

**Cohort, Exam 4****Derived variables data set****Data set name: DERIVE47**

This data set contains useful variables derived using Exam 4 data.

<i>ABI44</i>		<i>Ankle Brachial Index V4, Definition 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6404	Range	0.409574 - 1.970149 ( median=1.173228 mean=1.1556545 std=0.1708144 )
5252		Missing

<i>ABIV4</i>		<i>ABI Measurement Status At V4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5237	N	ABI44='.'
2	R	ABI44='.R'
13	S	ABI44='.S'
6404	Y	ABI44=>0

<i>ANTICOAGCODE41</i>		<i>Used Anticoagulates (At Visit 4) Last 2 Weeks (0=no, 1=yes) Based On 2004 Med Code</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11371	0	No
236	1	Yes
49		Missing

<i>ARTSS41</i>		<i>Arterial Sum Of Squares</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
938	Range	20660 - 72205 ( median=41658 mean=42106.6 std=7968.1 )
10718		Missing

<i>ASPIRINCODE41</i>		<i>Used Aspirin-Containing Analgesics (At Visit 4) In Last 2 Weeks (0=no, 1=yes), Based On 2004 Med Code</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5023	0	No
6583	1	Yes
50		Missing

<i>AV_B41</i>		<i>V4 AVR Branch</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
938	Range	0.608716 - 1.097113 ( median=0.832443 mean=0.8385241 std=0.0776642 )
10718		Missing

**Cohort, Exam 4**

<i>BIFPLQ41</i>		<i>Plaque In Either Carotid Bifurcation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
35	T	Missing
4491	0	No
2356	1	Yes
4774		Missing

<i>BIFPS41</i>		<i>Plaque/Shadowing In Either Bifurcation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
35	T	Missing
497	1	Plaque and shadowing (same side)
1859	2	Plaque only
15	3	Shadowing only
4476	4	No plaque or shadow (on either side)
4774		Missing

<i>BIFSHD41</i>		<i>Shadowing In Either Carotid Bifurcation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
35	T	Missing
6326	0	No
521	1	Yes
4774		Missing

<i>BIRTHDAT</i>		<i>Date Of Birth Of Subject</i>	<i>Q11</i>
<i>N</i>	<i>Value</i>	<i>Description</i>	
11656	Range	02/25/1920 - 03/17/1945	

<i>BMI41</i>		<i>Body Mass Index In Kg/M**2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11618	Range	13.52009 - 59.23432 ( median=28.01685 mean=28.822493 std=5.624466 )
38		Missing

**Cohort, Exam 4**

<i>CENTER</i>		<i>Aric Field Center (Cir)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2851	F	Forsyth County, NC
2368	J	Jackson City, MS
3252	M	Minneapolis Townships, MN
3185	W	Washington County, MD

<i>CHDRISK10YR_41</i>		<i>Predicted 10 year risk of incident coronary heart disease (CHD)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10221	Range	0.1939 - 87.34625 ( median=5.140957 mean=7.5098478 std=7.4707423 )
1435		Missing

<i>CHOLMDCODE41</i>		<i>Cholesterol Lowering Medication Within 2wks: Using 2004 Med Code -V3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
48	T	Missing
9939	0	No
1669	1	Yes

<i>CHOLMDCODE42</i>		<i>Medications Which Secondly Affect Cholesterol: Using 2004 Med Code -V4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
48	T	Missing
7475	0	No
4133	1	Yes

<i>CIGT41</i>		<i>Cigarette Smoking Status</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1716	1	Current smoker
5034	2	Former smoker
4792	3	Never smoker
5	4	Unknown, but one of the above 3 categories may be ruled out
109		Missing

**Cohort, Exam 4**

<i>CLVH41</i>		<i>LVH Present By Cornell Definition</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8005	0	No
291	1	Yes
3360		Missing

<i>COMPLET4</i>		<i>Indicator For Visit 4 Participation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11656	1	Yes

<i>COMPLQ41</i>		<i>Plaque In Either Common Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	T	Missing
6296	0	No
584	1	Yes
4774		Missing

<i>COMPS41</i>		<i>Plaque/Shadowing In Either Common</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	T	Missing
42	1	Plaque and shadowing (same side)
542	2	Plaque only
4	3	Shadowing only
6292	4	No plaque or shadow (on either side)
4774		Missing

<i>COMSHD41</i>		<i>Shadowing In Either Common Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2	T	Missing
6834	0	No
46	1	Yes
4774		Missing

**Cohort, Exam 4**

<i>CRAE_B41</i>		<i>Derived CRAE_B41</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
938	Range	113 - 213.4 ( median=157.9 mean=158.21 std=16.23 )
10718		Missing

<i>CRVE41</i>		<i>Derived CRVE41</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
938	Range	139.1 - 253.6 ( median=188.1 mean=189.24 std=17.01 )
10718		Missing

<i>CURDRK41</i>		<i>Current Drinker</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
112	T	Missing
5876	0	No
5668	1	Yes

<i>CURSMK41</i>		<i>Current Cigarette Smoker</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
113	T	Missing
9827	0	No
1716	1	Yes

<i>DIABETESRISK9YR_41</i>		<i>Predicted 9 year risk of incident type two diabetes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8734	Range	0.083026 - 91.14 ( median=10.40848 mean=15.968409 std=15.640398 )
2922		Missing

<i>DIABTS41</i>		<i>Diabetes Using Lower Cutpoint 140 Mg/dL</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
102	T	Missing
9861	0	No
1652	1	Yes
41		Missing

**Cohort, Exam 4**

<i>DIABTS42</i>		<i>Diabetes Using Lower Cutpoint 126 Mg/dL</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
105	T	Missing
9567	0	No
1943	1	Yes
41		Missing

<i>DRNKR41</i>		<i>Drinker Status Variable</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5668	1	Current drinker
3466	2	Former drinker
2410	3	Never drinker
1	4	Unknown
111		Missing

<i>ECGMI41</i>		<i>Prevalent Myocardial Infarction from Adjudicated ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
127	T	Missing
11432	0	Yes
97	1	No

<i>ETHANL41</i>		<i>Usual Alcohol Intake In Grams/Week</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11535	Range	0 - 1293.6 ( median=0 mean=32.8 std=80.9 )
121		Missing

<i>EVRDRK41</i>		<i>Ever Drinker</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
111	T	Missing
2410	0	No
9135	1	Yes

**Cohort, Exam 4**

<i>EVRSMK41</i>		<i>Ever Smoked Cigarettes</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
110	T	Missing
4792	0	No
6754	1	Yes

<i>FAST0841</i>		<i>Fasting Time Of 8 Hours Or More</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
109	T	Missing
495	0	No
11052	1	Yes

<i>FAST1241</i>		<i>Fasting Time Of 12 Hours Or More</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
109	T	Missing
943	0	No
10604	1	Yes

<i>FORDRK41</i>		<i>Former Drinker</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
112	T	Missing
8078	0	No
3466	1	Yes

<i>FORSMK41</i>		<i>Former Cigarette Smoker</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
114	T	Missing
6508	0	No
5034	1	Yes

<i>GENDER</i>		<i>Sex (From FTRA22)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6508	F	Female
5148	M	Male

**Cohort, Exam 4**

<i>GL2SIU41</i>		<i>V4 Two Hour Glucose In SI Units</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
9042	Range	1.72081 - 35.35987 ( median=7.04977 mean=7.730028 std=3.025086 )
2614		Missing

<i>GLUSIU41</i>		<i>V4 Fasting Glucose In SI Units</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11560	Range	1.99836 - 39.52312 ( median=5.551 mean=6.1607 std=2.1335 )
96		Missing

<i>GRADE41</i>		<i>Photo Gradeable: 1=yes, 0=no</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
938	1	Yes
10718		Missing

<i>GRADE42</i>		<i>Gradeability Of Photo, Definition #2</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
161	0	No
937	1	Yes
10558		Missing

<i>HDL SIU41</i>		<i>Re-Calibrated HDL Cholesterol In mmol/L</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11560	Range	0.2586 - 4.5255 ( median=1.21542 mean=1.292233 std=0.427331 )
96		Missing

<i>HORMON41</i>		<i>V4 Hormone Use</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
1267	1	Current Estrogen User
440	2	Current Estrogen and Progestin User
2388	3	Never Used Hormones
188	4	Former Hormone User or Former User of other medications reported by Participants as hormones
7373		Missing



**Cohort, Exam 4**

<i>HXOFMI41</i>		<i>V4 History Of Myocardial Infarction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10817	0	No
839	1	Yes

<i>HYPERT44</i>		<i>Hypertension, Definition 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7113	0	No
4470	1	Yes
73		Missing

<i>HYPERT45</i>		<i>Hypertension, Definition 5</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6043	0	No
5557	1	Yes
56		Missing

<i>HYPERT46</i>		<i>Hypertension, Definition 6</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
7017	0	No
4570	1	Yes
69		Missing

<i>HYPTMD41</i>		<i>V3 Hypertension Medications, Definition 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
72	T	Missing
7323	0	No
4261	1	Yes

<i>HYPTMDCODE41</i>		<i>Hypertension Lowering Medication Within Past 2 Weeks (V4)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6548	0	No
5108	1	Yes

**Cohort, Exam 4**

<i>ID</i>		<i>ARIC Participant ID</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11656	Present	Text suppressed

<i>INCPAD</i>		<i>Incident Pad At V3 Or V4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2360	S	
986	0	No
478	1	Yes
7832		Missing

<i>INCPAD4</i>		<i>Incident Pad At V4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5722	0	No
328	1	Yes
5606		Missing

<i>INTPLQ41</i>		<i>Plaque In Either Internal Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
136	T	Missing
5538	0	No
1208	1	Yes
4774		Missing

<i>INTPS41</i>		<i>Plaque/Shadowing In Either Internal</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
136	T	Missing
206	1	Plaque and shadowing (same side)
1002	2	Plaque only
12	3	Shadowing only
5526	4	No plaque or shadow (on either side)
4774		Missing

**Cohort, Exam 4**

<i>INTSHD41</i>		<i>Shadowing In Either Internal Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
136	T	Missing
6524	0	No
222	1	Yes
4774		Missing

<i>LBIFPS41</i>		<i>Plaque/Shadowing In Left Bifurcation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
330	T	Missing
288	1	Plaque and shadowing
1185	2	Plaque only
15	3	Shadowing only
5064	4	No plaque or shadow
4774		Missing

<i>LCOMPS41</i>		<i>Plaque/Shadowing In The Left Common</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
159	T	Missing
18	1	Plaque and shadowing
277	2	Plaque only
3	3	Shadowing only
6425	4	No plaque or shadow
4774		Missing

<i>LDL41</i>		<i>Re-Calibrated LDL Cholesterol In mg/dL</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11374	Range	7.4 - 434 ( median=120.8 mean=122.63 std=33.47 )
282		Missing

<i>LDLSIU41</i>		<i>Re-Calibrated LDL Cholesterol In mmol/L</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11374	Range	0.191364 - 11.22324 ( median=3.123888 mean=3.1712791 std=0.8655191 )
282		Missing

**Cohort, Exam 4**

<i>LEGANK41</i>		<i>Leg Used At V4 For Ankle BP</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5237	.	Missing
3165	LSCAN	UBAA02D (Scan date, day)= an even #
22	LVISIT	UBAA02D (Scan date, day) is missing and V3DATE31= an even # for the day part
3200	RSCAN	UBAA02D (Scan date,day)= an odd #
32	RVISIT	UBAA02D (Scan date, day) is missing and V3DATE31= an odd # for the day part

<i>LEGSAM14</i>		<i>Same Leg Used For Ankle BP At V1 And 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5482	.	Missing
3044	N	No
3130	Y	Yes

<i>LEGSAM34</i>		<i>Same Leg Used For Ankle BP At V3 And 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10532	.	Missing
566	N	No
558	Y	Yes

<i>LINTPS41</i>		<i>Plaque/Shadowing In Left Internal Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
447	T	Missing
93	1	Plaque and shadowing
595	2	Plaque only
5	3	Shadowing only
5742	4	No plaque or shadow
4774		Missing

**Cohort, Exam 4**

<i>LPLQSD41</i>		<i>Plaque/Shadowing In Any Left Carotid Site</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
570	T	Missing
325	1	Plaque and shadowing (any site)
1399	2	Plaque only
15	3	Shadowing only
4573	4	No plaque or shadow (at both sites)
4774		Missing

<i>LVHSCR41</i>		<i>Cornell Voltage In UV (S In V3+r In AVL)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8296	Range	105 - 5376 ( median=1265.5 mean=1334.08 std=563.80 )
3360		Missing

<i>MACHMI41</i>		<i>Pre Myocard Infarction From Machine Coded ECG</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
137	T	Missing
11386	0	No
133	1	Yes

<i>MDDXMI41</i>		<i>V4 MD Diagnosed Myocardial Infarction</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10909	0	No
747	1	Yes

<i>MENOPS41</i>		<i>Menopausal Status At Visit 4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
3	T	Missing
183	2	Premenopause
221	3	Perimenopause
4405	4	Post Natural
1134	5	Post Surgical
70	6	Unknown Ovarian
9	7	Post Radiation
29	8	Post Unknown
5602		Missing

**Cohort, Exam 4**

<i>NLVHSC41</i>		<i>Cornell Voltage In mm</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
8296	Range	1.05 - 53.76 ( median=12.655 mean=13.3408 std=5.6380 )
3360		Missing

<i>PAD41</i>		<i>Peripheral Artery Disease V4, Definition 1</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
6011	0	No
393	1	Yes
5252		Missing

<i>PAD42</i>		<i>Pad V4, Definition 2 (Same For Both Genders)</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
5932	0	No
472	1	Yes
5252		Missing

<i>PLAQUE41</i>		<i>Plaque In Any Site</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
980	T	Missing
3453	0	No
2449	1	Yes
4774		Missing

<i>PLAQUE42</i>		<i>Alternate Definition Plaque In Any Site</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
4157	0	No
2725	1	Yes
4774		Missing

**Cohort, Exam 4**

<i>PLQSHD41</i>		<i>Plaque/Shadowing In Any Carotid Site</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
980	T	Missing
531	1	Plaque and shadowing (any site)
1918	2	Plaque only (any site)
22	3	Shadowing only (any site)
3431	4	No plaque or shadow (at both sites)
4774		Missing

<i>PRVCHD42</i>		<i>V4 Prevalent Coronary Heart Disease - Unverified</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	T	Missing
10499	0	No
985	1	Yes
68		Missing

<i>PRVCHD43</i>		<i>Prevalent Coronary Heart Disease At V4, Definition 3</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
10446	0	No
983	1	Yes
227		Missing

<i>PRVSTR41</i>		<i>Prevalent Stroke At V4</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11360	0	No
271	1	Yes
25		Missing

<i>QWAVE44A</i>		<i>Diagnostic Q-Wave Present</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
27	T	Missing
11359	0	No
187	1	Yes
83		Missing

**Cohort, Exam 4**

QWAVE47A		Major Q-Wave Present Without Codes 711 Or 74
N	Value	Description
27	M	Missing
16	T	Missing
11459	0	No
70	1	Yes
84		Missing

QWAVE48B		Minor Q-Wave With S Or ST & No Codes 711/74
N	Value	Description
27	M	Missing
11507	0	No
35	1	Yes
87		Missing

QWAVEM47		Same As QWAVE47A But Uses Machine Code
N	Value	Description
23	T	Missing
11427	0	No
92	1	Yes
114		Missing

QWVEM48B		Same As QWAVE48B But Uses Machine Code
N	Value	Description
27	M	Missing
11500	0	No
42	1	Yes
87		Missing

RACEGRP		Race (From FTRA23)
N	Value	Description
24	A	Asian or Pacific Islander
2664	B	Black
7	I	American Indian or Alaskan Indian
8961	W	White



**Cohort, Exam 4**

<i>RBIFPS41</i>		<i>Plaque/Shadowing In Right Carotid Bifurcation</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
206	T	Missing
288	1	Plaque and shadowing
1286	2	Plaque only
12	3	Shadowing only
5090	4	No plaque or shadow
4774		Missing

<i>RCOMPS41</i>		<i>Plaque/Shadowing In Right Common Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
104	T	Missing
30	1	Plaque and shadowing
335	2	Plaque only
1	3	Shadowing only
6412	4	No plaque or shadow
4774		Missing

<i>RINTPS41</i>		<i>Plaque/Shadowing In Right Internal Carotid</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
529	T	Missing
133	1	Plaque and shadowing
604	2	Plaque only
12	3	Shadowing only
5604	4	No plaque or shadow
4774		Missing

<i>RPLQSD41</i>		<i>Plaque/Shadowing In Any Right Carotid Site</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
585	T	Missing
348	1	Plaque and shadowing (any site)
1497	2	Plaque only (any site)
21	3	Shadowing only (any site)
4431	4	No plaque or shadow (at both sites)
4774		Missing

**Cohort, Exam 4**

STATINCODE41		Used Statin (At Visit 4) Last 2 weeks (0=no, 1=yes) Based On 2004 Med Code
N	Value	Description
10286	0	No
1321	1	Yes
49		Missing

STROKERISK10YR _41		Predicted 10 year risk of incident Ischemic Stroke
N	Value	Description
7779	Range	0.314295 - 87.03986 ( median=2.887779 mean=5.1200157 std=6.6723094 )
3877		Missing

TCHSIU41		V4 Total Cholesterol In SI Units
N	Value	Description
11560	Range	1.99122 - 15.80046 ( median=5.12028 mean=5.193715 std=0.959257 )
96		Missing

TGLEFH41		Triglycerides <= 400 Mg/dL
N	Value	Description
186	0	No
11374	1	Yes
96		Missing

TRGSIU41		V4 Triglycerides In SI Units
N	Value	Description
11560	Range	0.2258 - 24.81542 ( median=1.37738 mean=1.623189 std=0.985275 )
96		Missing

V4AGE41		Age At Visit 4
N	Value	Description
11656	Range	52 - 75 ( median=62 mean=62.8 std=5.7 )

**Cohort, Exam 4**

<i>V4CENTER</i>		<i>Center For Visit 4 Exam</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
2848	F	Forsyth County, NC
2367	J	Jackson City, MS
3253	M	Minneapolis Townships, MN
3188	W	Washington County, MD

<i>V4DATE41</i>		<i>Visit 4 Date</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11656	Range	02/01/1996 - 01/30/1999

<i>VEINSS41</i>		<i>Vein Sum Of Squares</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
938	Range	28356 - 112673 ( median=56296.5 mean=57482.27 std=11556.77 )
10718		Missing

<i>WSTHPR41</i>		<i>Waist-To-Hip Ratio</i>
<i>N</i>	<i>Value</i>	<i>Description</i>
11623	Range	0.463636 - 1.90566 ( median=0.959677 mean=0.9486696 std=0.0729115 )
33		Missing