

# Guide to DAP Curated Datasets

## DOG OVERVIEW – CURATED DATASET FILE NAME: [DAP\_20##\_DogOverview]

Dataset includes dog\_id, key dog demographics collected at Baseline HLES, record of survey completions over time, study cohort, and record of biospecimens collected over time for Foundation and Precision Cohort dogs.

### BASELINE YEAR

#### Health & Life Experience Survey (HLES) [DAP\_20##\_HLES\_dog\_owner]

- Owner Contact
- Dog Demographics
- Physical Activity
- Environment
- Behavior (C-BARQ)
- Diet
- Meds & Preventives
- Owner Demographics

[DAP\_20##\_HLES\_health\_condition]  
[DAP\_20##\_HLES\_cancer\_conditions]

- Health Status Module

Completion sets DAP\_Pack\_Date

#### CSLB (CCDRS) [DAP\_20##\_CSLB]

#### Cognitive Activities [DAP\_20##\_123Treat] [DAP\_20##\_TreatHideSeek]

#### Morphometrics & Mobility [DAP\_20##\_MeasureYourDog] [DAP\_20##\_JogRunActivity] [DAP\_20##\_StairClimbActivity]

### SUBSEQUENT YEARS

#### Annual Follow-Up Survey (AFUS) [DAP\_20##\_AFUS\_dog\_owner]

- Owner Contact
- Dog Demographics
- Physical Activity
- Environment
- Behavior (C-BARQ)
- Diet
- Meds & Preventives
- Owner Demographics
- Eating Behavior (DORA)
- Dog-Owner Relationship (MDORS)
- Age-Related Changes

[DAP\_20##\_AFUS\_health\_condition]  
[DAP\_20##\_AFUS\_cancer\_conditions]

- Health Status Module

Offered on DAP Pack Anniversary

### MONTH-SPECIFIC SURVEYS

#### CSLB (CCDRS) [DAP\_20##\_CSLB]

#### Cognitive Activities [DAP\_20##\_123Treat] [DAP\_20##\_TreatHideSeek]

#### Morphometrics & Mobility [DAP\_20##\_MeasureYourDog] [DAP\_20##\_JogRunActivity] [DAP\_20##\_StairClimbActivity]

### END OF LIFE

#### End of Life Survey (EOLS) [DAP\_20##\_EOLS]

### PARTICIPANT ADDRESS AND LOCATION

Participants provide a primary (and secondary if applicable) address at Baseline. They can update addresses at any time during the study. Owner-reported addresses are geocoded and then linked to secondary environmental data. **As part of our Participant Privacy Policy, addresses and locations are kept behind a firewall and not available for researchers**

### ENVIRONMENTAL DATA

#### Secondary Data Sources Linked to dog\_id [DAP\_20##\_Environment]

Data include sociodemographic and economic indicators, air pollution measures, climate data, and neighborhood walkability indicators

#### Secondary Data Sources Linked to dog\_id [DAP\_20##\_Environment]

VEMRs: Owners can upload the dog's veterinary electronic medical records at Baseline, AFUS, and EOLS as PDFs. Extracted data are unavailable.

# Guide to Foundation & Precision Cohort Data

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VEMRs	BASELINE YEAR	COHORT ENROLLMENT YEAR	SUBSEQUENT YEARS
	<u>Medical Records (VEMRs)</u> Limited data extraction. Internal use only.  FOUNDATION / PRECISION	<u>AFUS VEMRs</u> Limited data extraction. Internal use only.  PRECISION	<u>AFUS VEMRs</u> Limited data extraction. Internal use only.  PRECISION
DAP STUDY COHORT DATA LANDSCAPE	SWAB KIT		
Foundation Cohort: Genetic Study		<u>Genomic Sequence Data</u> [DogAgingProject_GeneticData_20##]  FOUNDATION / PRECISION	
Precision Cohort: Multi-omic Study		<u>Sample Collection Metadata</u> [DAP_20##_SamplesResults_Metadata]  <u>Clinical Lab Results</u> [DAP_20##_SamplesResults_CBC] [DAP_20##_SamplesResults_ChemistryPanel] [DAP_20##_SamplesResults_Urine]  <u>Research Lab Results</u> Internal use only. Metabolome Microbiome Epigenome Immunophenotype (Peripheral blood)	<u>Sample Collection Metadata</u> [DAP_20##_SamplesResults_Metadata]  <u>Clinical Lab Results</u> [DAP_20##_SamplesResults_CBC] [DAP_20##_SamplesResults_ChemistryPanel] [DAP_20##_SamplesResults_Urine]  <u>Research Lab Results</u> Internal use only. Metabolome Microbiome Epigenome Immunophenotype (Peripheral blood)
VET-COLLECTED BIOSPECIMEN KIT			
		<u>Biobank Sample Inventory</u> DAP Biobank tracks aliquot withdrawals and provides just-in-time data on availability by dog_id. Available samples include: DNA Blood EDTA, Whole Blood EDTA, PBMC Lymphocytes, Plasma (Heparin), and Serum.	PRECISION

# Guide to Cohort Data Timelines

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BASELINE YEAR	AFUS YEAR 1	AFUS YEAR 2+
Health & Life Experience Survey	Annual Follow-Up Survey	Annual Follow-Up Survey
Baseline VEMR	AFUS VEMR	AFUS VEMR
Environment Data	Environment Data	Environment Data

## PACK Data Collection Timeline

Dog is assessed for Cohort eligibility and enrolled.

## Foundation Data Collection Timeline

### FOUNDATION YEAR 1

Genomic Sequence Data

## Precision Data Collection Timeline

### PRECISION YEAR 1

Genomic Sequence Data

Samples Collection Metadata  
Clinical Lab Results  
Research Lab Results

### PRECISION YEAR 2

Samples Collection Metadata  
Clinical Lab Results  
Research Lab Results

### PRECISION YEAR 3+

Samples Collection Metadata  
Clinical Lab Results  
Research Lab Results

Biobank Sample Inventory