

FRAMINGHAM HEART STUDY - CODING MANUAL

TITLE OF DATASET: SURVIVAL FILE AND FOLLOW-UP FOR CVD EVENTS

COHORTS: ORIGINAL, OFFSPRING

DATA COLLECTION TIME FRAME: THROUGH 2009

SAS DATASET NAME: vr_surv_2009_m_0571

#RECORDS: 10,333 (5209 ORIGINAL COHORT, 5124 OFFSPRING COHORT PARTICIPANTS)

NOTE:

THIS FILE CONTAINS VALIDATED ENDPOINTS INFORMATION AND SHOULD BE USED IN CONJUNCTION WITH THE CORRESPONDING "SEQUENCE OF EVENTS FILE" (VR_SOE_2009_M_0523). BOTH THE SEQUENCE OF EVENTS AND SURVIVAL FILE ARE CENSORED AT DECEMBER 31, 2007.

THIS FILE IS THE PRIMARY SOURCE FOR SURVIVAL AND FOLLOW-UP.

ON OCCASION, SIMILAR VARIABLES MAY APPEAR IN OTHER FILES. WHEN THIS OCCURS, THOSE VARIABLES SHOULD BE VIEWED AS INITIAL SCREENING TOOLS AND SHOULD NOT BE USED FOR DATA ANALYSIS THAT REQUIRES VALIDATED DATA (VALIDATED THROUGH FURTHER REVIEW BY EXPERT PANELS AND BY MEDICAL RECORDS).

ALL DATES ARE DAYS SINCE VISIT 1

VARIABLE	INFORMATION
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IDTYPE	FRAMINGHAM COHORT IDENTIFIER 0 = ORIGINAL COHORT 1 = OFFSPRING COHORT
ID DELETED	FRAMINGHAM ID NUMBER 1 - 9988 (1 - 6447 FOR ORIGINAL COHORT) (1 - 8233 FOR OFFSPRING) IDS DO NOT NECESSARILY TAKE ON ALL VALUES IN THE RANGE GIVEN.
PID	FRAMINGHAM RANDOMIZED PARTICIPANT ID
CVD	CARIOVASCULAR DISEASE (CVD) STATUS 0 = NO 1 = YES

VARIABLE

INFORMATION

CVDDATE

DATE OF CVD STATUS (=DATE OF CVD OR DATE OF CENSORING DATE, where CENSORING DATE=last known date participant did not have CVD)

Through 12/31/2007

(ORIGINAL COHORT: Through 12/31/2007

OFFSPRING COHORT: Through 12/31/2007)

In analysis involving incident CVD as an outcome, this is the date that should be used.

CVDDATE was created as follows:

- i. If participant had a CVD record in SOE 2009, CVDDATE= date of first CVD;
- ii. If the participant had no record indicating CVD in the SOE 2009 file, the following algorithm was used to determine censoring date:

1. For participants with health history update (HHU) data after last attended exam*:

- (a) If flags for potential CVD events from latest HHU record indicated no potential CVD, date of this latest HHU record was used as date of "no CVD" (CVD=0);
- (b) if these flags indicated potential CVD, but the latest HHU record was from 2007 or earlier, then date of this latest HHU record was used as date of "no CVD" (i.e., we are assuming that a potential CVD from HHU 2009 or earlier, but that did not end up as CVD in SOE 2009, was NOT a CVD);
- (c) if these flags indicated potential event, and the HHU record was from 2009 (so the potential CVD might not have been reviewed yet), the date of the previous HHU record (during or before 2007) or date of last attended exam was used, whichever is later.

2. For participants attending their latest exam* before or during 2007 and after their latest HHU: date of latest exam through 2007 was used as the censoring date.

*"exam" is last exam through exam 30 (Original cohort), exam 8 (Offspring cohort)

VARIABLE	INFORMATION
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LASTSOE	DATE OF THE LATEST RECORD IN THE SOE 2009 FILE (SOE >= 12/31/2007 IS CENSORED AT 12/31/2007) Through 12/31/2007 (ORIGINAL COHORT: Through 12/31/2007 OFFSPRING COHORT: Through 12/31/2007) . = NOT IN 2007 SOE (3274)
DATEDTH	DATE OF DEATH Through 12/31/2007 (ORIGINAL COHORT: Through 12/31/2007 OFFSPRING COHORT: Through 12/31/2007) . = NOT DEAD (4061)
DTHRVD	DEATH REVIEWED STATUS 1 = DEATH WAS REVIEWED 0 = DEATH WAS NOT REVIEWED . = NOT DEAD (4061) (NO PARTICIPANTS HAD AN UNREVIEWED DEATH).
LASTATT	DATE OF LAST EXAM ATTENDED (THROUGH 2007) (LAST EXAM >= 12/31/2007 CENSORED AT 12/31/2007) Through 12/31/2007 (ORIGINAL COHORT: Through 12/31/2007 OFFSPRING COHORT: Through 12/31/2007)
LASTCON	DATE OF LAST CONTACT THROUGH 2009 (LAST CONTACT >= 12/31/2007 CENSORED AT 12/31/2007) Through 12/31/2007 (ORIGINAL COHORT: Through 12/31/2007 OFFSPRING COHORT: Through 12/31/2007) . = DEAD (6272) NOTE: THIS IS LAST TIME PARTICIPANT WAS KNOWN TO BE ALIVE. THIS INFORMATION IS MISSING IF SUBJECT IS DEAD.

SURVDAYS NUMBER OF DAYS KNOWN ALIVE THROUGH 12/31/2007. CENSORING DATE FOR SURVIVAL ANALYSIS OR FOR NON-EVENTS. NOTE MAY BE ZERO FOR THOSE LOST TO FOLLOW-UP AFTER EXAM 1.