



**Cardiovascular Measures
Longitudinal Stored Samples**

Baseline through Visit 15

CODEBOOK

ARCHIVED DATASET 2026

Dataset file niacvrss2026

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DOCUMENTATION FOR THE SWAN LONGITUDINAL CARDIOVASCULAR STORED SAMPLES DATASET

This codebook documents the freezing of all the cardiovascular, inflammatory markers, and adipokine stored samples data for the subset of the original cohort still participating in the SWAN longitudinal study from the seven clinical sites. The sites include 11, 12, 13, 14, 15, 16 and 17. This is a longitudinal dataset, meaning that it contains multiple rows of data per ID, with 11,981 observations and 13 variables.

Differences from the prior release of the Longitudinal Cardiovascular Stored Samples dataset (niacvrss2026):

- Visit 15 was added to the dataset
- Creatinine and NT-proBNP results were added to the dataset.
- The original (uncalibrated) adipokine data was added back to the dataset. There remains significant variation in the adipokine values from visit to visit that does not appear to be due to the laboratory analyses of the collected samples. The Visit 06 adipokine data are strikingly different from the data from all other visit years and should only be used in cross-sectional analyses.

Who is included in the public use dataset:

All participants who are currently active in the cohort (from SOURCE, n=3302), who participated in blood draws over time are included in this frozen data set. Represented in the data are assay results from a total of 11,981 stored samples collected from 2,365 participants across Visits 00-10, 12, 13, and 15 (including some DHS visits that fell within core visit windows). The stored samples were obtained from the SWAN repository and were analyzed between 2015-2023 by the Central Ligand Assay Satellite Services (CLASS) laboratories.

The assigned participant ID has been replaced with a randomly generated ARCHID in order to protect participant privacy. Variables describing the race/ethnicity of participants (RACE) was added from the Screener dataset.

What is included in the public use dataset:

The frozen data set contains information on the following analytes results:

Assay	Range	Units
Adiponectin	(0.781, 100)	µg/ml
Creatinine	(0.33, 25)	mg/dL
Endothelin-1	(0.39, 25)	pg/ml
High Molecular Weight Adiponectin	(0.312, 40)	µg/ml
IL-6	(0.78, 100)	pg/ml
Leptin	(0.78, 100)	ng/ml
Monocyte Chemoattractant Protein-1	(15.7, 2,000)	pg/ml
NT-proBNP	(5.00, 35,000)	pg/mL
Resistin	(1.25, 80)	ng/ml

Note: The ranges for analytes were used to identify 'unusual' values in the dataset. In the case of the longitudinal checks, we have identified unusual cases based on the distribution of the data. No flags were set to indicate the values identified by longitudinal checks

Missing data coding:

Original missing codes (-1: not applicable, -7: refused, -8: don't know, -9: missing) have been recoded to SAS missing codes (.B: not applicable, .D: refused, .C: don't know, and .A: missing).

NOTE: Please be aware that there was for the site 16 women a gap of 2-3 visits between Visits 06 and 09. This might affect the accuracy of the created variables.

Variables included in the dataset:

Variable	Label	Codes
ARCHID	Participant ID	
VISIT	Study visit	"00" = Baseline to "17" = Visit 17
RACE	Race/Ethnicity	1 = Black 2 = Chinese/Chinese American 3 = Japanese/Japanese American 4 = White Non-Hispanic 5 = Hispanic
ADPRES	Adiponectin result (ug/ml)	Numeric
CREARES	Creatinine result (mg/dL)	Numeric
ENDORES	Endothelin-1 result (pg/ml)	Numeric
HMWARES	HMW Adiponectin result (ug/ml)	Numeric
IL6RES	IL-6 Calibrated result (pg/ml)	Numeric
LEPRES	Leptin result (ng/ml)	Numeric
MCP1RES	MCP-1 result (pg/ml)	Numeric
NTPBRES	NT-proBNP result (pg/mL)	Numeric
RSNRES	Resistin result (ng/ml)	Numeric