FRAMINGHAM HEART STUDY CODING MANUAL

Clinic Exam Dates, Sex, Age at Exam

COHORT: Original, Offspring, Generation 3, New Offspring Spouse, Omni 1, Omni 2

TIME INTERVAL: 1948 through 2014

DATASET NAME: vr_dates_2014_a_0912

OBSERVATIONS: 15448 # VARIABLES: (up to) 123

Variables that define a unique record: IDTYPE, ID.

NOTE: This dataset contains Framingham Heart Study clinic exam dates, age at exam and sex for all cohorts through the following exams:

Original (Gen1) Exam 1 - Exam 30
Offspring (Gen2) Exam 1 - Exam 9
Generation 3 (Gen3) Exam 1 - Exam 9
New Offspring Spouse (Gen2) Exam 1 - Exam 2
Omni 1 Cohort Exam 1 - Exam 4
Omni 2 Cohort Exam 1 - Exam 2

The age at each clinic exam was calculated using the clinic exam date and the date of birth. The following formula was used to calculate age at the nth exam: agen = int((daten-dob)/365.25). The date of birth dataset used to calculate the age was vr_dobr_2011_m_0834.

It is important to identify specific cohort (use IDTYPE) when determining the exam dates. For example, to isolate Original cohort Exam 3, one would specify IDTYPE=0 AND DATE3. Similarly, for Offspring cohort Exam 7 one would specify IDTYPE=1 and DATE7. NOTE that DATE5 alone would be ambiguous since two cohorts have had their fifth exam.

This dataset replaces vr dates 2011 m 0689.

FHS Coding Manual for vr_dates_2014_a_0912 Revised: 3/1/2015 10:22:08 PM

IDTYPE

Variable name: IDTYPE

Description: Framingham Heart Study cohort identifier

Code or Value	Description	Count
0	Original Cohort	5209
1	Offspring Cohort	5124
2	New Offspring Spouse Cohort	103
3	Generation 3 Cohort	4095
7	Omni 1 Cohort	507
72	Omni 2 Cohort	410

ID

Variable name: ID

Description: Framingham Heart Study participant identifier within cohort

Note: IDTYPE and ID taken together form a unique study participant identification number.

SEX

Variable name: SEX

Description: Participant gender

Code or Value	Description	Count
1	Male	7168
2	Female	8280
	Unknown	0

AGE1

Variable name: AGE1

Code or Value	Description	Count
5 — 85	Range of values	15447
	Unknown	1

Variable name: AGE2

Description: Age at Exam 2

Code or Value	Description	Count
17 — 90	Range of values	12860
	Unknown	2588

AGE3

Variable name: AGE3

Description: Age at Exam 3

Code or Value	Description	Count
18 — 89	Range of values	8587
	Unknown	6861

AGE4

Variable name: AGE4

Description: Age at Exam 4

Code or Value	Description	Count
22 — 88	Range of values	8861
	Unknown	6587

AGE5

Variable name: AGE5

Code or Value	Description	Count
26 — 84	Range of values	8220
	Unknown	7228

Variable name: AGE6

Description: Age at Exam 6

Code or Value	Description	Count
29 — 86	Range of values	7791
	Unknown	7657

AGE7

Variable name: AGE7

Description: Age at Exam 7

Code or Value	Description	Count
33 — 90	Range of values	7730
·	Unknown	7718

AGE8

Variable name: AGE8

Description: Age at Exam 8

Code or Value	Description	Count
40 — 93	Range of values	7051
	Unknown	8397

AGE9

Variable name: AGE9

Code or Value	Description	Count
44 — 98	Range of values	6263
	Unknown	9185

Variable name: AGE10

Description: Age at Exam 10

Code or Value	Description	Count
46 — 80	Range of values	3595
	Unknown	11853

AGE11

Variable name: AGE11

Description: Age at Exam 11

Code or	Value	Description	Count
49 –	- 81	Range of values	2955
		Unknown	12493

AGE12

Variable name: AGE12

Description: Age at Exam 12

Code or Value	Description	Count
50 — 83	Range of values	3261
	Unknown	12187

AGE13

Variable name: AGE13

Code or Value	Description	Count
52 — 85	Range of values	3133
	Unknown	12315

Variable name: AGE14

Description: Age at Exam 14

Code or Value	Description	Count
54 — 88	Range of values	2871
	Unknown	12577

AGE15

Variable name: AGE15

Description: Age at Exam 15

Code or Value	Description	Count
56 — 89	Range of values	2632
	Unknown	12816

AGE16

Variable name: AGE16

Description: Age at Exam 16

Code or Value	Description	Count
58 — 91	Range of values	2351
	Unknown	13097

AGE17

Variable name: AGE17

Code or Value	Description	Count
60 — 93	Range of values	2179
	Unknown	13269

Variable name: AGE18

Description: Age at Exam 18

Code or Value	Description	Count
62 — 94	Range of values	1825
	Unknown	13623

AGE19

Variable name: AGE19

Description: Age at Exam 19

Code or Value	Description	Count
64 — 96	Range of values	1541
	Unknown	13907

AGE20

Variable name: AGE20

Description: Age at Exam 20

Code or Value	Description	Count
67 — 97	Range of values	1401
	Unknown	14047

AGE21

Variable name: AGE21

Code or Value	Description	Count
68 — 99	Range of values	1319
·	Unknown	14129

Variable name: AGE22

Description: Age at Exam 22

Code or Value	Description	Count
70 — 101	Range of values	1166
	Unknown	14282

AGE23

Variable name: AGE23

Description: Age at Exam 23

Code or Value	Description	Count
72 — 101	Range of values	1026
	Unknown	14422

AGE24

Variable name: AGE24

Description: Age at Exam 24

Code or Value	Description	Count
74 — 103	Range of values	831
	Unknown	14617

AGE25

Variable name: AGE25

Code or Value	Description	Count
76 — 104	Range of values	703
	Unknown	14745

Variable name: AGE26

Description: Age at Exam 26

Code or Value	Description	Count
78 — 103	Range of values	558
	Unknown	14890

AGE27

Variable name: AGE27

Description: Age at Exam 27

Code or Value	Description	Count
82 — 104	Range of values	414
	Unknown	15034

AGE28

Variable name: AGE28

Description: Age at Exam 28

Code or Value	Description	Count
84 — 104	Range of values	303
	Unknown	15145

AGE29

Variable name: AGE29

Code or Value	Description	Count
85 — 102	Range of values	218
	Unknown	15230

Variable name: AGE30

Description: Age at Exam 30

 Code or Value	Description	Count
88 — 102	Range of values	141
	Unknown	15307

ATT1

Variable name: ATT1

Code or Value	Description	Count
0	Did not attend Exam 1	1
1	Attended Exam 1	15447
	Unknown	0

Variable name: ATT2

Description: Attended Exam 2

Code or Value Description Count 0 Did not attend Exam 2 2588 1 Attended Exam 2 12860 . Unknown 0

ATT3

Variable name: ATT3

Description: Attended Exam 3

Code or Value	Description	Count	
0	Did not attend Exam 3	2253	
1	Attended Exam 3	8587	
	Unknown	4608	

ATT4

Variable name: ATT4

Code or Value	Description	Count
0	Did not attend Exam 4	1979
1	Attended Exam 4	8861
	Unknown	4608

Variable name: ATT5

Description: Attended Exam 5

Code or Value Description Count 0 Did not attend Exam 5 2113 1 Attended Exam 5 8220 . Unknown 5115

ATT6

Variable name: ATT6

Description: Attended Exam 6

Code or Value	Description	Count
0	Did not attend Exam 6	2542
1	Attended Exam 6	7791
	Unknown	5115

ATT7

Variable name: ATT7

Code or Value	Description	Count
0	Did not attend Exam 7	2603
1	Attended Exam 7	7730
	Unknown	5115

Variable name: ATT8

Description: Attended Exam 8

Code or Value	Description	Count
0	Did not attend Exam 8	3282
1	Attended Exam 8	7051
	Unknown	5115

ATT9

Variable name: ATT9

Description: Attended Exam 9

Code or Value	Description	Count
0	Did not attend Exam 9	4070
1	Attended Exam 9	6263
	Unknown	5115

ATT10

Variable name: ATT10

Code or Value	Description	Count
0	Did not attend Exam 10	1614
1	Attended Exam 10	3595
	Unknown	10239

Variable name: ATT11

Description: Attended Exam 11

Code or Value	Description	Count
0	Did not attend Exam 11	2254
1	Attended Exam 11	2955
	Unknown	10239

ATT12

Variable name: ATT12

Description: Attended Exam 12

Code or Value	Description	Count
0	Did not attend Exam 12	1948
1	Attended Exam 12	3261
	Unknown	10239

ATT13

Variable name: ATT13

Code or Value	Description	Count
0	Did not attend Exam 13	2076
1	Attended Exam 13	3133
	Unknown	10239

Variable name: ATT14

Description: Attended Exam 14

Code or Value	Description	Count
0	Did not attend Exam 14	2338
1	Attended Exam 14	2871
	Unknown	10239

ATT15

Variable name: ATT15

Description: Attended Exam 15

Code or Value	Description	Count
0	Did not attend Exam 15	2577
1	Attended Exam 15	2632
	Unknown	10239

ATT16

Variable name: ATT16

Code or Value	Description	Count
0	Did not attend Exam 16	2858
1	Attended Exam 16	2351
	Unknown	10239

Variable name: ATT17

Description: Attended Exam 17

Code or Value	Description	Count
0	Did not attend Exam 17	3030
1	Attended Exam 17	2179
	Unknown	10239

ATT18

Variable name: ATT18

Description: Attended Exam 18

Code or Value	Description	Count
0	Did not attend Exam 18	3384
1	Attended Exam 18	1825
	Unknown	10239

ATT19

Variable name: ATT19

Code or Value	Description	Count
0	Did not attend Exam 19	3668
1	Attended Exam 19	1541
	Unknown	10239

Variable name: ATT20

Description: Attended Exam 20

Code or Value	Description	Count
0	Did not attend Exam 20	3808
1	Attend Exam 20	1401
	Unknown	10239

ATT21

Variable name: ATT21

Description: Attended Exam 21

Code or Value	Description	Count
0	Did not attend Exam 21	3890
1	Attended Exam 21	1319
	Unknown	10239

ATT22

Variable name: ATT22

Code or Value	Description	Count
0	Did not attend Exam 22	4043
1	Attended Exam 22	1166
	Unknown	10239

Variable name: ATT23

Description: Attended Exam 23

Code or Value	Description	Count
0	Did not attend Exam 23	4183
1	Attended Exam 23	1026
	Unknown	10239

ATT24

Variable name: ATT24

Description: Attended Exam 24

Code or Value	Description	Count
0	Did not attend Exam 24	4378
1	Attended Exam 24	831
	Unknown	10239

ATT25

Variable name: ATT25

Code or Value	Description	Count
0	Did not attend Exam 25	4506
1	Attended Exam 25	703
	Unknown	10239

Variable name: ATT26

Description: Attended Exam 26

Code or Value	Description	Count
0	Did not attend Exam 26	4651
1	Attended Exam 26	558
	Unknown	10239

ATT27

Variable name: ATT27

Description: Attended Exam 27

Code or Value	Description	Count
0	Did not attend Exam 27	4795
1	Attended Exam 27	414
	Unknown	10239

ATT28

Variable name: ATT28

Code or Value	Description	Count
0	Did not attend Exam 28	4906
1	Attended Exam 28	303
	Unknown	10239

Variable name: ATT29

Description: Attended Exam 29

 Code or Value
 Description
 Count

 0
 Did not attend Exam 29
 4991

 1
 Attended Exam 29
 218

 .
 Unknown
 10239

ATT30

Variable name: ATT30

Description: Attended Exam 30

 Code or Value
 Description
 Count

 0
 Did not attend Exam 30
 5068

 1
 Attended Exam 30
 141

 .
 Unknown
 10239

Variable name: DATE1

Description: Exam date for Exam 1

Code or Value	Description	Count
09/1948 — 07/2005	Range of values	15447
	Unknown	1

DATE2

Variable name: DATE2

Description: Exam date for Exam 2

Code or Value	Description	Count
08/1950 — 03/2011	Range of values	12860
·	Unknown	2588

DATE3

Variable name: DATE3

Code or Value	Description	Count
01/1952 — 01/2008	Range of values	8587
	Unknown	6861

Variable name: DATE4

Description: Exam date for Exam 4

Code or Value	Description	Count
01/1954 — 03/2014	Range of values	8861
	Unknown	6587

DATE5

Variable name: DATE5

Description: Exam date for Exam 5

Code or Value	Description	Count
05/1956 — 06/1995	Range of values	8220
	Unknown	7228

DATE6

Variable name: DATE6

Description: Exam date for Exam 6

Code or Value	Description	Count
06/1958 — 09/1998	Range of values	7791
	Unknown	7657

DATE7

Variable name: DATE7

Code or Value	Description	Count
03/1960 — 10/2001	Range of values	7730
	Unknown	7718

Variable name: DATE8

Description: Exam date for Exam 8

Code or Value	Description	Count
05/1962 — 01/2008	Range of values	7051
	Unknown	8397

DATE9

Variable name: DATE9

Description: Exam date for Exam 9

Code or Value	Description	Count
04/1964 — 04/2014	Range of values	6263
	Unknown	9185

DATE10

Variable name: DATE10

Description: Exam date for Exam 10

Code or Value	Description	Count
05/1966 — 08/1970	Range of values	3595
	Unknown	11853

DATE11

Variable name: DATE11

Code or Value	Description	Count
06/1968 — 09/1971	Range of values	2955
	Unknown	12493

Variable name: DATE12

Description: Exam date for Exam 12

Code or Value		Description	Count
06/1971 — 05/1	.974 Range of values		3261
	Unknown		12187

DATE13

Variable name: DATE13

Description: Exam date for Exam 13

Code or Value	Description	Count
01/1972 — 03/1976	Range of values	3133
	Unknown	12315

DATE14

Variable name: DATE14

Description: Exam date for Exam 14

Code or Value	Description	Count
05/1975 — 04/1978	Range of values	2871
	Unknown	12577

DATE15

Variable name: DATE15

Code or Value	Description	Count
03/1977 — 11/1979	Range of values	2632
	Unknown	12816

Variable name: DATE16

Description: Exam date for Exam 16

Code or Value	Description	Count
05/1979 — 05/1982	Range of values	2351
	Unknown	13097

DATE17

Variable name: DATE17

Description: Exam date for Exam 17

Code or Value	Description	Count
05/1981 — 05/1984	Range of values	2179
	Unknown	13269

DATE18

Variable name: DATE18

Description: Exam date for Exam 18

Code or Value	Description	Count
04/1983 — 11/1985	Range of values	1825
	Unknown	13623

DATE19

Variable name: DATE19

Code or Value	Description	Count
04/1985 — 06/1988	Range of values	1541
	Unknown	13907

Variable name: DATE20

Description: Exam date for Exam 20

Code or Value	Description	Count
11/1986 — 06/1990	Range of values	1401
	Unknown	14047

DATE21

Variable name: DATE21

Description: Exam date for Exam 21

Code or Value	Description	Count
10/1988 — 05/1992	Range of values	1319
	Unknown	14129

DATE22

Variable name: DATE22

Description: Exam date for Exam 22

Code or Value	Description	Count
12/1990 — 04/1994	Range of values	1166
	Unknown	14282

DATE23

Variable name: DATE23

Code or Value	Description	Count
11/1992 — 03/1996	Range of values	1026
	Unknown	14422

Variable name: DATE24

Description: Exam date for Exam 24

Code or Value	Description	Count
03/1995 — 01/1998	Range of values	831
	Unknown	14617

DATE25

Variable name: DATE25

Description: Exam date for Exam 25

Code or Value	Description	Count
06/1997 — 12/1999	Range of values	703
	Unknown	14745

DATE26

Variable name: DATE26

Description: Exam date for Exam 26

Code or Value	Description	Count
05/1999 — 11/2001	Range of values	558
	Unknown	14890

DATE27

Variable name: DATE27

Code or Value	Description	Count
01/2002 — 11/2003	Range of values	414
	Unknown	15034

Variable name: DATE28

Description: Exam date for Exam 28

Code or Value	Description	Count
02/2004 — 10/2005	Range of values	303
	Unknown	15145

DATE29

Variable name: DATE29

Description: Exam date for Exam 29

Code or Value	Description	Count
04/2006 — 12/2007	Range of values	218
	Unknown	15230

DATE30

Variable name: DATE30

Code or Value	Description	Count
05/2008 — 01/2010	Range of values	141
	Unknown	15307

Variable name: SITE1

Description: Site of Framingham Heart Study Exam 1

Code or Value	Description	Count
0	Clinic	4608
1	Nursing home	0
2	Residence	1
3	Other location	0
•	Unknown, was not tracked, or did not attend exam	10839

SITE2

Variable name: SITE2

Code or Value	Description	Count
0	FHS Clinic (on site)	3946
1	Nursing home	3
2	Residence	1
3	Other location	0
	Unknown, was not tracked, or did not attend exam	11498

Variable name: SITE3

Description: Site of Framingham Heart Study Exam 3

Code or Value	Description	Count
0	FHS Clinic (on site)	298
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15150

SITE4

Variable name: SITE4

Description: Site of Framingham Heart Study Exam 4

Code or Value	Description	Count
0	FHS Clinic (on site)	297
1	Nursing home	0
2	Residence	4
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15147

SITE5

Variable name: SITE5

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

Variable name: SITE6

Description: Site of Framingham Heart Study Exam 6

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
•	Unknown, was not tracked, or did not attend exam	15448

SITE7

Variable name: SITE7

Description: Site of Framingham Heart Study Exam 7

Code or Value	Description	Count
0	FHS Clinic (on site)	790
1	Nursing home	10
2	Residence	151
3	Other location	0
	Unknown, was not tracked, or did not attend exam	14497

SITE8

Variable name: SITE8

Code or Value	Description	Count
0	FHS Clinic (on site)	2914
1	Nursing home	26
2	Residence	81
3	Other location	0
	Unknown, was not tracked, or did not attend exam	12427

Variable name: SITE9

Description: Site of Framingham Heart Study Exam 9

Code or Value	Description	Count
0	FHS Clinic (on site)	2289
1	Nursing home	20
2	Residence	108
3	Other location	13
	Unknown, was not tracked, or did not attend exam	13018

SITE10

Variable name: SITE10

Description: Site of Framingham Heart Study Exam 10

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE11

Variable name: SITE11

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

Variable name: SITE12

Description: Site of Framingham Heart Study Exam 12

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE13

Variable name: SITE13

Description: Site of Framingham Heart Study Exam 13

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE14

Variable name: SITE14

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

Variable name: SITE15

Description: Site of Framingham Heart Study Exam 15

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE16

Variable name: SITE16

Description: Site of Framingham Heart Study Exam 16

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE17

Variable name: SITE17

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

Variable name: SITE18

Description: Site of Framingham Heart Study Exam 18

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE19

Variable name: SITE19

Description: Site of Framingham Heart Study Exam 19

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE20

Variable name: SITE20

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

Variable name: SITE21

Description: Site of Framingham Heart Study Exam 21

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE22

Variable name: SITE22

Description: Site of Framingham Heart Study Exam 22

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE23

Variable name: SITE23

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

Variable name: SITE24

Description: Site of Framingham Heart Study Exam 24

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE25

Variable name: SITE25

Description: Site of Framingham Heart Study Exam 25

Code or Value	Description	Count
0	FHS Clinic (on site)	0
1	Nursing home	0
2	Residence	0
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15448

SITE26

Variable name: SITE26

Code or Value	Description	Count
0	FHS Clinic (on site)	275
1	Nursing home	47
2	Residence	129
3	Other location	0
•	Unknown, was not tracked, or did not attend exam	14997

Variable name: SITE27

Description: Site of Framingham Heart Study Exam 27

Code or Value	Description	Count
0	FHS Clinic (on site)	216
1	Nursing home	53
2	Residence	145
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15034

SITE28

Variable name: SITE28

Description: Site of Framingham Heart Study Exam 28

Code or Value	Description	Count
0	FHS Clinic (on site)	138
1	Nursing home	54
2	Residence	111
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15145

SITE29

Variable name: SITE29

Code or Value	Description	Count
0	FHS Clinic (on site)	81
1	Nursing home	42
2	Residence	95
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15230

Variable name: SITE30

Code or Value	Description	Count
0	FHS Clinic (on site)	56
1	Nursing home	46
2	Residence	39
3	Other location	0
	Unknown, was not tracked, or did not attend exam	15307