

## ADSP Releases 16,906 Whole-Genomes

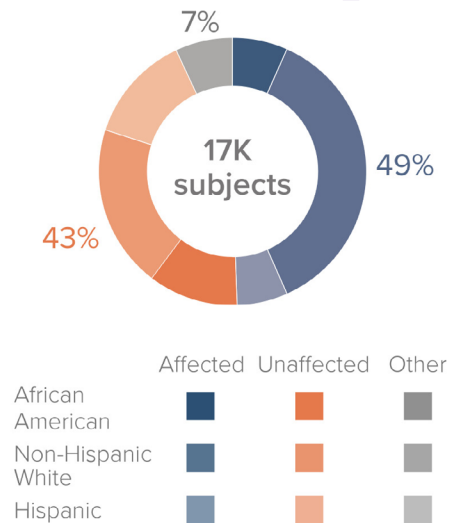
NIAGADS is pleased to announce the release of whole genome sequencing (WGS) data from 16,906 samples through the Data Sharing Service (DSS) from the Alzheimer's Disease Sequencing Project (ADSP). The data release includes CRAMs, gVCFs, and project-level VCFs across all samples. The pVCF released here is provided as a preview to the formal ADSP quality control that will be released in a few months.

The Release 3 (R3) preview pVCF includes whole-genome data from 1,020 ADSP Family Discovery and Discovery Extension samples, 2,959 ADSP Case Control Extension samples, 809 ADNI-WGS-1 samples, 886 CurePSP and Tau Consortium PSP samples, 408 PSP UCLA samples, 617 NINDS, CurePSP and Tau Consortium PSP samples, 209 University of Pittsburgh- Kamboh samples, 207 Cache County samples, 77 Knight ADRC samples, 91 FASe\_families samples, 137 NACC-Genentech samples, 730 AMP-AD ROSMAP samples, 344 AMPAD MSSM samples, 252 AMP-AD MAYO samples, and 8,160 ADSP Follow-Up Study 1 samples.

These data were called by the Genome Center for Alzheimer's Disease (GCAD) using VCPA 1.1, a functionally equivalent CCDG/TOPMed pipeline.

More information about the dataset can be found on the dataset page [NG00067](#). Information about what is needed for a Data Access Request can be found on the [Application Instructions page](#).

"The following graphic contains a breakdown of cognitive status by race/ethnicity of participants included in the dataset."



## 2021 NIH Alzheimer's Research Summit

Last month, Dr. Li-San Wang (Penn) and Dr. Timothy Hohman (Vanderbilt) presented their work on "NIAGADS Data Resources and Harmonization of AD Genetic, Epidemiologic and Clinical Data" during Session Two: "Enabling Infrastructure and Incentives to Improve Research Rigor, Reproducibility, and Translatability."

Dr. Wang discussed the resources available in The National Institute on Aging Genetics of Alzheimer's Disease Data Storage Site (NIAGADS) while Dr. Hohman discussed the Alzheimer's Disease Sequencing Project (ADSP) phenotype harmonization.

If you'd like to catch up on the presentation by Dr. Wang and Dr. Hohman, or view the other great presentations, you can click here: [#ADSUMMIT2021](#)