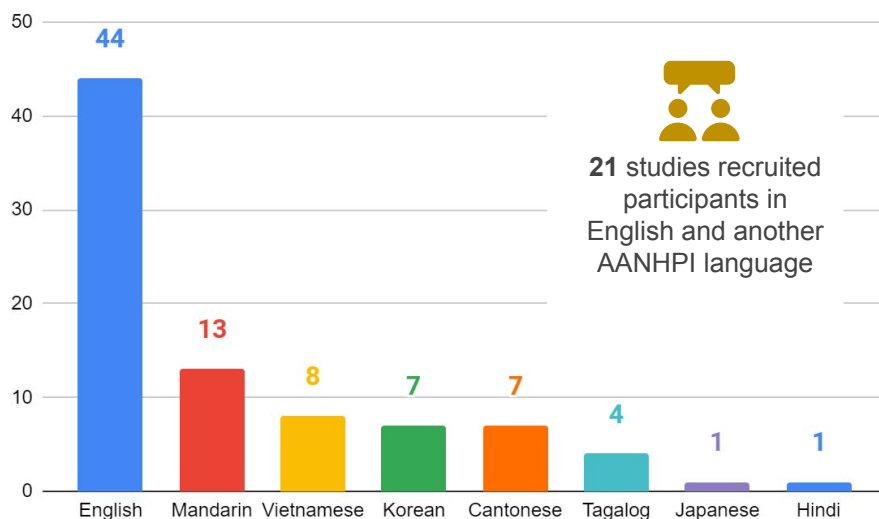


19 additional studies in preparation stage to receive referrals

Studies in the preparation stage include those awaiting IRB approval to receive CARE referral data or awaiting funding support.

Click [HERE](#) for more information about the referral request process.

Languages Supported by Referred Studies



How did CARE engage AANHPI communities?

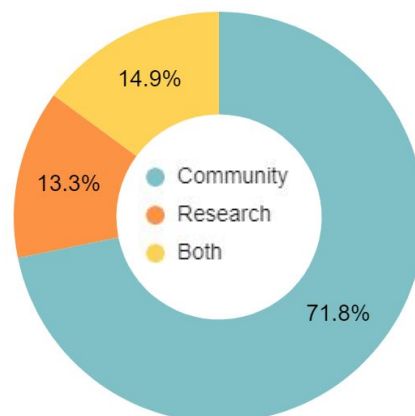


Conducted 188 **outreach activities** as of January 2023

Modes of Outreach



Target Audience



Language Used



Multilingual Outreach Materials



CARE's Vision and Next Steps

We need



your help!

To continue to help address the AANHPI populations' underrepresentation in research, CARE is seeking support to:



Sustain CARE's existing infrastructure including bilingual/bicultural staff & work with academic community partnerships



Provide continual outreach, education, engagement to AANHPI communities (& recruit more participants)



Provide continual education & outreach to the research community



Strategically expand CARE with targeted efforts to other states



Improve CARE's reach with some AANHPI communities such as Filipino, Japanese, Native Hawaiians, Pacific Islanders, & South Asians



Expand on CARE's reach with AANHPI with limited English proficiency and limited access to digital technology

CARE Links



Click [HERE](#) to sign up for the **e-newsletter**

Click [HERE](#) to learn more about the **CARE Ambassadors Program**



Click [HERE](#) for **current news and events**

Click to follow and support us:



Click [HERE](#) to **enroll in CARE**



Acknowledgements

We extend our deepest appreciation to our registry participants, staff, investigators, community and academic partners, community advisory board members, and the National Institute of Aging (R24AG063718) for their support.

CARE Community Advisory Board

Araceli Antonio
Joyce Cheng
David Choi
Sadhna Diwan
Sophie C. Horiuchi-Forrester
Joyce Javier
Ryan Kawamoto
Ruobing Li

Tatiana Makoni
Jennifer Masuda
Becky Nguyen
Phuong Christine Nguyen
Stephanie Nguyen
Paula Palmer
Lina Park
Hye-Won (Grace) Shin

Natalie Ah Soon
Boon Lead Tee
Quyen Tiet
Bexx Toomalatai
Ranak B. Trivedi
Jennifer Wang
Michael Weiner
Edie Yau

CARE Community and Academic Partners



Funder: Research reported in this publication was supported by the National Institute on Aging of the National Institutes of Health (R24AG063718). The content is solely the responsibility of the authors and does not necessarily represent the official views of the National Institutes of Health.