

**Data Set Name: afl.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	AF1v1	Char	1	1. First, have you had a serious illness or injury that started or got worse in the last year?
4	AF1v2	Char	1	2. Have you been the victim of a serious physical attack, mugging, sexual assault or other assault?
5	AF1v3	Char	1	3. Have you been robbed or was your home burglarized?
6	AF1v4	Char	1	4. Have you lost a loved one due to violence?
7	AF1v5	Char	1	5. Has your house been shot at, or has there been gunfire in your neighborhood?
8	AF1v6	Char	1	6. Has anyone close to you died?
9	AF1v7	Char	1	7. Has a family member or close friend had a major illness or injury?
10	AF1v8	Char	1	8. Have you moved to a worse residence or neighborhood?
11	AF1v9	Char	1	9. Have you or anyone in your household lost a job?
12	AF1v10	Char	1	10. Have you retired from a job when you did not want to?
13	AF1v11	Char	1	11. Have you had a divorce or separation from your (husband/wife)?
14	AF1v12	Char	1	12. Were you raised up to age 16 by anyone other than your natural parents?
15	AF1v13a	Char	1	13a. Was that because one of your parents died, because they divorced or separated, or from some other reason?
16	AF1v14a	Char	1	14a. Did your father (or other important male caretaker) ever work for pay while you were growing up?
17	AF1v15a	Num	8	15a. What is the highest degree or years of school your father (or important male caretaker) completed, including trade or vocational school or college?
18	AF1v15b	Char	1	15b. Did he complete a GED?
19	AF1v16a	Char	1	16a. Did your mother (or other important female caretaker) ever work for pay while you were growing up?
20	AF1v17a	Num	8	17a. What is the highest degree or years of school your mother (or important female caretaker) completed, including trade or vocational school or college?
21	AF1v17b	Char	1	17b. Did she complete a GED?
22	AF1v18	Char	1	18. When you were growing up, did your parents own or were buying their home, pay rent, or had some other living arrangement, such as living with relatives, etc.?
23	AF1v19a	Char	1	Thinking about the place you lived until you were age 10, did it: have indoor plumbing?
24	AF1v19b	Char	1	Thinking about the place you lived until you were age 10, did it: have electricity?
25	AF1v19c	Num	8	Thinking about the place you lived until you were age 10, did it: and how many rooms did it have?
26	AF1v20a	Char	1	When you were growing up, that is up until you were 10 years old or so, did your family own or have: a refrigerator?
27	AF1v20b	Char	1	When you were growing up, that is up until you were 10 years old or so, did your family own or have: a car?
28	AF1v20c	Char	1	When you were growing up, that is up until you were 10 years old or so, did your family own or have: a telephone?
29	AF1v20d	Char	1	When you were growing up, that is up until you were 10 years old or so, did your family own or have: a television?
30	AF1v20e	Char	1	When you were growing up, that is up until you were 10 years old or so, did your family own or have: air conditioning?
31	VERS	Char	1	FORM VERSION



**Data Set Name: af2.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	AF2v1	Char	1	1. In uncertain times I expect the best.
4	AF2v2	Char	1	2. If something can go wrong for me, it will.
5	AF2v3	Char	1	3. I'm always optimistic about my future.
6	AF2v4	Char	1	4. I hardly ever expect things to go my way.
7	AF2v5	Char	1	5. I rarely count on good things happening to me.
8	AF2v6	Char	1	6. Overall, I expect more good things to happen than bad.
9	AF2v7	Char	1	7. Please tell me which of the following best describes your employment status?
10	AF2v8	Char	1	8. Have you worked for pay in the past?
11	AF2v9	Char	1	9. How satisfied (are/were) you with your job?
12	AF2v10	Char	1	10. During the past year, how often were you in a situation where you faced job loss or layoff?
13	AF2v11	Char	1	11. Sometimes people have jobs that they want to keep. When thinking about your job (now/when you were working),
14	AF2v12	Char	1	12. If you were to lose your main job, what do you think your chances (would be/would have been) of finding another job that paid about the same?
15	AF2v13	Char	1	13. I (have/had) very little chance to decide how I do my work.
16	AF2v14	Char	1	14. My work (requires/required) working very fast.
17	AF2v15	Char	1	15. My work (requires/required) a lot of physical effort.
18	AF2v16	Char	1	16. I (have/had) enough time to get my work done.
19	AF2v17	Char	1	17. I (get/got) to do a variety of different things.
20	AF2v18	Char	1	18. At your workplace, (do/did) you participate in making decisions about such things as the products or services offered?
21	AF2v19a	Char	1	19a. As an official part of your job, (do/did) you supervise work of other employees, have responsibility for or tell other employees what work to do?
22	AF2v19b	Char	1	19b. (Do/Did) you hold a managerial position at your place of employment?
23	AF2v19c	Char	1	19c. Would that (be/have been) a top, upper, middle or lower managerial position?
24	AF2v20	Char	1	20. (Does/Did) someone else supervise your work?
25	AF2v21	Char	1	21. (Is/Was) your immediate supervisor Black, White, or of another ethnicity or race?
26	AF2v22	Char	1	22. Do you think your job (is/was) one that Black people tend to get more than people of other ethnic groups?
27	AF2v23	Char	1	23. (Is/Was) your work group all Black, mostly Black, about half Black and half White, mostly White, or all White?
28	VERS	Char	1	FORM VERSION

**Data Set Name: af3.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	AF3v1	Char	1	1: Make my life how I want
4	AF3v2	Char	1	2: Complete the job
5	AF3v3	Char	1	3: Get things done others think can't
6	AF3v4	Char	1	4: Things go wrong I work harder
7	AF3v5	Char	1	5: Do things right myself
8	AF3v6	Char	1	6: Manage to get things done
9	AF3v7	Char	1	7: Seldom disappointed by hard work
10	AF3v8	Char	1	8: Stands up for beliefs
11	AF3v9	Char	1	9: Never lost sight of goals
12	AF3v10	Char	1	10: Do things the way I want to do them
13	AF3v11	Char	1	11: Personal feelings don't get in way
14	AF3v12	Char	1	12: Hard work has helped me get ahead
15	AF3v13	Char	1	13: Neighborhood: close knit
16	AF3v14	Char	1	14: Neighborhood: willing to help
17	AF3v15	Char	1	15: Neighborhood: people don't get along
18	AF3v16	Char	1	16: Neighborhood: people can be trusted
19	AF3v17	Char	1	17: Neighborhood: different values
20	AF3v18	Char	1	18: Neighborhood: safe from crime
21	AF3v19	Char	1	19: Neighborhood fight using weapons
22	AF3v20	Char	1	20: Violent argument between neighbors
23	AF3v21	Char	1	21: Gang fights
24	AF3v22	Char	1	22: Sexual assault/rape
25	AF3v23	Char	1	23: Robbery/mugging
26	AF3v24	Char	1	24: Excessive noise
27	AF3v25	Char	1	25: Heavy traffic/speeding cars
28	AF3v26	Char	1	26: Lack of access to food/shopping
29	AF3v27	Char	1	27: Lack of parks/playgrounds
30	AF3v28	Char	1	28: Trash and litter
31	AF3v29	Char	1	29: No sidewalks/poor sidewalks
32	VERS	Char	1	FORM VERSION



*Data Set Name: afea.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	AFEA1	Char	1	When you first enrolled in JHS if you were currently smoking, was your preferred brand of cigarettes menthol flavored?
4	AFEA2	Char	1	Is your current preferred brand of cigarettes manthol flavored?
5	VERS	Char	1	FORM VERSION

**Data Set Name: *afulong.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	date	Num	8	Interview Date
3	v1date	Num	8	V1DATE: Date of Exam 1 Clinic Visit
4	time	Num	8	Time from V1DATE
5	V2date	Num	8	V2DATE: Date of Exam 2 Clinic Visit
6	V3date	Num	8	V3DATE: Date of Exam 3 Clinic Visit
7	cOptions	Char	1	Contacted and alive
8	rOptions	Char	1	Reported and alive
9	dOptions	Char	1	Reported deceased
10	resultCode	Num	8	Final Screening Result Code
11	maritalStatus	Char	1	Which of the following describes your current marital status?
12	inptHosp	Char	1	Have you stayed overnight as a patient in a hospital for any other reason since our last contact?
13	outptHosp	Char	1	Were you admitted to an emergency room or a medical facility for outpatient treatment since our last contact?
14	outptHospHeart	Char	1	Was this related to a heart problem or difficulty breathing?
15	nursingEver	Char	1	Since our last contact, have you stayed overnight as a patient in a nursing home?
16	nursingCurrent	Char	1	Are you currently staying in a nursing home?
17	cigaretteSmoke	Char	1	Do you now smoke cigarettes?
18	employmentStatus	Num	8	Which of the following best describes your employment status?
19	employedStatus	Num	8	Which of these two categories best describes your 'employed' status?
20	unemployedStatus	Num	8	Which of these two categories best describes your 'unemployed' status?
21	retiredStatus	Num	8	Which of these two categories best describes your 'retired' status?
22	healthPerception	Char	1	Over the past year, compared to other people your age, would you say your health has been excellent, good, fair, or poor?
23	fxHeavy	Num	8	Are you able to do heavy work around the house, like shoveling snow or washing windows, walls, or floors without help?
24	fxStairs	Num	8	Are you able to walk up and down stairs without help?
25	fxWalk	Num	8	Are you able to walk half a mile without help?
26	fxWork	Num	8	Are you ABLE to go to work?
27	fxWorkHeart	Num	8	Is a heart problem the main cause of your not being able to work?
28	fxWorkMiss	Num	8	During the past 4 weeks, have you missed work for at least half a day because of your health?
29	fxWorkMissDays	Num	8	On how many days has this happened?
30	fxActivities	Num	8	Are you able to do your usual activities, such at work around the house or recreation?
31	fxActivitiesHeart	Num	8	Is a heart problem the main cause of your being unable to do these activities?
32	fxActivitiesCut	Num	8	During the past 4 weeks, have you had to cut down on your usual activities, such as work around the house or recreation, for half a day or more because of your health?
33	fxActivitiesCutDays	Num	8	On how many days has this happened?

Num	Variable	Type	Len	Label
34	HFmedsAFU	Char	1	Did you take any medication for heart failure in the past two weeks?
35	BPmedsAFU	Char	1	Did you take any medication for high blood pressure in the past two weeks?
36	DMmedsAFU	Char	1	Did you take any medication for diabetes or high blood sugar in the past two weeks?
37	statinMedsAFU	Char	1	Did you take any medication for high blood cholesterol in the past two weeks?
38	aspirinMedsAFU	Char	1	Are you now taking aspirin or a medicine containing aspirin on a regular basis? This does not include Tylenol nor Advil.
39	asthmaMedsAFU	Char	1	Did you take any medication for asthma in the past two weeks?
40	lungMedsAFU	Char	1	Did you take any medication for chronic bronchitis or emphysema in the past two weeks?
41	rhythmMedsAFU	Char	1	Did you take any medication for abnormal heart rhythm in the past two weeks?
42	bloodMedsAFU	Char	1	Did you take any medication for blood thinning in the past two weeks?
43	strokeMedsAFU	Char	1	Did you take any medication for stroke in the past two weeks?
44	TIAmedsAFU	Char	1	Did you take any medication for mini-stroke or TIA in the past two weeks?
45	claudMedsAFU	Char	1	Did you take any medication for leg pain while walking or claudication in the past two weeks?
46	depressMedsAFU	Char	1	Did you take any medication for depression in the past two weeks?
47	painMedsAFU	Char	1	Do you regularly take medicine for pain or inflammation that does NOT contain aspirin?
48	anginaMedsAFU	Num	8	Did you take any medication for chest pain or angina in the past two weeks?
49	heartMedsAFU	Num	8	Did you take any medication for other heart conditions in the past two weeks?
50	medsReport	Char	1	Does the participant have medications to report?
51	chronicLungEver	Char	1	Has a doctor said that you have chronic lung disease such as bronchitis or emphysema?
52	chronicLungLastCntct	Char	1	Since our last contact, has a doctor said that you have chronic lung disease such as bronchitis or emphysema?
53	breathingWake	Char	1	Are there times when you wake up at night because of difficulty breathing?
54	breathingHurrying	Char	1	Do you have trouble breathing or shortness of breath when hurrying on the level?
55	breathingWalking	Char	1	Do you have trouble breathing or shortness of breath when walking at ordinary pace on a level surface?
56	breathingStopPace	Char	1	Do you stop for breath when walking at your own pace?
57	breathingStopYards	Char	1	Do you stop for breath after walking 100 yards on the level?
58	breathingWalkSlow	Char	1	Do you have to walk slower than people of your own age on a level surface because of shortness of breath?
59	breathingNotWalking	Char	1	Do you have difficulty breathing when you are not walking or active?
60	breathingCoughing	Char	1	Do you usually have some coughing or wheezing?
61	asthmaEver	Char	1	Has a doctor said that you have asthma?
62	asthmaLastCntct	Char	1	Since our last contact, has a doctor said that you have asthma?
63	strokeLastCntct	Char	1	Since our last contact, have you been told by a physician that you had a stroke, slight stroke, transient ischemic attack, or TIA?
64	strokeHosp	Char	1	Were you hospitalized for this stroke, slight stroke, transient ischemic attack, or TIA?
65	MIever	Char	1	Has a doctor said that you have had a heart attack?
66	MIlastCntct	Char	1	Since our last contact, has a doctor said you had a heart attack?

Num	Variable	Type	Len	Label
67	MIHospLastCntct	Char	1	Were you hospitalized for a heart attack since our last contact?
68	anginaEver	Char	1	Has a doctor ever said that you had angina, angina pectoris, or chest pain due to heart disease?
69	anginaLastCntct	Char	1	Since our last contact, has a doctor said that you had angina, angina pectoris, or chest pain due to heart disease?
70	HTNever	Char	1	Has a doctor said that you have high blood pressure?
71	HTNLastCntct	Char	1	Since our last contact, has a doctor said you have high blood pressure?
72	DMever	Char	1	Has a doctor said that you have diabetes or sugar in the blood?
73	DMLastCntct	Char	1	Since our last contact, has a doctor said you have diabetes or sugar in the blood?
74	DVTever	Char	1	Has a doctor said that you have a blood clot in a leg or deep vein thrombosis?
75	DVTlastCntct	Char	1	Since our last contact, has a doctor said that you have a blood clot in a leg or deep vein thrombosis?
76	DVThosp	Char	1	Were you hospitalized for a blood clot in a leg or deep vein thrombosis at that time?
77	PEever	Char	1	Has a doctor said that you have a blood clot in your lungs or pulmonary embolus?
78	PElastCntct	Char	1	Since our last contact, has a doctor said that you have a blood clot in your lungs or a pulmonary embolus?
79	PEhosp	Char	1	Were you hospitalized for a blood clot in your lungs or a pulmonary embolus at that time?
80	cardiacSurgeryYN	Char	1	Since our last contact, have you had surgery on your heart or the arteries of your neck or legs, excluding surgery for varicose veins?
81	cardiacSurgeryBypass	Char	1	Did you have coronary bypass?
82	cardiacProcOther	Char	1	Did you have other heart procedures?
83	cardiacProcCarotid	Char	1	Did you have a carotid endarterectomy?
84	cardiacProcCarotidSite	Char	1	Site of carotid endarterectomy
85	cardiacProcRevasc	Char	1	Did you have other arterial revascularization?
86	cardiacSurgeryOther	Char	1	Did you have any other type of surgery on your heart or the arteries in your neck or legs?
87	cardiacAngio	Char	1	Since our last contact, have you had a balloon angioplasty on the arteries of your heart, neck, or legs?
88	cardiacAngioCoronary	Char	1	Did you have angioplasty of the coronary arteries?
89	cardiacAngioNeck	Char	1	Did you have angioplasty in the arteries of your neck?
90	cardiacAngioLower	Char	1	Did you have angioplasty of your lower extremity arteries?
91	cardiacEcho	Num	8	Did you have an echocardiogram in the past year?
92	cardiacEchoReason	Num	8	If yes, why? (Codes)
93	cardiacECG	Num	8	Did you have an ECG in the past year?
94	cardiacECGReason	Num	8	If yes, why? (Codes)
95	cardiacStress	Num	8	Did you have an exercise stress test in the past year?
96	cardiacStressReason	Num	8	If yes, why? (Codes)
97	cardiacCTMRI	Num	8	Did you have a CT or MRI of the head in the past year?
98	cardiacCTMRIReason	Num	8	If yes, why? (Codes)
99	cardiacCath	Num	8	Did you have catheterization or an angiogram in the past year?

Num	Variable	Type	Len	Label
100	cardiacCathNeck	Num	8	Was it to look at the blood vessels in your neck?
101	cardiacCathNeckReason	Num	8	What was the reason?
102	cardiacCathHeart	Num	8	Was it to look at the blood vessels in your heart?
103	cardiacCathHeartReason	Num	8	What was the reason?
104	cardiacCathKidneys	Num	8	Was it to look at the blood vessels in your kidneys?
105	cardiacCathKidneysReason	Num	8	What was the reason?
106	cardiacCathLegs	Num	8	Was it to look at the blood vessels in your legs?
107	cardiacCathLegsReason	Num	8	What was the reason?
108	HFever	Char	1	Has a doctor said that you have heart failure or congestive heart failure?
109	HFhospEver	Char	1	Have you been hospitalized for heart failure?
110	HFlastCntct	Char	1	Since our last contact, has a doctor said that you had heart failure or congestive heart failure?
111	HFhospLastCntct	Char	1	Were you hospitalized for heart failure at that time?
112	HFweakEver	Char	1	Has a doctor ever said that your heart is weak, does not pump as strongly as it should, or that you had fluid on the lungs?
113	HFweakHosp	Char	1	Were you hospitalized for the weak heart muscle at that time?
114	HFweakLastCntct	Char	1	Since our last contact, has a doctor said that your heart is weak, does not pump as strongly as it should, or that you had fluid on the lungs?
115	HFcough	Num	8	Do you frequently cough at night (in the absence of a cold or 'flu')?
116	HFpillows	Num	8	Do you sleep on 2 or more pillows to improve your breathing?
117	HFdoctor	Num	8	Have you seen a doctor or health care professional for any of these symptoms in the past year?
118	atrialFib	Char	1	Has a doctor ever said that you had an irregular heart beat called atrial fibrillation or atrial fibrillation on a heart scan or electrocardiogram tracing?
119	swellingFeet	Char	1	Do you often have swelling in your feet or ankles at the end of the day?
120	swellingGone	Char	1	Is the swelling in your feet or ankles gone in the morning?
121	PADpain	Char	1	Do you have pain in your legs caused by a blockage of the arteries?
122	PADever	Char	1	Has a doctor ever said that you have peripheral vascular disease or intermittent claudication?
123	cancerEver	Char	1	Has a doctor said that you have cancer?
124	cancerLastCntct	Char	1	Since we last contacted you, has a doctor said you have cancer?
125	cancerSecond	Char	1	Have you had another cancer?
126	hormoneFirstYN	Char	1	Since our last contact, have you taken or used any female hormone pills, skin patches, shots, or implants?
127	hormoneSecondYN	Num	8	Have you also used a second female hormone since we last contacted you?
128	healthcareDentist	Num	8	In the past year, have you seen a dentist?
129	healthcareDoctor	Num	8	In the past year, have you seen a doctor or health professional for routine physical exam or general check-up?
130	healthcareChiro	Num	8	In the past year, have you seen a chiropractor?
131	healthcareAcupunct	Num	8	In the past year, have you seen a person who uses acupuncture?
132	healthcareFaith	Num	8	In the past year, have you seen a faith healer?

Num	Variable	Type	Len	Label
133	healthcareRoots	Num	8	In the past year, have you seen a person who deals with roots or herbs?
134	healthcareAstrology	Num	8	In the past year, have you seen a person who practices astrology or reads zodiac signs?
135	healthcareTea	Num	8	In the past year, have you seen a person who reads tea leaves, roots, or palms?
136	healthcareDoctorNumber	Num	8	How many times in the past year did you go to a doctor's or nurse practitioner's office to get care for yourself?
137	insuranceCoverage	Num	8	Are you currently covered by one or more health insurance programs that pays most or all of your health care expenses?
138	insuranceCoverageLapseTime	Num	8	How long has it been since you had health insurance coverage?
139	insurancePrivate	Num	8	Are you currently covered by a private health insurance?
140	insuranceMedicaid	Num	8	Are you currently covered by Medicaid or public aid?
141	insuranceMedicare	Num	8	Are you currently covered by Medicare?
142	insuranceVeteran	Num	8	Are you currently covered by the Veterans Administration, CHAMPUS, or TRICARE?
143	insuranceOther	Num	8	Are you currently covered by another means of insurance?
144	insuranceCoverageLapseYN	Num	8	Has there been a time in the past year when you did not have health insurance coverage?
145	insuranceMeds	Num	8	Do you have health insurance that helps you pay for your medications?
146	insuranceMedsNoLimits	Num	8	My medication insurance has no limits on my medication coverage
147	insuranceMedsCut	Num	8	Since our last contact, have you experienced a cut in benefits?
148	insuranceMedsNumber	Num	8	How many medications can you obtain?
149	insuranceMedsFillLimit	Num	8	My medication insurance limits how often I can fill my prescriptions
150	insuranceMedsTimeLimit	Num	8	What is the time limit for filling your prescriptions?
151	insuranceMedsCostLimit	Num	8	My medication insurance has a dollar limit per month
152	insuranceMedsLimitAmt	Num	8	How much is the dollar limit?
153	insuranceMedsNumberLimit	Num	8	My medication insurance limits the number of medications it will pay for per month or quarter
154	insuranceMedsOtherLimits	Num	8	Are there other limits to your medication insurance plan?
155	costIncreasePremiums	Num	8	Since our last contact, have you experienced an increase in the price of premiums?
156	costIncreaseShare	Num	8	Since our last contact, have you experienced an increase in your share of the medical costs?
157	costMedsAverage	Num	8	On average, how much do you pay each month for your medication?
158	costMedsCopay	Num	8	Do you pay a co-payment when you fill your medication?
159	costSacrificeHealthcare	Num	8	Has there been a time in the past year when you went without needed health care because of costs?
160	costSacrificeMeds	Num	8	I did not fill a prescription due to cost
161	costSacrificeSpecialist	Num	8	I did not see a specialist when needed due to cost
162	costSacrificeTreatment	Num	8	I skipped a medical test, treatment, or follow-up due to cost
163	costSacrificeDoctor	Num	8	I had medical problems, but did not see a doctor or nurse practitioner due to cost
164	costProblem	Num	8	In the past year, how much of a problem has it been to get the health care, medical tests, or treatment that you or your doctor believed necessary?
165	satisfactionListen	Num	8	How often did your doctor or other health care providers listen carefully to you?

Num	Variable	Type	Len	Label
166	satisfactionExplain	Num	8	How often did your doctor or other health providers explain things in a way you could understand?
167	satisfactionRespect	Num	8	How often did your doctor or other health care providers show respect for what you had to say?
168	satisfactionTime	Num	8	How often did your doctor or other health care providers spend enough time with you?
169	satisfactionQuality	Num	8	Overall, how satisfied have you been with the quality of health care you have received in the past year?
170	satisfactionConfident	Num	8	How confident are you that you can get high quality health care when you need it?
171	stressPastYear	Num	8	How much stress have you experienced over the past year?
172	depressedPastYear	Num	8	How often have you felt sad or depressed over the past year?
173	nervousPastYear	Num	8	How often have you felt nervous or tense over the past year?
174	discriminationPastYear	Num	8	How often have you felt you were treated unfairly or discriminated against over the past year?
175	stressCopePastYear	Num	8	How well have you handled or coped with stressors you experienced over the past year?
176	supportPastYear	Num	8	How satisfied are you with the help or support that you've received from others over the past year?
177	famHistoryChange	Num	8	Since your last JHS contact, have your natural parents, any of your full brothers or sisters, or your natural children died?
178	famRelationship1	Num	8	What was the relationship?
179	famCOD1	Num	8	What was the cause of death?
180	famAge1	Num	8	What was the age at death?
181	famRelationship2	Num	8	What was the relationship?
182	famCOD2	Num	8	What was the cause of death?
183	famAge2	Num	8	What was the age at death?
184	famRelationship3	Num	8	What was the relationship?
185	famCOD3	Num	8	What was the cause of death?
186	famAge3	Num	8	What was the age at death?
187	famRelationship4	Num	8	What was the relationship?
188	famCOD4	Num	8	What was the cause of death?
189	famAge4	Num	8	What was the age at death?
190	famNewDiagYN	Num	8	In the past year, have any members of your family been newly diagnosed with high blood pressure, heart disease, stroke, diabetes, or cancer?
191	famNewDiagRelationship1	Num	8	What is the relationship?
192	famNewDiagDX1	Num	8	What is the diagnosis?
193	famNewDiagAge1	Num	8	Age at diagnosis?
194	famNewDiagRelationship2	Num	8	What is the relationship?
195	famNewDiagDX2	Num	8	What is the diagnosis?
196	famNewDiagAge2	Num	8	Age at diagnosis?
197	famNewDiagRelationship3	Num	8	What is the relationship?
198	famNewDiagDX3	Num	8	What is the diagnosis?

Num	Variable	Type	Len	Label
199	famNewDiagAge3	Num	8	Age at diagnosis?
200	famNewDiagRelationship4	Num	8	What is the relationship?
201	famNewDiagDX4	Num	8	What is the diagnosis?
202	famNewDiagAge4	Num	8	Age at diagnosis?
203	complete	Char	1	Participant contacted and interviewed completed
204	alive	Char	1	Interview was either completed by participant or confirmed alive by proxy
205	hhid_public	Num	8	HOUSEHOLD ID OF PARTICIPANT - PUBLIC



***Data Set Name: formats.sas7bdat***

Num	Variable	Type	Len	Label
1	FMTNAME	Char	32	Format name
2	START	Char	16	Starting value for format
3	END	Char	16	Ending value for format
4	LABEL	Char	64	Format value label
5	MIN	Num	3	Minimum length
6	MAX	Num	3	Maximum length
7	DEFAULT	Num	3	Default length
8	LENGTH	Num	3	Format length
9	FUZZ	Num	8	Fuzz value
10	PREFIX	Char	2	Prefix characters
11	MULT	Num	8	Multiplier
12	FILL	Char	1	Fill character
13	NOEDIT	Num	3	Is picture string noedit?
14	TYPE	Char	1	Type of format
15	SEXCL	Char	1	Start exclusion
16	EEXCL	Char	1	End exclusion
17	HLO	Char	13	Additional information
18	DECSEP	Char	1	Decimal separator
19	DIG3SEP	Char	1	Three-digit separator
20	DATATYPE	Char	8	Date/time/datetime?
21	LANGUAGE	Char	8	Language for date strings

**Data Set Name: analysis1.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	visit	Num	8	JHS Exam Visit Number
3	VisitDate	Num	8	Date of Visit
4	ARIC	Num	8	Shared-ARIC / JHS-Only
5	recruit	Num	8	JHS Recruitment Type
6	ageIneligible	Num	8	Outside of Original Target Enrollment Age
7	FastHours	Num	8	Fasting Time (in hours)
8	age	Num	8	Age in Years
9	sex	Char	6	Participant Sex
10	male	Num	8	Male Indicator
11	menopause	Num	8	Menopause Status
12	alc	Num	8	Alcohol drinking in the past 12 months (Y/N)
13	alcw	Num	8	Average number of drinks per week in the past 12 months
14	currentSmoker	Num	8	Indication of participant's current cigarette smoking status
15	everSmoker	Num	8	Indication of whether the participant has ever smoked cigarettes
16	weight	Num	8	Weight (kg)
17	height	Num	8	Height (cm)
18	waist	Num	8	Waist Circumference (cm)
19	neck	Num	8	Neck Circumference (cm)
20	BMI	Num	8	Body Mass Index (kg/m^2)
21	bsa	Num	8	Calculated Body Surface Area (m^2)
22	OBESITY3cat	Num	8	AHA BMI Categorization
23	BPmeds	Num	8	Blood Pressure Medication Status (Y/N)
24	DMmedsOral	Num	8	Diabetic Oral Medication Status (Y/N)
25	DMmedsIns	Num	8	Diabetic Insulin Medication Status (Y/N)
26	DMmeds	Num	8	Diabetic Medication Status (Y/N)
27	statinMeds	Num	8	Statin Medication Status (Y/N)
28	hrtMeds	Num	8	Hormone Replacement Therapy Medication Status (Y/N)
29	betaBlkMeds	Num	8	Beta Blocker Medication Status (Y/N)
30	calBlkMeds	Num	8	Calcium Channel Blocker Medication Status (Y/N)
31	diureticMeds	Num	8	Diuretic Medication Status (Y/N)
32	antiArythMeds	Num	8	Antiarrhythmic Medication Status (Y/N)
33	medAcct	Num	8	Medication Accountability
34	BPmedsSelf	Num	8	Self-Reported BP Medication Status (Y/N)
35	DMMedType	Num	8	Type of Diabetic Medication
36	dmMedsSelf	Num	8	Self-Reported Diabetic Medication Status (Y/N)
37	statinMedsSelf	Num	8	Self-Reported Statin Medication Status (Y/N)

Num	Variable	Type	Len	Label
38	hrtMedsSelfEver	Num	8	Self Reported HRT Medication Status (Y/N)
39	hrtMedsSelf	Num	8	Self Reported Current HRT Medication Status (Y/N)
40	antiArythMedsSelf	Num	8	Self-Reported Antiarrhythmic Medication Status (Y/N)
41	sbp	Num	8	Systolic Blood Pressure (mmHg)
42	dbp	Num	8	Diastolic Blood Pressure (mmHg)
43	BPjnc7	Num	8	JNC 7 BP Classification
44	HTN	Num	8	Hypertension Status
45	abi	Num	8	Ankle Brachial Index
46	HbA1c	Num	8	NGSP Hemoglobin A1c (%)
47	FPG	Num	8	Fasting Plasma Glucose Level (mg/dL)
48	FPG3cat	Num	8	Fasting Plasma Glucose Categorization
49	HbA1c3cat	Num	8	NGSP Hemoglobin A1c (%) Categorization
50	HbA1cIFCC	Num	8	IFCC Hemoglobin A1c (mmol/mol)
51	HbA1cIFCC3cat	Num	8	IFCC Hemoglobin A1c (mmol/mol) Categorization
52	fastingInsulin	Num	8	Fasting Insulin (Plasma IU/mL)
53	Diabetes	Num	8	Diabetes Status (ADA 2010)
54	diab3cat	Num	8	Diabetes Categorization
55	HOMA_B	Num	8	HOMA-B
56	HOMA_IR	Num	8	HOMA-IR
57	ldl	Num	8	Fasting LDL Cholesterol Level (mg/dL)
58	hdl	Num	8	Fasting HDL Cholesterol Level (mg/dL)
59	trigs	Num	8	Fasting Triglyceride Level (mg/dL)
60	totchol	Num	8	Fasting Total Cholesterol (mg/dL)
61	ldl5cat	Num	8	Fasting LDL Categorization
62	hdl3cat	Num	8	Fasting HDL Categorization
63	trigs4cat	Num	8	Fasting Triglyceride Categorization
64	LEPTIN	Num	8	Concentration of Leptin (Plasma ng/mL)
65	HSCRIP	Num	8	High Sensitivity C-Reactive Protein (Plasma mg/dL)
66	ENDOTHELIN	Num	8	Endothelin-1 (Plasma pg/mL)
67	ALDOSTERONE	Num	8	Concentration of Aldosterone (Plasma ng/dL)
68	sCort	Num	8	Concentration of Cortisol Levels (Plasma ug/dL)
69	reninRIA	Num	8	Renin Activity RIA (Plasma ng/mL/hr)
70	reninIRMA	Num	8	Renin Mass IRMA (pg/mL)
71	adiponectin	Num	8	Concentration of adiponectin (Plasma ng/mL)
72	CreatinineU24hr	Num	8	24-hour urine creatinine (g/24hr)
73	AlbuminU24hr	Num	8	24-hour urine albumin (mg/24hr)
74	CreatinineUSpot	Num	8	Random spot urine creatinine (mg/dL)
75	AlbuminUSpot	Num	8	Random spot urine albumin (mg/dL)
76	SCrCC	Num	8	CC Calibrated Serum Creatinine (mg/dL)

Num	Variable	Type	Len	Label
77	SCrIDMS	Num	8	IDMS Traceable Serum Creatinine (mg/dL)
78	eGFRmdrd	Num	8	eGFR MDRD
79	eGFRckdepi	Num	8	eGFR CKD-Epi
80	DialysisEver	Num	8	Self-reported dialysis
81	DialysisDuration	Num	8	Duration on dialysis (years)
82	CKDHx	Num	8	Chronic Kidney Disease History
83	maneuvers	Num	8	Successful Spirometry Maneuvers
84	asthma	Num	8	Physician-Diagnosed Asthma
85	FVC	Num	8	Forced Vital Capacity (L)
86	FEV1	Num	8	Forced Expiratory Volume in 1 Second (L)
87	FEV6	Num	8	Forced Expiratory Volume in 6 Seconds (L)
88	FEV1PP	Num	8	FEV1 % Predicted
89	FVCP	Num	8	FVC % Predicted
90	EF	Num	8	Ejection Fraction
91	DiastLVdia	Num	8	Diastolic LV Diameter (mm)
92	SystLVdia	Num	8	Systolic LV Diameter (mm)
93	LVMecho	Num	8	Left Ventricular Mass (g) from Echo
94	LVMindex	Num	8	Left Ventricular Mass Indexed by Height <sup>2.7</sup>
95	LVH	Num	8	Left Ventricular Hypertrophy
96	EF3cat	Num	8	Ejection Fraction Categorization
97	FS	Num	8	Fractional Shortening
98	RWT	Num	8	Relative Wall Thickness
99	ecgHR	Num	8	Heart Rate (bpm)
100	QRS	Num	8	QRS Interval (msec)
101	QT	Num	8	QT Interval (msec)
102	ConductionDefect	Num	8	Conduction Defect
103	MajorScarAnt	Num	8	ECG determined Anterior Major Scar
104	MinorScarAnt	Num	8	ECG determined Anterior Minor Scar
105	RepolarAnt	Num	8	ECG determined Anterior Repolarization
106	MIant	Num	8	ECG determined Anterior MI
107	MajorScarPost	Num	8	ECG determined Posterior Major Scar
108	MinorScarPost	Num	8	ECG determined Posterior Minor Scar
109	RepolarPost	Num	8	ECG determined Posterior Repolarization
110	MIpost	Num	8	ECG determined Posterior MI
111	MajorScarAntLat	Num	8	ECG determined Anterolateral Major Scar
112	MinorScarAntLat	Num	8	ECG determined Anterolateral Minor Scar
113	RepolarAntLat	Num	8	ECG determined Anterolateral Repolarization
114	MIAntLat	Num	8	ECG determined Anterolateral MI
115	MIecg	Num	8	ECG determined MI

Num	Variable	Type	Len	Label
116	Afib	Num	8	Atrial Fibrillation
117	Aflutter	Num	8	Atrial Flutter
118	QTcFram	Num	8	Framingham Corrected QT Interval (msec)
119	QTcBaz	Num	8	Bazett Corrected QT Interval (msec)
120	QTcHod	Num	8	Hodge Corrected QT Interval (msec)
121	QTcFrid	Num	8	Fridericia Corrected QT Interval (msec)
122	CV	Num	8	Cornell Voltage (microvolts)
123	LVHcv	Num	8	Cornell Voltage Criteria
124	speechLossEver	Num	8	History of Speech Loss
125	visionLossEver	Num	8	History of Sudden Loss of Vision
126	doubleVisionEver	Num	8	History of Double Vision
127	numbnessEver	Num	8	History of Numbness
128	paralysisEver	Num	8	History of Paralysis
129	dizzinessEver	Num	8	History of Dizziness
130	strokeHx	Num	8	History of Stroke
131	MIHx	Num	8	Self-Reported History of MI
132	CardiacProcHx	Num	8	Self-Reported history of Cardiac Procedures
133	CHDHx	Num	8	Coronary Heart Disease Status/History
134	CarotidAngioHx	Num	8	Self-Reported history of Carotid Angioplasty
135	CVDHx	Num	8	Cardiovascular Disease History
136	PrivateIns	Num	8	Private Insurance Status
137	MedicaidIns	Num	8	Medicaid Insurance Status
138	MedicareIns	Num	8	Medicare Insurance Status
139	VAIns	Num	8	VA Insurance Status
140	InsuranceType	Num	8	Type of Health Insurance
141	Insured	Num	8	Visit 1 Health Insurance Status
142	PublicIns	Num	8	Public Insurance Status
143	PublicInsType	Num	8	Public Insurance Type
144	PrivatePublicIns	Num	8	Public or Private Insurance
145	dailyDiscr	Num	8	Everyday Experiences: Score (1-7)
146	lifetimeDiscrm	Num	8	Major Life Events: Score (0-9)
147	discrmBurden	Num	8	Major Life Events: Burden Score (1-4)
148	depression	Num	8	Total Depressive Symptoms Score
149	perceivedStress	Num	8	Total Global Stress Score
150	weeklyStress	Num	8	Weekly Stress Inventory (WSI) Impact Score
151	fmlyinc	Char	1	Family Income Classification
152	Income	Num	8	Income Status
153	occupation	Num	8	Occupational Status
154	edu3cat	Num	8	Education Attainment Categorization

Num	Variable	Type	Len	Label
155	HSgrad	Num	8	High School Graduate
156	PA3cat	Num	8	AHA Physical Activity Categorization
157	nutrition3cat	Num	8	AHA Nutrition Categorization
158	SMK3cat	Num	8	AHA Smoking Categorization
159	idealHealthSMK	Num	8	Indicator for Ideal Health via Smoking Status
160	BMI3cat	Num	8	AHA BMI Categorization
161	idealHealthBMI	Num	8	Indicator for Ideal Health via BMI Status
162	idealHealthPA	Num	8	Indicator for Ideal Health via Physical Activity Status
163	idealHealthNutrition	Num	8	Indicator for Ideal Health via Nutrition Status
164	totChol3cat	Num	8	AHA Total Cholesterol Categorization
165	idealHealthChol	Num	8	Indicator for Ideal Health via Cholesterol Status
166	BP3cat	Num	8	AHA BP Categorization
167	idealHealthBP	Num	8	Indicator for Ideal Health via BP Status
168	glucose3cat	Num	8	AHA Glucose Categorization
169	idealHealthDM	Num	8	Indicator for Ideal Health via Glucose Status
170	vitaminD2	Num	8	25(OH) Vitamin D2 (ng/mL)
171	vitaminD3	Num	8	25(OH) Vitamin D3 (ng/mL)
172	vitaminD3epimer	Num	8	ep-25(OH) Vitamin D3 (ng/mL)
173	darkgrnVeg	Num	8	Dark-green Vegetables
174	eggs	Num	8	Daily Serving of Eggs
175	fish	Num	8	Daily Serving of Fish
176	nbpctpoverty	Num	8	% Below Poverty in Census Tract
177	nbpctBlackNH	Num	8	% Black Non-Hispanic in Census Tract
178	nbpctWhiteNH	Num	8	% White Non-Hispanic in Census Tract
179	nbSESp2score	Num	8	Census Tract SES Score (PC2)
180	nbSESanascore	Num	8	Census Tract SES Score (Diez-Roux 1990)
181	nbProblems	Num	8	Neighborhood Problems (Age & Sex Adj.)
182	nbCohesion	Num	8	Neighborhood Social Cohesion (Age & Sex Adj.)
183	nbViolence	Num	8	Neighborhood Violence (Age & Sex Adj.)
184	nbK3FavorFoodstore	Num	8	Favorable Food Stores (3 Mile Kernel)
185	nbK3paFacilities	Num	8	Physical Activity Facilities (3 Mile Kernel)
186	nbpctResiden1mi	Num	8	Percent Residential Land Use per Square Mile
187	nbPopDensity1mi	Num	8	Population Density per Square Mile
188	sportIndex	Num	8	Sport Index
189	hyIndex	Num	8	Home/Yard Index
190	activeIndex	Num	8	Active Living Index
191	frs_chdtenyrrisk	Num	8	Framingham Risk Score-Coronary Heart Disease
192	frs_cvdtenyrrisk	Num	8	Framingham Risk Score-Cardiovascular Disease
193	frs_atpiii_tenyrrisk	Num	8	Framingham Risk Score- Adult Treatment Panel (III) - Coronary Heart Disease

Num	Variable	Type	Len	Label
194	rrs_tenyrrisk	Num	8	Reynolds Risk Score-Coronary Heart Disesease
195	ascvd_tenyrrisk	Num	8	American College of Cardiology - American Heart Association - Atherosclerotic Cardiovascular Disease

**Data Set Name: analysis2.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	visit	Num	8	JHS Exam Visit Number
3	VisitDate	Num	8	Date of Visit
4	DaysFromV1	Num	8	Days from Visit 1
5	YearsFromV1	Num	8	Years from Visit 1
6	ARIC	Num	8	Shared-ARIC / JHS-Only
7	recruit	Num	8	JHS Recruitment Type
8	ageIneligible	Num	8	Outside of Original Target Enrollment Age
9	FastHours	Num	8	Fasting Time (in hours)
10	age	Num	8	Age in Years
11	sex	Char	6	Participant Sex
12	male	Num	8	Male Indicator
13	weight	Num	8	Weight (kg)
14	height	Num	8	Height (cm)
15	waist	Num	8	Waist Circumference (cm)
16	hip	Num	8	Hip Circumference (cm)
17	BMI	Num	8	Body Mass Index (kg/m^2)
18	bsa	Num	8	Calculated Body Surface Area (m^2)
19	OBESITY3cat	Num	8	AHA BMI Categorization
20	BPmeds	Num	8	Blood Pressure Medication Status (Y/N)
21	DMmedsOral	Num	8	Diabetic Oral Medication Status (Y/N)
22	DMmedsIns	Num	8	Diabetic Insulin Medication Status (Y/N)
23	DMmeds	Num	8	Diabetic Medication Status (Y/N)
24	statinMeds	Num	8	Statin Medication Status (Y/N)
25	hrtMeds	Num	8	Hormone Replacement Therapy Medication Status (Y/N)
26	betaBlkMeds	Num	8	Beta Blocker Medication Status (Y/N)
27	calBlkMeds	Num	8	Calcium Channel Blocker Medication Status (Y/N)
28	diureticMeds	Num	8	Diuretic Medication Status (Y/N)
29	antiArythMeds	Num	8	Antiarrhythmic Medication Status (Y/N)
30	medAcct	Num	8	Medication Accountability
31	BPmedsSelf	Num	8	Self-Reported BP Medication Status (Y/N)
32	DMMedType	Num	8	Type of Diabetic Medication
33	dmMedsSelf	Num	8	Self-Reported Diabetic Medication Status (Y/N)
34	statinMedsSelf	Num	8	Self-Reported Statin Medication Status (Y/N)
35	antiArythMedsSelf	Num	8	Self-Reported Antiarrhythmic Medication Status (Y/N)
36	sbp	Num	8	Systolic Blood Pressure (mmHg)
37	dbp	Num	8	Diastolic Blood Pressure (mmHg)



Num	Variable	Type	Len	Label
38	BPjnc7	Num	8	JNC 7 BP Classification
39	HTN	Num	8	Hypertension Status
40	HbA1c	Num	8	NGSP Hemoglobin A1c (%)
41	FPG	Num	8	Fasting Plasma Glucose Level (mg/dL)
42	FPG3cat	Num	8	Fasting Plasma Glucose Categorization
43	HbA1c3cat	Num	8	NGSP Hemoglobin A1c (%) Categorization
44	HbA1cIFCC	Num	8	IFCC Hemoglobin A1c (mmol/mol)
45	HbA1cIFCC3cat	Num	8	IFCC Hemoglobin A1c (mmol/mol) Categorization
46	Diabetes	Num	8	Diabetes Status (ADA 2010)
47	diab3cat	Num	8	Diabetes Categorization
48	ldl	Num	8	Fasting LDL Cholesterol Level (mg/dL)
49	hdl	Num	8	Fasting HDL Cholesterol Level (mg/dL)
50	trigs	Num	8	Fasting Triglyceride Level (mg/dL)
51	totchol	Num	8	Fasting Total Cholesterol (mg/dL)
52	ldl5cat	Num	8	Fasting LDL Categorization
53	hdl3cat	Num	8	Fasting HDL Categorization
54	trigs4cat	Num	8	Fasting Triglyceride Categorization
55	hsCRP	Num	8	High Sensitivity C-Reactive Protein (mg/dL)
56	CreatinineUSpot	Num	8	Random spot urine creatinine (mg/dL)
57	AlbuminUSpot	Num	8	Random spot urine albumin (mg/dL)
58	dialysisEver	Num	8	Self-reported dialysis
59	DialysisDuration	Num	8	Duration on dialysis (years)
60	CKDHx	Num	8	Chronic Kidney Disease History
61	CAC	Num	8	Coronary Artery Calcium Score
62	AAC	Num	8	Abdominal Aorto-iliac Calcium Score
63	VAT50mm	Num	8	Visceral Adipose Tissue (cm <sup>3</sup> )
64	SAT50mm	Num	8	Subcutaneous Adipose Tissue (cm <sup>3</sup> )
65	anyCAC	Num	8	Presence of Coronary Artery Calcification
66	anyAAC	Num	8	Presence of Aortic Artery Calcification
67	speechLossEver	Num	8	History of Speech Loss
68	visionLossEver	Num	8	History of Sudden Loss of Vision
69	doubleVisionEver	Num	8	History of Double Vision
70	numbnessEver	Num	8	History of Numbness
71	paralysisEver	Num	8	History of Paralysis
72	dizzinessEver	Num	8	History of Dizziness
73	strokeHx	Num	8	History of Stroke
74	MIHx	Num	8	Self-Reported History of MI
75	CardiacProcHx	Num	8	Self-Reported history of Cardiac Procedures
76	CarotidAngioHx	Num	8	Self-Reported history of Carotid Angioplasty

Num	Variable	Type	Len	Label
77	CVDHx	Num	8	Cardiovascular Disease History
78	BMI3cat	Num	8	AHA BMI Categorization
79	idealHealthBMI	Num	8	Indicator for Ideal Health via BMI Status
80	totChol3cat	Num	8	AHA Total Cholesterol Categorization
81	idealHealthChol	Num	8	Indicator for Ideal Health via Cholesterol Status
82	BP3cat	Num	8	AHA BP Categorization
83	idealHealthBP	Num	8	Indicator for Ideal Health via BP Status
84	glucose3cat	Num	8	AHA Glucose Categorization
85	idealHealthDM	Num	8	Indicator for Ideal Health via Glucose Status
86	nbpctpoverty	Num	8	% Below Poverty in Census Tract
87	nbpctBlackNH	Num	8	% Black Non-Hispanic in Census Tract
88	nbpctWhiteNH	Num	8	% White Non-Hispanic in Census Tract
89	nbSESp2score	Num	8	Census Tract SES Score (PC2)
90	nbSESanascore	Num	8	Census Tract SES Score (Diez-Roux 1990)
91	nbProblems	Num	8	Neighborhood Problems (Age & Sex Adj.)
92	nbCohesion	Num	8	Neighborhood Social Cohesion (Age & Sex Adj.)
93	nbViolence	Num	8	Neighborhood Violence (Age & Sex Adj.)
94	nbK3FavorFoodstore	Num	8	Favorable Food Stores (3 Mile Kernel)
95	nbK3paFacilities	Num	8	Physical Activity Facilities (3 Mile Kernel)
96	nbpctResiden1mi	Num	8	Percent Residential Land Use per Square Mile
97	nbPopDensity1mi	Num	8	Population Density per Square Mile

**Data Set Name: analysis3.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	visit	Num	8	JHS Exam Visit Number
3	VisitDate	Num	8	Date of Visit
4	DaysFromV1	Num	8	Days from Visit 1
5	YearsFromV1	Num	8	Years from Visit 1
6	ARIC	Num	8	Shared-ARIC / JHS-Only
7	recruit	Num	8	JHS Recruitment Type
8	ageIneligible	Num	8	Outside of Original Target Enrollment Age
9	FastHours	Num	8	Fasting Time (in hours)
10	age	Num	8	Age in Years
11	sex	Char	6	Participant Sex
12	male	Num	8	Male Indicator
13	menopause	Num	8	Menopause Status
14	alc	Num	8	Alcohol drinking in the past 12 months (Y/N)
15	alcw	Num	8	Average number of drinks per week in the last 12 months
16	everSmoker	Num	8	Indication of whether the participant has ever smoked cigarettes
17	weight	Num	8	Weight (kg)
18	height	Num	8	Height (cm)
19	waist	Num	8	Waist Circumference (cm)
20	hip	Num	8	Hip Circumference (cm)
21	BMI	Num	8	Body Mass Index (kg/m^2)
22	bsa	Num	8	Calculated Body Surface Area (m^2)
23	OBESITY3cat	Num	8	AHA BMI Categorization
24	BPmeds	Num	8	Blood Pressure Medication Status (Y/N)
25	DMmedsOral	Num	8	Diabetic Oral Medication Status (Y/N)
26	DMmedsIns	Num	8	Diabetic Insulin Medication Status (Y/N)
27	DMmeds	Num	8	Diabetic Medication Status (Y/N)
28	statinMeds	Num	8	Statin Medication Status (Y/N)
29	hrtMeds	Num	8	Hormone Replacement Therapy Medication Status (Y/N)
30	betaBlkMeds	Num	8	Beta Blocker Medication Status (Y/N)
31	calBlkMeds	Num	8	Calcium Channel Blocker Medication Status (Y/N)
32	diureticMeds	Num	8	Diuretic Medication Status (Y/N)
33	antiArythMeds	Num	8	Antiarrhythmic Medication Status (Y/N)
34	medAcct	Num	8	Medication Accountability
35	BPmedsSelf	Num	8	Self-Reported BP Medication Status (Y/N)
36	DMMedType	Num	8	Type of Diabetic Medication
37	dmMedsSelf	Num	8	Self-Reported Diabetic Medication Status (Y/N)

Num	Variable	Type	Len	Label
38	statinMedsSelf	Num	8	Self-Reported Statin Medication Status (Y/N)
39	antiArythMedsSelf	Num	8	Self-Reported Antiarrhythmic Medication Status (Y/N)
40	sbp	Num	8	Systolic Blood Pressure (mmHg)
41	dbp	Num	8	Diastolic Blood Pressure (mmHg)
42	BPjnc7	Num	8	JNC 7 BP Classification
43	HTN	Num	8	Hypertension Status
44	abi	Num	8	Ankle Brachial Index
45	HbA1c	Num	8	NGSP Hemoglobin A1c (%)
46	FPG	Num	8	Fasting Plasma Glucose Level (mg/dL)
47	FPG3cat	Num	8	Fasting Plasma Glucose Categorization
48	HbA1c3cat	Num	8	NGSP Hemoglobin A1c (%) Categorization
49	HbA1cIFCC	Num	8	IFCC Hemoglobin A1c (mmol/mol)
50	HbA1cIFCC3cat	Num	8	IFCC Hemoglobin A1c (mmol/mol) Categorization
51	fastingInsulin	Num	8	Fasting Insulin (Plasma IU/mL)
52	Diabetes	Num	8	Diabetes Status (ADA 2010)
53	diab3cat	Num	8	Diabetes Categorization
54	HOMA_B	Num	8	HOMA-B
55	HOMA_IR	Num	8	HOMA-IR
56	ldl	Num	8	Fasting LDL Cholesterol Level (mg/dL)
57	hdl	Num	8	Fasting HDL Cholesterol Level (mg/dL)
58	trigs	Num	8	Fasting Triglyceride Level (mg/dL)
59	totchol	Num	8	Fasting Total Cholesterol (mg/dL)
60	ldl5cat	Num	8	Fasting LDL Categorization
61	hdl3cat	Num	8	Fasting HDL Categorization
62	trigs4cat	Num	8	Fasting Triglyceride Categorization
63	eSelectin	Num	8	e-Selectin
64	pSelectin	Num	8	p-Selectin
65	hsCRP	Num	8	High Sensitivity C-Reactive Protein (mg/dL)
66	CreatinineUSpot	Num	8	Random spot urine creatinine (mg/dL)
67	AlbuminUSpot	Num	8	Random spot urine albumin (mg/dL)
68	SCrIDMS	Num	8	IDMS Traceable Serum Creatinine (mg/dL)
69	DialysisEver	Num	8	Self-reported dialysis
70	DialysisDuration	Num	8	Duration on dialysis (years)
71	CKDHx	Num	8	Chronic Kidney Disease History
72	ecgHR	Num	8	Heart Rate (bpm)
73	QRS	Num	8	QRS Interval (msec)
74	QT	Num	8	QT Interval (msec)
75	RepolarAnt	Num	8	Anterior Repolarization Abnormality
76	ConductionDefect	Num	8	Conduction Defect

Num	Variable	Type	Len	Label
77	MajorScarAnt	Num	8	ECG determined Anterior Major Scar
78	MinorScarAnt	Num	8	ECG determined Anterior Minor Scar
79	MIant	Num	8	ECG determined Anterior MI
80	MajorScarPost	Num	8	ECG determined Posterior Major Scar
81	MinorScarPost	Num	8	ECG determined Posterior Minor Scar
82	RepolarPost	Num	8	ECG determined Posterior Repolarization
83	MIpost	Num	8	ECG determined Posterior MI
84	MajorScarAntLat	Num	8	ECG determined Anterolateral Major Scar
85	RepolarAntLat	Num	8	ECG determined Anterolateral Repolarization
86	MinorScarAntLat	Num	8	ECG determined Anterolateral Minor Scar
87	MIantlat	Num	8	ECG determined Anterolateral MI
88	MIecg	Num	8	ECG determined MI
89	Afib	Num	8	Atrial Fibrillation
90	Aflutter	Num	8	Atrial Flutter
91	QTcFram	Num	8	Framingham Corrected QT Interval (msec)
92	QTcBaz	Num	8	Bazett Corrected QT Interval (msec)
93	QTcHod	Num	8	Hodge Corrected QT Interval (msec)
94	QTcFrid	Num	8	Fridericia Corrected QT Interval (msec)
95	CV	Num	8	Cornell Voltage (microvolts)
96	LVHcv	Num	8	Cornell Voltage Criteria
97	speechLossEver	Num	8	History of Speech Loss
98	visionLossEver	Num	8	History of Sudden Loss of Vision
99	doubleVisionEver	Num	8	History of Double Vision
100	numbnessEver	Num	8	History of Numbness
101	paralysisEver	Num	8	History of Paralysis
102	dizzinessEver	Num	8	History of Dizziness
103	strokeHx	Num	8	History of Stroke
104	MIHx	Num	8	Self-Reported History of MI
105	CardiacProcHx	Num	8	Self-Reported history of Cardiac Procedures
106	CHDHx	Num	8	Coronary Heart Disease Status/History
107	CarotidAngioHx	Num	8	Self-Reported history of Carotid Angioplasty
108	CVDHx	Num	8	Cardiovascular Disease History
109	dailyDiscr	Num	8	everyday experiences: score
110	fmlyinc	Char	1	Family Income Classification
111	PA3cat	Num	8	AHA Physical Activity Categorization
112	BMI3cat	Num	8	AHA BMI Categorization
113	idealHealthBMI	Num	8	Indicator for Ideal Health via BMI Status
114	idealHealthPA	Num	8	Indicator for Ideal Health via Physical Activity Status
115	totChol3cat	Num	8	AHA Total Cholesterol Categorization

Num	Variable	Type	Len	Label
116	idealHealthChol	Num	8	Indicator for Ideal Health via Cholesterol Status
117	BP3cat	Num	8	AHA BP Categorization
118	idealHealthBP	Num	8	Indicator for Ideal Health via BP Status
119	glucose3cat	Num	8	AHA Glucose Categorization
120	idealHealthDM	Num	8	Indicator for Ideal Health via Glucose Status
121	frs_chdtenyrrisk	Num	8	Framingham Risk Score-Coronary Heart Disease
122	frs_cvdtenyrrisk	Num	8	Framingham Risk Score-Cardiovascular Disease
123	frs_atpiii_tenyrrisk	Num	8	Framingham Risk Score- Adult Treatment Panel (III) - Coronary Heart Disease
124	rrs_tenyrrisk	Num	8	Reynolds Risk Score-Coronary Heart Disease

***Data Set Name: formats.sas7bdat***

Num	Variable	Type	Len	Label
1	FMTNAME	Char	32	Format name
2	START	Char	16	Starting value for format
3	END	Char	16	Ending value for format
4	LABEL	Char	66	Format value label
5	MIN	Num	3	Minimum length
6	MAX	Num	3	Maximum length
7	DEFAULT	Num	3	Default length
8	LENGTH	Num	3	Format length
9	FUZZ	Num	8	Fuzz value
10	PREFIX	Char	2	Prefix characters
11	MULT	Num	8	Multiplier
12	FILL	Char	1	Fill character
13	NOEDIT	Num	3	Is picture string noedit?
14	TYPE	Char	1	Type of format
15	SEXCL	Char	1	Start exclusion
16	EEXCL	Char	1	End exclusion
17	HLO	Char	13	Additional information
18	DECSEP	Char	1	Decimal separator
19	DIG3SEP	Char	1	Three-digit separator
20	DATATYPE	Char	8	Date/time/datetime?
21	LANGUAGE	Char	8	Language for date strings

*Data Set Name: allevtchd.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	event_id	Num	8	ARIC SURVEILLANCE EVENT ID (CIR)
3	CFATALDX	Char	14	Death classification of an event
4	CMIDX	Char	8	MI classification of an event
5	eventDate	Num	8	Event date
6	EventYear	Num	8	Year of Event
7	FatalCHD	Num	8	Fatal CHD Status
8	MI	Num	8	MI Status



*Data Set Name: allevthf.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	event_id	Num	8	SURVEILLANCE ID
3	eventDate	Num	8	HF event date, takes the date of admission
4	CHFDiagnosis	Char	40	Type of HF diagnosis
5	EventYear	Num	8	Year of Event

**Data Set Name: *allevtstroke.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	event_id	Num	8	ARIC SURVEILLANCE EVENT ID (CIR)
3	eventdate	Num	8	Date of Event
4	eventYear	Num	8	Event Year from STRC12, STRC14 or CELB04
5	FINAL_DX	Char	8	Formatted Final Diagnosis
6	Stroke	Num	8	Definite/Probable Stroke
7	EIB	Num	8	Definite/Probable Brain Infarction, Non-carotid Embolic (EIB)
8	TIB	Num	8	Definite/Probable Brain Infarction, Thrombotic (TIB)
9	IPH	Num	8	Definite/Probable Brain Hemorrhage (IPH)
10	SAH	Num	8	Definite/Probable Subarachnoid Hemorrhage (SAH)
11	OHDStroke	Num	8	Out of Hospital Deaths with Stroke Codes

***Data Set Name: formats.sas7bdat***

Num	Variable	Type	Len	Label
1	FMTNAME	Char	32	Format name
2	START	Char	16	Starting value for format
3	END	Char	16	Ending value for format
4	LABEL	Char	3	Format value label
5	MIN	Num	3	Minimum length
6	MAX	Num	3	Maximum length
7	DEFAULT	Num	3	Default length
8	LENGTH	Num	3	Format length
9	FUZZ	Num	8	Fuzz value
10	PREFIX	Char	2	Prefix characters
11	MULT	Num	8	Multiplier
12	FILL	Char	1	Fill character
13	NOEDIT	Num	3	Is picture string noedit?
14	TYPE	Char	1	Type of format
15	SEXCL	Char	1	Start exclusion
16	EEXCL	Char	1	End exclusion
17	HLO	Char	13	Additional information
18	DECSEP	Char	1	Decimal separator
19	DIG3SEP	Char	1	Three-digit separator
20	DATATYPE	Char	8	Date/time/datetime?
21	LANGUAGE	Char	8	Language for date strings

***Data Set Name: incevtchd.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	CHD	Num	8	Incidence CHD
3	V1date	Num	8	V1DATE: Date of Exam 1 Clinic Visit
4	date	Num	8	CHD Event or Censoring Date
5	year	Num	8	CHD Event or Censoring Year
6	years	Num	8	CHD Follow-up Years
7	days	Num	8	CHD Follow-up Days
8	Status	Char	40	CHD Last Contact Type
9	hardCHD	Num	8	Incidence hardCHD
10	harddate	Num	8	hard CHD Event or Censoring Date
11	hardyear	Num	8	hard CHD Event or Censoring Year
12	hardyears	Num	8	hard CHD Follow-up Years
13	harddays	Num	8	hard CHD Follow-up Days
14	Hardstatus	Char	35	hard CHD Last Contact Type

**Data Set Name: *incevthfder.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	V1date	Num	8	V1DATE: Date of Exam 1 Clinic Visit
3	examdate	Num	8	Incidence Assessment Start Point
4	date	Num	8	Event or Censoring Date
5	year	Num	8	Event or Censoring Year
6	years	Num	8	Follow-up Years
7	days	Num	8	Follow-up Days
8	Status	Char	40	Last Contact Type
9	HF	Num	8	Incidence Heart Failure

**Data Set Name: *incevtstroke.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	stroke	Num	8	Incidence Stroke
3	V1date	Num	8	V1DATE: Date of Exam 1 Clinic Visit
4	date	Num	8	Event or Censoring Date
5	year	Num	8	Event or Censoring Year
6	years	Num	8	Follow-up Years
7	days	Num	8	Follow-up Days
8	Status	Char	40	Last Contact Type

**Data Set Name: *abba.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ABBA1A	Char	1	1a: Open wounds in ankle/arm cuff?
4	ABBA1B	Char	1	1b: Undergone bilateral amputation
5	ABBA1C	Char	1	1c: Unable to lay at < 45 degree angle
6	ABBA1D	Char	1	1d: Had a double mastectomy?
7	ABBA2	Char	1	2: Arm cuff size
8	ABBA3A	Char	1	3a: Arm used
9	ABBA4A	Char	1	4a: Right ankle cuff size
10	ABBA4B	Char	1	4b: Left ankle cuff size
11	ABBA5	Num	8	5: Dopple systolic BP (mm Hg)
12	ABBA6	Num	8	6: Maximal inflation level(mm Hg)
13	ABBA7	Num	8	7: First brachial doppler BP (mm Hg)
14	ABBA8	Num	8	8: First right posterior tibial BP (mm Hg)
15	ABBA9	Num	8	9: First left posterior tibia BP (mm Hg)
16	ABBA10	Num	8	10: Second left posterior tibia
17	ABBA11	Num	8	11: Second right posterior tibia BP (mm Hg)
18	ABBA12	Num	8	12: Second brachial BP (mm Hg)
19	ABBA13	Char	1	13: First arm blood pressure obtained?
20	ABBA14A	Char	1	14a: First arm unable to occlude
21	ABBA15	Char	1	15: First right ankle BP obtained?
22	ABBA16A	Char	1	16a: First Rt ankle unable to occlude
23	ABBA16B	Char	1	16b: First Rt ankle amputation
24	ABBA16C	Char	1	16c: First Rt ankle unable to locate artery
25	ABBA16D	Char	1	16d: First Rt ankle - other
26	ABBA17	Char	1	17: First Lt ankle BP obtained?
27	ABBA18A	Char	1	18a: First Lt ankle unable to occlude
28	ABBA18B	Char	1	18b: First Lt ankle amputation
29	ABBA18C	Char	1	18c: First Lt ankle unable to locate artery
30	ABBA18D	Char	1	18d: First Lt ankle - other
31	ABBA19	Char	1	19: Second Lt ankle BP obtained?
32	ABBA20A	Char	1	20a: Second Lt ankle unable to occlude
33	ABBA20B	Char	1	20b: Second Lt ankle amputation
34	ABBA20C	Char	1	20c: Second Lt ankle unable to locate artery
35	ABBA20D	Char	1	20d: Second Lt ankle - other
36	ABBA21	Char	1	21: Second Rt ankle BP obtained?
37	ABBA22A	Char	1	22a: Second Rt ankle unable to occlude

Num	Variable	Type	Len	Label
38	ABBA22B	Char	1	22b: Second Rt ankle amputation
39	ABBA22C	Char	1	22c: Second Rt ankle unable to locate artery
40	ABBA22D	Char	1	22d: Second Rt ankle other
41	ABBA23	Char	1	23: Second arm BP obtained?
42	ABBA24A	Char	1	24a: Second arm unable to occlude



**Data Set Name: *abda.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ABDA3	Char	4	Line Number
4	ABDA10	Char	40	Activity Text
5	abda4	Num	8	Systolic Blood Pressure
6	abda5	Num	8	Pulse Pressure (SYS-DIA)
7	abda6	Num	8	Diastolic Blood Pressure
8	abda7	Num	8	Heart Rate
9	abda8	Num	8	Time of reading (Hours)
10	abda9	Num	8	Time of reading (Minutes)

**Data Set Name: abha.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ABHA1	Char	5	Start
4	ABHA4	Char	1	Quality Control Code
5	ABHA5	Char	5	QC Status
6	ABHA6	Char	25	Study Name
7	ABHA8	Char	16	Form Code
8	ABHA9	Char	22	Medifacts Software Version Number
9	ABHA11	Char	5	Beginning of Test Time
10	ABHA13	Char	5	End of Test Time
11	ABHA14	Char	5	Total Time of Test
12	ABHA15	Char	8	FILE-ID Number
13	ABHA16	Char	2	BP Data Line Number for Beginning of Test
14	ABHA17	Char	3	BP Data Line Number for End of Test
15	ABHA18	Char	8	Medifacts File Information
16	ABHA19	Char	3	Minimum Systolic
17	ABHA20	Char	3	Maximum Systolic
18	ABHA21	Char	3	Minimum Diastolic
19	ABHA22	Char	3	Maximum Diastolic
20	ABHA23	Char	3	Minimum Pulse Pressure
21	ABHA24	Char	3	Maximum Pulse Pressure
22	ABHA25	Char	3	Minimum Heart Rate
23	ABHA26	Char	3	Maximum Heart Rate
24	ABHA27	Char	3	Total Number of BP Data Lines

**Data Set Name: *abpa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ABPA5A	Char	1	5a: Wear monitor entire 24 hrs
4	ABPA5B	Char	1	5b: Reason: Fell off
5	ABPA5C	Char	1	5c: Reason: Uncomfortable
6	ABPA5D	Char	1	5d: Reason: Bathe/Swim
7	ABPA5E	Char	1	5e: Reason: Malfunction
8	ABPA5F	Char	1	5f: Any other reason
9	ABPA6	Char	1	6: Monitor comfort level
10	ABPA7	Char	1	7: Agree to repeat procedure
11	ABPA8A	Char	1	8a: No repeat reason: Too noisy
12	ABPA8B	Char	1	8b: No repeat reason: Sleep poorly
13	ABPA8C	Char	1	8c: No repeat reason: Painful
14	ABPA8D	Char	1	8d: No repeat reason: Numbness, etc
15	ABPA8E	Char	1	8e: Discontinue of normal activities
16	ABPA8F	Char	1	8f: No repeat reason: Unimportant
17	ABPA8G	Char	1	8g: Any other reason?
18	ABPA11A	Char	1	11a: Removal of monitor w/in 24 hrs
19	ABPA11D	Char	1	11d: Did you reapply monitor?
20	ABPA15	Char	1	15: Did monitor meet quality control?
21	ABPA2	Num	8	2: Time monitor ended (hh:mm) 24 hour clock
22	ABPA9	Num	8	9: Time did you get up (hh:mm) 24 hour clock
23	ABPA10	Num	8	10: Time did you go to sleep (hh:mm) 24 hour clock
24	ABPA11B	Num	8	11b: Time monitor removed (hh:mm) 24 hour clock
25	ABPA11E	Num	8	11e: What time monitor reapplied (hh:mm) 24 hour clock
26	BTD01IC	Num	8	Blood Samples Tested for Diseases
27	DTD01IC	Num	8	Data Tested for Diseases

**Data Set Name: *adra.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ADRA1	Char	1	1: Ever consumed alcoholic beverages
4	ADRA2A	Num	8	2a: Average number of days alcohol consumed within 12 months
5	ADRA2B	Char	1	2b: Per-unit of time week/month/year
6	ADRA3	Num	8	3: Average number of drinks
7	ADRA4	Char	1	4: When drinking-beer, wine, or liquor
8	ADRA5	Char	1	5: 5+ alcoholic beverages/day ever consumed?
9	ADRA6	Char	1	6: Used crack or cocaine in any form
10	ADRA7	Char	1	7: How many times have you used crack/cocaine in your life
11	ADRA8	Char	1	8: Use of any other drug

*Data Set Name: antv.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ANTAflag	Num	8	Data record present: Yes/No
4	ANTBflag	Num	8	Data record present: Yes/No
5	antv1	Num	8	1: Standing Height to nearest cm
6	antv2	Num	8	2: Weight to nearest kilogram
7	antv3a	Num	8	3a: Waist to nearest cm
8	antv3b	Num	8	3b: Neck to nearest cm

**Data Set Name: *bapa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	BAPA1	Char	1	1: ABPM instructions provided
4	BAPA2	Char	1	2: Did Tech explain procedure?
5	BAPA3	Char	1	3: Participant agree to wear ABPM
6	BAPA6	Char	1	6: Arm (Left/Right)
7	BAPA7	Char	1	7: Cuff Size (cm)
8	BAPA9A	Num	8	9a: Sphygmomanometer (SBP)
9	BAPA9B	Num	8	9b: Sphygmomanometer (DBP)
10	BAPA9C	Num	8	9c: Ambulatory Monitor (SBP)
11	BAPA9D	Num	8	9d: Ambulatory Monitor (DBP)
12	BAPA9E	Char	1	9e: Accept ( A ) / Reject ( R )
13	BAPA10A	Num	8	10a: Sphygmomanometer (SBP)
14	BAPA10B	Num	8	10b: Sphygmomanometer (DBP)
15	BAPA10C	Num	8	10c: Ambulatory Monitor (SBP)
16	BAPA10D	Num	8	10d: Ambulatory Monitor (DBP)
17	BAPA10E	Char	1	10e: Accept ( A ) / Reject ( R )
18	BAPA11A	Num	8	11a: Sphygmomanometer (SBP)
19	BAPA11B	Num	8	11b: Sphygmomanometer (DBP)
20	BAPA11C	Num	8	11c: Ambulatory Monitor (SBP)
21	BAPA11D	Num	8	11d: Ambulatory Monitor (DBP)
22	BAPA11E	Char	1	11e: Accept ( A ) / Reject ( R )
23	BAPA12A	Num	8	12a: Sphygmomanometer (SBP)
24	BAPA12B	Num	8	12b: Sphygmomanometer (DBP)
25	BAPA12C	Num	8	12c: Ambulatory Monitor (SBP)
26	BAPA12D	Num	8	12d: Ambulatory Monitor (DBP)
27	BAPA12E	Char	1	12e: Accept( A ) / Reject ( R )
28	BAPA13A	Num	8	13a: Sphygmomanometer (SBP)
29	BAPA13B	Num	8	13b: Sphygmomanometer (DBP)
30	BAPA13C	Num	8	13c: Ambulatory Monitor (SBP)
31	BAPA13D	Num	8	13d: Ambulatory Monitor (DBP)
32	BAPA13E	Char	1	13e: Accept ( A ) / Reject ( R )
33	BAPA14A	Num	8	14a: Sphygmomanometer (Mean Accepted SBP)
34	BAPA14B	Num	8	14b: Sphygmomanometer (Mean Accepted DBP)
35	BAPA14C	Num	8	14c: Ambulatory Monitor (Mean Accepted SBP)
36	BAPA14D	Num	8	14d: Ambulatory Monitor (Mean Accepted DBP)
37	BAPA16	Char	1	16: Nondominant arm used?

Num	Variable	Type	Len	Label
38	BAPA17A	Char	1	17a: Reason unable to use nondominant arm
39	BAPA18	Char	1	18: Is ABPM being done?
40	BAPA19A	Char	1	19a: Reason unable to use ABPM
41	BAPA20	Char	1	20: Appointment made for return of ABPM
42	BAPA22	Char	1	22: Method of ABPM return
43	BAPA15	Num	8	15: Time Monitoring Begun (hh:mm) 24 hour clock

**Data Set Name: *bpaa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	BPAA2	Char	1	2: Activity monitor instruction provided
4	BPAA3	Char	1	3: Tech.explain activity monitor procedure
5	BPAA4	Char	1	4: Verbally agree to wear monitor
6	BPAA5	Char	1	5: Verbally agree to wear step counter
7	BPAA8	Char	1	8: CSA monitor initialized
8	BPAA9	Char	1	9: CSA synched w/ ABPM
9	BPAA10	Char	1	10: Step counter set to "0"?
10	BPAA11A	Num	8	11a: Time Monitoring started (hh:mm) 24 hour clock



**Data Set Name: cena.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	CHR	Num	8	Chr: Total Cholesterol - mg/dL
4	FOLICR	Num	8	Folicr: Folate - ng/mL
5	GLYHBB	Num	8	Glyhbb: Hemoglobin A1c - %
6	HDLC	Num	8	Hdlc: HDL Cholesterol - mg/dL
7	LDLC	Num	8	Ldlc: HDL Cholesterol - mg/dL
8	LPA	Num	8	Lpa: Lipoprotein - mg/dL
9	TRR	Num	8	Trr: Triglyceride - mg/dL
10	VB12R	Num	8	Vb12r: Vitamin B12 - pg/mL
11	folicr_cresult	Char	60	Folicr_cresult: Character Results for Folate Acid
12	vb12r_cresult	Char	60	Vb12r_cresult: Character Results for Vitamin B12
13	lpa_cresult	Char	60	Lpa_cresult: Character Results for Lipoprotein
14	glyhbb_cresult	Char	60	Glyhbb_cresult: Character Results for Hemoglobin A1c
15	LEPTIN	Num	8	Leptin: The concentration of leptin in ng/mL
16	Hscrp_cresult	Char	13	Character Results for Hscrp
17	HSCRP	Num	8	Hscrp: High Sensitivity C-Reactive Protein in mg/dL
18	HOMOCYSTEINE	Num	8	Homocysteine: The concentration of homocysteine in umol/L
19	Ferr_cresult	Char	13	Character Results for Ferritin
20	Ferritin	Num	8	Ferritin: serum ferritin concentration in ng/mL
21	IRON	Num	8	Iron: serum iron concentration in ug/dL
22	TIBC	Num	8	TIBC: serum total iron binding capacity in ug/dL
23	SAT	Num	8	SAT: % of iron binding protein saturated by iron
24	UIBC_cresult	Char	13	Character Results for UIBC
25	UIBC	Num	8	UIBC: serum unbound iron binding capacity in ug/dL
26	ENDOTHELIN	Num	8	Endothelin: The concentration of endothelin-1 in pg/mL
27	Ald_cresult	Char	8	Character Results: Aldosterone recoded to 1.9 when <2.0
28	ALDOSTERONE	Num	8	Aldosterone: The concentration of Aldosterone in ng/dL
29	Insul_cresult	Char	14	Character Results: Insulin recoded to 1 when <2.
30	INSULIN	Num	8	Insulin: The concentration of Insulin in IU/mL
31	Cort_cresult	Char	14	Character Results for Cortisol
32	CORTISOL	Num	8	Cortisol: the concentration of cortisol levels in ug/dL
33	CPgrade	Num	8	Chlamydia pneumoniae: Grade of Intensity of Fluorescence (0-4)
34	CPresult	Char	3	Chlamydia pneumoniae: Final Result - Negative (NEG) or Positive (POS)
35	Renin_cresult	Char	4	Renin_cresult: Character Results - Renin recoded to 0.19 ng/mL/hr when <0.2
36	Renin	Num	8	Renin: Plasma Renin Activity RIA (ng/mL/hr)
37	Renin2	Num	8	Renin2: ACTIVE Renin Mass IRMA (Immunoradiometric Assay) (pg/mL)

Num	Variable	Type	Len	Label
38	Renin2_cresult	Char	4	Renin2_cresult: Character Results - Renin2 recoded to 4.9 pg/mL when <5.0
39	cystatinC	Num	8	Concentration of cystatin C (Serum mg/L)
40	vitaminD2	Num	8	25(OH) Vitamin D2 (ng/mL)
41	vitaminD3	Num	8	25(OH) Vitamin D3 (ng/mL)
42	vitaminD3epimer	Num	8	ep-25(OH) Vitamin D3 (ng/mL)
43	cystatinC_cresult	Char	23	Character Results for Cystatin C

**Data Set Name: cesa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	CESA1	Num	8	1: Bothered by things that don't bother me
4	CESA2	Num	8	2: Not feel like eating / poor appetite
5	CESA3	Num	8	3: Could not shake off the blues
6	CESA4	Num	8	4: Felt I was just as good as other people
7	CESA5	Num	8	5: Trouble keeping my mind on tasks
8	CESA6	Num	8	6: I felt depressed
9	CESA7	Num	8	7: Felt that everything I did was an effort
10	CESA8	Num	8	8: Felt hopeful about the future
11	CESA9	Num	8	9: Thought my life had been a failure
12	CESA10	Num	8	10: Felt fearful
13	CESA11	Num	8	11: My Sleep was restless
14	CESA12	Num	8	12: I was happy
15	CESA13	Num	8	13: I talked less than usual
16	CESA14	Num	8	14: I felt lonely
17	CESA15	Num	8	15: People were unfriendly
18	CESA16	Num	8	16: I enjoyed life
19	CESA17	Num	8	17: I had crying spells
20	CESA18	Num	8	18: I felt sad
21	CESA19	Num	8	19: I felt people disliked me
22	CESA20	Num	8	20: I could not get 'going'

**Data Set Name: choa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	CHOA1	Char	1	1:Take orders from unknowledgeable people
4	CHOA2	Char	1	2:Many people exaggerate misfortune
5	CHOA3	Char	1	3:Arguments to convince people of truth
6	CHOA4	Char	1	4:Most people would lie to get ahead
7	CHOA5	Char	1	5:Most are honest for fear of being caught
8	CHOA6	Char	1	6:Most use unfair means to gain profit
9	CHOA7	Char	1	7:No one cares much what happens to you
10	CHOA8	Char	1	8:It is safer to trust nobody
11	CHOA9	Char	1	9:Most make friends because of usefulness
12	CHOA10	Char	1	10:Most inwardly dislike helping others
13	CHOA11	Char	1	11:Often met others who are no better
14	CHOA12	Char	1	12:Most demand respect for rights
15	CHOA13	Char	1	13:Most are guilty of bad sexual conduct
16	CHOA14	Char	1	14:People often dissappoint me
17	CHOA15	Char	1	15:I feel I should seek revenge
18	CHOA16	Char	1	16:Makes me impatient to ask my advice
19	CHOA17	Char	1	17:My family has habits that bother me
20	CHOA18	Char	1	18:Friendly to those who do me wrong
21	CHOA19	Char	1	19:Grab everything he can in the world
22	CHOA20	Char	1	20:Taking advantage of another
23	CHOA21	Char	1	21:I am not easily angered
24	CHOA22	Char	1	22:Enjoy beating a crook at his game
25	CHOA23	Char	1	23:Rough to rude/annoying people
26	CHOA24	Char	1	24:Certain people I dislike so much
27	CHOA25	Char	1	25:Inclined to win a point
28	CHOA26	Char	1	26:Do not cover up my poor opinion
29	CHOA27	Char	1	27:I Strongly defend my own opinion

**Data Set Name: csia.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	CSIA1	Num	8	1: Follow a plan of action
4	CSIA2	Num	8	2: Look for the silver lining
5	CSIA3	Num	8	3: Try to spend time alone
6	CSIA4	Num	8	4: Hope problem will take care of itself
7	CSIA5	Num	8	5: Let emotions out
8	CSIA6	Num	8	6: Talk about it with friend/family
9	CSIA7	Num	8	7: Put problem out of my mind
10	CSIA8	Num	8	8: Tackle problem head-on
11	CSIA9	Num	8	9: Put situation in perspective
12	CSIA10	Num	8	10: Tend to blame myself
13	CSIA11	Num	8	11: Let my feeling out to reduce stress
14	CSIA12	Num	8	12: Hope for a miracle
15	CSIA13	Num	8	13: Ask a close friend/relative for help
16	CSIA14	Num	8	14: Try not to think about problem
17	CSIA15	Num	8	15: Tend to criticize myself
18	CSIA16	Num	8	16: Keep thoughts and feelings to self

**Data Set Name: *disa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	DISA1A	Char	1	1a: Treated w/less courtesy
4	DISA1B	Char	1	1b: Less respect
5	DISA1C	Char	1	1c: Poor service at restaurants
6	DISA1D	Char	1	1d: People think you aren't smart
7	DISA1E	Char	1	1e: People are afraid of you
8	DISA1F	Char	1	1f: People think you're dishonest
9	DISA1G	Char	1	1g: You're not as good as they are
10	DISA1H	Char	1	1h: Called names/insulted
11	DISA1I	Char	1	1i: Threatened/harassed
12	DISA2A	Char	1	2a: Main reason for treatment
13	DISA3A	Char	1	3a: Your reaction to unfair treatment
14	DISA4A	Char	1	4a: Unfair treatment at school/training
15	DISA4B	Num	8	4b: Number of times this happened
16	DISA4C	Num	8	4c: How many years ago this happened
17	DISA4D	Num	8	4d: How many months ago this happened
18	DISA5A	Char	1	5a: Unfair treatment getting job
19	DISA5B	Num	8	5b: Number of times this happened
20	DISA5C	Num	8	5c: How many years ago this happened
21	DISA5D	Num	8	5d: How many months ago this happened
22	DISA6A	Char	1	6a: Unfair treatment at work
23	DISA6B	Num	8	6b: Number of times this happened
24	DISA6C	Num	8	6c: How many years ago this happened
25	DISA6D	Num	8	6d: How many months ago this happened
26	DISA7A	Char	1	7a: Unfair treatment in housing
27	DISA7B	Num	8	7b: Number of times this happened
28	DISA7C	Num	8	7c: How many years ago this happened
29	DISA7D	Num	8	7d: How many months ago this happened
30	DISA8A	Char	1	8a: unfair treatment getting resources
31	DISA8B	Num	8	8b: Number of times this happened
32	DISA8C	Num	8	8c: How many years ago this happened
33	DISA8D	Num	8	8d: How many months ago this happened
34	DISA9A	Char	1	9a: Unfair treatment in medical care
35	DISA9B	Num	8	9b: Number of times this happened
36	DISA9C	Num	8	9c: How many years ago this happened
37	DISA9D	Num	8	9d: How many months ago this happened

Num	Variable	Type	Len	Label
38	DISA10A	Char	1	10a: Unfair treatment in public place
39	DISA10B	Num	8	10b: Number of times this happened
40	DISA10C	Num	8	10c: How many years ago this happened
41	DISA10D	Num	8	10d: How many months ago this happened
42	DISA11A	Char	1	11a: Unfair services
43	DISA11B	Num	8	11b: Number of times this happened
44	DISA11C	Num	8	11c: How many years ago this happened
45	DISA11D	Num	8	11d: How many months ago this happened
46	DISA12A	Char	1	12a: Unfair treatment in other ways
47	DISA12C	Num	8	12c: How many times has this happened
48	DISA12D	Num	8	12d: How many years ago this happened
49	DISA12E	Num	8	12e: How many months ago this happened
50	DISA13A	Char	1	13a: Reason for discrimination
51	DISA14A	Char	1	14a: Speak up
52	DISA14A1	Char	1	What did you do about discrimination -Speak up
53	DISA14B	Char	1	14b: Accept it
54	DISA14B1	Char	1	What did you do about discrimination -Accept it
55	DISA14C	Char	1	14c: Ignore it
56	DISA14C1	Char	1	What did you do about discrimination - Ignore it
57	DISA14D	Char	1	14d: Try to change it
58	DISA14D1	Char	1	What did you do about discrimination - Try to change it
59	DISA14E	Char	1	14e: Keep it to yourself
60	DISA14E1	Char	1	What did you do about discrimination - Keep to yourself
61	DISA14F	Char	1	14f: Work harder to prove them wrong
62	DISA14F1	Char	1	What did you do about discrimination - Work harder to prove them wrong
63	DISA14G	Char	1	14g: Pray
64	DISA14G1	Char	1	What did you do about discrimination - Pray
65	DISA14H	Char	1	14h: Avoid it
66	DISA14H1	Char	1	What did you do about discrimination - Avoid it
67	DISA14I	Char	1	14i: Get violent
68	DISA14I1	Char	1	What did you do about discrimination - Get violent
69	DISA14J	Char	1	14j: Forget it
70	DISA14J1	Char	1	What did you do about discrimination - Forget it
71	DISA14K	Char	1	14k: Blame yourself
72	DISA14K1	Char	1	What did you do about discrimination - Blame yourself
73	DISA14L	Char	1	14l: Other
74	DISA14L1	Char	1	What did you do about discrimination - Other
75	DISA14M	Char	60	14m: Other
76	DISA15	Char	1	15: Compare w/younger

Num	Variable	Type	Len	Label
77	DISA16	Char	1	16: Experiences over your lifetime
78	DISA17	Char	1	17: Discrimination interfered w/life
79	DISA18	Char	1	18: Hard life because of discrimination
80	DISA19	Char	1	19: White treatment because of skin color
81	DISA20	Char	1	20: Black treatment because of skin color



**Data Set Name: ecga\_adj.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ECGA2	Char	2	Record Line Number
4	ECGA4	Char	5	Time the ECG was taken
5	ECGAflag	Num	8	Afib/aflutter
6	TECH	Num	8	Technician
7	Pduration	Num	8	Pduration
8	QRSduration	Num	8	QRSduration
9	ecga10	Num	8	HRVSDNN - Heart Rate Variability
10	ecga11	Num	8	HRVCVOLT - Cornell Voltage Criteria
11	ecga12	Num	8	SUPP8 - Ventricular (fibrillation, asystole), Persistent Ventricular, and supraventricular rhythm (the preceding 8 is not shown when a code is present).
12	ecga13	Num	8	AR81X - Arrhythmias (81X codes, the preceding 8 and 1 are not shown when a code is present).
13	ecga14	Num	8	AR82X - Arrhythmias (82X codes, the preceding 8 and 2 are not shown when a code is present).
14	ecga15	Num	8	AR83X - Arrhythmias (83X codes, the preceding 8 and 3 are not shown when a code is present).
15	ecga16	Num	8	AR84X - Arrhythmias (84X codes, the preceding 8 and 4 are not shown when a code is present).
16	ecga17	Num	8	AR85X - Arrhythmias (85X codes, the preceding 8 and 5 are not shown when a code is present).
17	ecga18	Num	8	AR86X - Arrhythmias (86X codes, the preceding 8 and 6 are not shown when a code is present).
18	ecga19	Num	8	AR87X - Arrhythmias (87X codes, the preceding 8 and 7 are not shown when a code is present).
19	ecga20	Num	8	AR88X - Arrhythmias (88X codes, the preceding 8 and 8 are not shown when a code is present).
20	ecga21	Num	8	AR89X - Arrhythmias (89X codes, the preceding 8 and 9 are not shown when a code is present).
21	ecga22	Num	8	VCD7XX - Intraventricular conduction defect (7 codes, the preceding 7 is not shown when a code is present).
22	ecga23	Num	8	AVD6XX - Atrioventricular (A-V) conduction defects (6 codes, the preceding 6 is not shown when a code is present)
23	ecga24	Num	8	QS1XX1 - Q and QS patterns in the anterolateral site (Q codes, the preceding 1 is not shown when a code is present)
24	ecga25	Num	8	QS1XX2 - Q and QS patterns in the posterior(inferior) site (Q codes, the preceding 1 is not shown when a code is present)
25	ecga26	Num	8	QS1XX3 - Q and QS patterns in the anterior site (Q codes, the preceding 1 is not shown when a code is present)
26	ecga27	Num	8	ST4XX1 - ST junction (J) and segment depression in the anterolateral site (4 codes, the preceding 4 is not shown when a code is present)
27	ecga28	Num	8	TW5X1 - T-wave items in the anterolateral site (5 codes, the preceding 5 is not shown when a code is present)
28	ecga29	Num	8	ST4XX2 - ST junction (J) and segment depression in the posterior(inferior) site (4 codes, the preceding 4 is not shown when a code is present)
29	ecga30	Num	8	TW5X2 - T-wave items in the posterior(inferior) site (5 codes, the preceding 5 is not shown when a code is present)
30	ecga31	Num	8	ST4XX3 - ST junction (J) and segment depression in the anterior site (4 codes, the preceding 4 is not shown when a code is present)

Num	Variable	Type	Len	Label
31	ecga32	Num	8	TW5X3 - T-wave items in the anterior site (5 codes, the preceding 5 is not shown when a code is present)
32	ecga33	Num	8	STV6 - ST segment elevation in the anterolateral site (9-2 codes, the preceding 9 is not shown when a code is present)
33	ecga34	Num	8	STF - ST segment elevation in the posterior(inferior) site (9-2 codes, the preceding 9 is not shown when a code is present)
34	ecga35	Num	8	STV5 - ST segment elevation in the anterior site (9-2 codes, the preceding 9 is not shown when a code is present)
35	ecga36	Num	8	R3X - High amplitude R waves (3 codes, the preceding 3 is not shown when a code is present).
36	ecga37	Num	8	M9X1 - Low QRS amplitude (91X codes, the preceding 9 and 1 are not shown when a code is present)
37	ecga38	Num	8	M9X3 - Low QRS amplitude (93X codes, the preceding 9 and 3 are not shown when a code is present)
38	ecga39	Num	8	M9X4 - Low QRS amplitude (94X codes, the preceding 9 and 4 are not shown when a code is present)
39	ecga40	Num	8	M9X5 - Low QRS amplitude (95X codes, the preceding 9 and 5 are not shown when a code is present)
40	ecga41	Num	8	PDUR - P Duration
41	ecga42	Num	8	PAXIS - P Axis
42	ecga43	Num	8	QRS DUR - QRS Duration
43	ecga44	Num	8	QRS AXIS - QRS Axis
44	ecga45	Num	8	TDUR - T Duration
45	ecga46	Num	8	TAXIS - T Axis
46	ecga47	Num	8	QTDUR - QT Duration
47	ecga48	Num	8	QTCDUR - QTC Duration
48	ecga49	Num	8	VRATE - V Rate
49	ecga50	Num	8	QAMP1 - Q Amplitude in lead I
50	ecga51	Num	8	QAMP2 - Q Amplitude in lead II
51	ecga52	Num	8	QAMP3 - Q Amplitude in lead III
52	ecga53	Num	8	QAMP4 - Q Amplitude in lead AVR
53	ecga54	Num	8	QAMP5 - Q Amplitude in lead AVL
54	ecga55	Num	8	QAMP6 - Q Amplitude in lead AVF
55	ecga56	Num	8	QAMP7 - Q Amplitude in lead V1
56	ecga57	Num	8	QAMP8 - Q Amplitude in lead V2
57	ecga58	Num	8	QAMP9 - Q Amplitude in lead V3
58	ecga59	Num	8	QAMP10 - Q Amplitude in lead V4
59	ecga60	Num	8	QAMP11 - Q Amplitude in lead V5
60	ecga61	Num	8	QAMP12 - Q Amplitude in lead V6
61	ecga62	Num	8	RAMPI - R Amplitude in lead I
62	ecga63	Num	8	RAMPII - R Amplitude in lead II
63	ecga64	Num	8	RAMPIII - R Amplitude in lead III
64	ecga65	Num	8	RAMP AVR - R Amplitude in lead AVR
65	ecga66	Num	8	RAMP AVL - R Amplitude in lead AVL
66	ecga67	Num	8	RAMP AVF - R Amplitude in lead AVF

Num	Variable	Type	Len	Label
67	ecga68	Num	8	RAMPV1 - R Amplitude in lead V1
68	ecga69	Num	8	RAMPV2 - R Amplitude in lead V2
69	ecga70	Num	8	RAMPV3 - R Amplitude in lead V3
70	ecga71	Num	8	RAMPV4 - R Amplitude in lead V4
71	ecga72	Num	8	RAMPV5 - R Amplitude in lead V5
72	ecga73	Num	8	RAMPV6 - R Amplitude in lead V6
73	ecga74	Num	8	SAMPI - S Amplitude in lead I
74	ecga75	Num	8	SAMPII - S Amplitude in lead II
75	ecga76	Num	8	SAMPIII - S Amplitude in lead III
76	ecga77	Num	8	SAMPAVR - S Amplitude in lead AVR
77	ecga78	Num	8	SAMPAVL - S Amplitude in lead AVL
78	ecga79	Num	8	SAMPAVF - S Amplitude in lead AVF
79	ecga80	Num	8	SAMPV1 - S Amplitude in lead V1
80	ecga81	Num	8	SAMPV2 - S Amplitude in lead V2
81	ecga82	Num	8	SAMPV3 - S Amplitude in lead V3
82	ecga83	Num	8	SAMPV4 - S Amplitude in lead V4
83	ecga84	Num	8	SAMPV5 - S Amplitude in lead V5
84	ecga85	Num	8	SAMPV6 - S Amplitude in lead V6
85	ecga86	Num	8	R1AMPI - R' Amplitude in lead I
86	ecga87	Num	8	R1AMPII - R' Amplitude in lead II
87	ecga88	Num	8	R1AMPIII - R' Amplitude in lead III
88	ecga89	Num	8	R1AMPAVR - R' Amplitude in lead AVR
89	ecga90	Num	8	R1AMPAVL - R' Amplitude in lead AVL
90	ecga91	Num	8	R1AMPAVF - R' Amplitude in lead AVF
91	ecga92	Num	8	R1AMPV1 - R' Amplitude in lead V1
92	ecga93	Num	8	R1AMPV2 - R' Amplitude in lead V2
93	ecga94	Num	8	R1AMPV3 - R' Amplitude in lead V3
94	ecga95	Num	8	R1AMPV4 - R' Amplitude in lead V4
95	ecga96	Num	8	R1AMPV5 - R' Amplitude in lead V5
96	ecga97	Num	8	R1AMPV6 - R' Amplitude in lead V6
97	ecga98	Num	8	S1AMPI - S' Amplitude in lead I
98	ecga99	Num	8	S1AMPII - S' Amplitude in lead II
99	ecga100	Num	8	S1AMPIII - S' Amplitude in lead III
100	ecga101	Num	8	S1AMPAVR - S' Amplitude in lead AVR
101	ecga102	Num	8	S1AMPAVL - S' Amplitude in lead AVL
102	ecga103	Num	8	S1AMPAVF - S' Amplitude in lead AVF
103	ecga104	Num	8	S1AMPV1 - S' Amplitude in lead V1
104	ecga105	Num	8	S1AMPV2 - S' Amplitude in lead V2
105	ecga106	Num	8	S1AMPV3 - S' Amplitude in lead V3

Num	Variable	Type	Len	Label
106	ecga107	Num	8	S1AMPV4 - S' Amplitude in lead V4
107	ecga108	Num	8	S1AMPV5 - S' Amplitude in lead V5
108	ecga109	Num	8	S1AMPV6 - S' Amplitude in lead V6
109	ecga110	Num	8	R11AMPI - R" Amplitude in lead I
110	ecga111	Num	8	R11AMPII - R" Amplitude in lead II
111	ecga112	Num	8	R11AMPII - R" Amplitude in lead III
112	ecga113	Num	8	R11AMPAV - R" Amplitude in lead AVR
113	ecga114	Num	8	R11AMPAV - R" Amplitude in lead AVL
114	ecga115	Num	8	R11AMPAV - R" Amplitude in lead AVF
115	ecga116	Num	8	R11AMPV1 - R" Amplitude in lead V1
116	ecga117	Num	8	R11AMPV2 - R" Amplitude in lead V2
117	ecga118	Num	8	R11AMPV3 - R" Amplitude in lead V3
118	ecga119	Num	8	R11AMPV4 - R" Amplitude in lead V4
119	ecga120	Num	8	R11AMPV5 - R" Amplitude in lead V5
120	ecga121	Num	8	R11AMPV6 - R" Amplitude in lead V6
121	ecga122	Num	8	QRRATI - QR ratio in lead I
122	ecga123	Num	8	QRRATII - QR ratio in lead II
123	ecga124	Num	8	QRRATIII - QR ratio in lead III
124	ecga125	Num	8	QRRATAVR - QR ratio in lead AVR
125	ecga126	Num	8	QRRATAVL - QR ratio in lead AVL
126	ecga127	Num	8	QRRATAVF - QR ratio in lead AVF
127	ecga128	Num	8	QRRATV1 - QR ratio in lead V1
128	ecga129	Num	8	QRRATV2 - QR ratio in lead V2
129	ecga130	Num	8	QRRATV3 - QR ratio in lead V3
130	ecga131	Num	8	QRRATV4 - QR ratio in lead V4
131	ecga132	Num	8	QRRATV5 - QR ratio in lead V5
132	ecga133	Num	8	QRRATV6 - QR ratio in lead V6
133	ecga134	Num	8	RSRATI - RS Ratio in lead I
134	ecga135	Num	8	RSRATII - RS Ratio in lead II
135	ecga136	Num	8	RSRATIII - RS Ratio in lead III
136	ecga137	Num	8	RSRATAVR - RS Ratio in lead AVR
137	ecga138	Num	8	RSRATAVL - RS Ratio in lead AVL
138	ecga139	Num	8	RSRATAVF - RS Ratio in lead AVF
139	ecga140	Num	8	RSRATV1 - RS Ratio in lead V1
140	ecga141	Num	8	RSRATV2 - RS Ratio in lead V2
141	ecga142	Num	8	RSRATV3 - RS Ratio in lead V3
142	ecga143	Num	8	RSRATV4 - RS Ratio in lead V4
143	ecga144	Num	8	RSRATV5 - RS Ratio in lead V5
144	ecga145	Num	8	RSRATV6 - RS Ratio in lead V6

Num	Variable	Type	Len	Label
145	ecga146	Num	8	TRANGI - T Range in lead I
146	ecga147	Num	8	TRANGII - T Range in lead II
147	ecga148	Num	8	TRANGIII - T Range in lead III
148	ecga149	Num	8	TRANGAVR - T Range in lead AVR
149	ecga150	Num	8	TRANGAVL - T Range in lead AVL
150	ecga151	Num	8	TRANGAVF - T Range in lead AVF
151	ecga152	Num	8	TRANGV1 - T Range in lead V1
152	ecga153	Num	8	TRANGV2 - T Range in lead V2
153	ecga154	Num	8	TRANGV3 - T Range in lead V3
154	ecga155	Num	8	TRANGV4 - T Range in lead V4
155	ecga156	Num	8	TRANGV5 - T Range in lead V5
156	ecga157	Num	8	TRANGV6 - T Range in lead V6
157	ecga158	Num	8	PxAMPI - P+ Amplitude in lead I
158	ecga159	Num	8	PxAMPPII - P+ Amplitude in lead II
159	ecga160	Num	8	PxAMPPIII - P+ Amplitude in lead III
160	ecga161	Num	8	PxAMPAVR - P+ Amplitude in lead AVR
161	ecga162	Num	8	PxAMPAVL - P+ Amplitude in lead AVL
162	ecga163	Num	8	PxAMPAVF - P+ Amplitude in lead AVF
163	ecga164	Num	8	PxAMPV1 - P+ Amplitude in lead V1
164	ecga165	Num	8	PxAMPV2 - P+ Amplitude in lead V2
165	ecga166	Num	8	PxAMPV3 - P+ Amplitude in lead V3
166	ecga167	Num	8	PxAMPV4 - P+ Amplitude in lead V4
167	ecga168	Num	8	PxAMPV5 - P+ Amplitude in lead V5
168	ecga169	Num	8	PxAMPV6 - P+ Amplitude in lead V6
169	ecga170	Num	8	PRDURI - PR Duration in lead I
170	ecga171	Num	8	PRDURII - PR Duration in lead II
171	ecga172	Num	8	PRDURIII - PR Duration in lead III
172	ecga173	Num	8	PRDURAVR - PR Duration in lead AVR
173	ecga174	Num	8	PRDURAVL - PR Duration in lead AVL
174	ecga175	Num	8	PRDURAVF - PR Duration in lead AVF
175	ecga176	Num	8	PRDURV1 - PR Duration in lead V1
176	ecga177	Num	8	PRDURV2 - PR Duration in lead V2
177	ecga178	Num	8	PRDURV3 - PR Duration in lead V3
178	ecga179	Num	8	PRDURV4 - PR Duration in lead V4
179	ecga180	Num	8	PRDURV5 - PR Duration in lead V5
180	ecga181	Num	8	PRDURV6 - PR Duration in lead V6
181	ecga182	Num	8	QRS_I - QRS- Amplitude in lead I
182	ecga183	Num	8	QRS_II - QRS- Amplitude in lead II
183	ecga184	Num	8	QRS_III - QRS- Amplitude in lead III

Num	Variable	Type	Len	Label
184	ecga185	Num	8	QRS_AVR - QRS- Amplitude in lead AVR
185	ecga186	Num	8	QRS_AVL - QRS- Amplitude in lead AVL
186	ecga187	Num	8	QRS_AVF - QRS- Amplitude in lead AVF
187	ecga188	Num	8	QRS_V1 - QRS- Amplitude in lead V1
188	ecga189	Num	8	QRS_V2 - QRS- Amplitude in lead V2
189	ecga190	Num	8	QRS_V3 - QRS- Amplitude in lead V3
190	ecga191	Num	8	QRS_V4 - QRS- Amplitude in lead V4
191	ecga192	Num	8	QRS_V5 - QRS- Amplitude in lead V5
192	ecga193	Num	8	QRS_V6 - QRS- Amplitude in lead V6
193	ecga194	Num	8	QRSxI - QRS+ Amplitude in lead I
194	ecga195	Num	8	QRSxII - QRS+ Amplitude in lead II
195	ecga196	Num	8	QRSxIII - QRS+ Amplitude in lead III
196	ecga197	Num	8	QRSxAVR - QRS+ Amplitude in lead AVR
197	ecga198	Num	8	QRSxAVL - QRS+ Amplitude in lead AVL
198	ecga199	Num	8	QRSxAVF - QRS+ Amplitude in lead AVF
199	ecga200	Num	8	QRSxV1 - QRS+ Amplitude in lead V1
200	ecga201	Num	8	QRSxV2 - QRS+ Amplitude in lead V2
201	ecga202	Num	8	QRSxV3 - QRS+ Amplitude in lead V3
202	ecga203	Num	8	QRSxV4 - QRS+ Amplitude in lead V4
203	ecga204	Num	8	QRSxV5 - QRS+ Amplitude in lead V5
204	ecga205	Num	8	QRSxV6 - QRS+ Amplitude in lead V6
205	ecga206	Num	8	JAMPI - J Amplitude in lead I
206	ecga207	Num	8	JAMPPII - J Amplitude in lead II
207	ecga208	Num	8	JAMPPIII - J Amplitude in lead III
208	ecga209	Num	8	JAMPAVR - J Amplitude in lead AVR
209	ecga210	Num	8	JAMPAVL - J Amplitude in lead AVL
210	ecga211	Num	8	JAMPAVF - J Amplitude in lead AVF
211	ecga212	Num	8	JAMPV1 - J Amplitude in lead V1
212	ecga213	Num	8	JAMPV2 - J Amplitude in lead V2
213	ecga214	Num	8	JAMPV3 - J Amplitude in lead V3
214	ecga215	Num	8	JAMPV4 - J Amplitude in lead V4
215	ecga216	Num	8	JAMPV5 - J Amplitude in lead V5
216	ecga217	Num	8	JAMPV6 - J Amplitude in lead V6
217	ecga218	Num	8	TxAMPI - T+ Amplitude in lead I
218	ecga219	Num	8	TxAMPPII - T+ Amplitude in lead II
219	ecga220	Num	8	TxAMPPIII - T+ Amplitude in lead III
220	ecga221	Num	8	TxAMPAVR - T+ Amplitude in lead AVR
221	ecga222	Num	8	TxAMPAVL - T+ Amplitude in lead AVL
222	ecga223	Num	8	TxAMPAVF - T+ Amplitude in lead AVF

Num	Variable	Type	Len	Label
223	ecga224	Num	8	TxAMPV1 - T+ Amplitude in lead V1
224	ecga225	Num	8	TxAMPV2 - T+ Amplitude in lead V2
225	ecga226	Num	8	TxAMPV3 - T+ Amplitude in lead V3
226	ecga227	Num	8	TxAMPV4 - T+ Amplitude in lead V4
227	ecga228	Num	8	TxAMPV5 - T+ Amplitude in lead V5
228	ecga229	Num	8	TxAMPV6 - T+ Amplitude in lead V6
229	ecga230	Num	8	T_AMPI - T- Amplitude in lead I
230	ecga231	Num	8	T_AMPII - T- Amplitude in lead II
231	ecga232	Num	8	T_AMPIII - T- Amplitude in lead III
232	ecga233	Num	8	T_AMP AVR - T- Amplitude in lead AVR
233	ecga234	Num	8	T_AMP AVL - T- Amplitude in lead AVL
234	ecga235	Num	8	T_AMP AVF - T- Amplitude in lead AVF
235	ecga236	Num	8	T_AMPV1 - T- Amplitude in lead V1
236	ecga237	Num	8	T_AMPV2 - T- Amplitude in lead V2
237	ecga238	Num	8	T_AMPV3 - T- Amplitude in lead V3
238	ecga239	Num	8	T_AMPV4 - T- Amplitude in lead V4
239	ecga240	Num	8	T_AMPV5 - T- Amplitude in lead V5
240	ecga241	Num	8	T_AMPV6 - T- Amplitude in lead V6
241	ecga242	Num	8	T_xI - T-+ in lead I
242	ecga243	Num	8	T_xII - T-+ in lead II
243	ecga244	Num	8	T_xIII - T-+ in lead III
244	ecga245	Num	8	T_xAVR - T-+ in lead AVR
245	ecga246	Num	8	T_xAVL - T-+ in lead AVL
246	ecga247	Num	8	T_xAVF - T-+ in lead AVF
247	ecga248	Num	8	T_xV1 - T-+ in lead V1
248	ecga249	Num	8	T_xV2 - T-+ in lead V2
249	ecga250	Num	8	T_xV3 - T-+ in lead V3
250	ecga251	Num	8	T_xV4 - T-+ in lead V4
251	ecga252	Num	8	T_xV5 - T-+ in lead V5
252	ecga253	Num	8	T_xV6 - T-+ in lead V6
253	ecga254	Num	8	QDURI - Q Duration in lead I
254	ecga255	Num	8	QDURII - Q Duration in lead II
255	ecga256	Num	8	QDURIII - Q Duration in lead III
256	ecga257	Num	8	QDUR AVR - Q Duration in lead AVR
257	ecga258	Num	8	QDUR AVL - Q Duration in lead AVL
258	ecga259	Num	8	QDUR AVF - Q Duration in lead AVF
259	ecga260	Num	8	QDURV1 - Q Duration in lead V1
260	ecga261	Num	8	QDURV2 - Q Duration in lead V2
261	ecga262	Num	8	QDURV3 - Q Duration in lead V3

Num	Variable	Type	Len	Label
262	ecga263	Num	8	QDURV4 - Q Duration in lead V4
263	ecga264	Num	8	QDURV5 - Q Duration in lead V5
264	ecga265	Num	8	QDURV6 - Q Duration in lead V6
265	ecga266	Num	8	RPKDI - R Peak Duration in lead I
266	ecga267	Num	8	RPKDII - R Peak Duration in lead II
267	ecga268	Num	8	RPKDIII - R Peak Duration in lead III
268	ecga269	Num	8	RPKDAVR - R Peak Duration in lead AVR
269	ecga270	Num	8	RPKDAVL - R Peak Duration in lead AVL
270	ecga271	Num	8	RPKDAVF - R Peak Duration in lead AVF
271	ecga272	Num	8	RPKDV1 - R Peak Duration in lead V1
272	ecga273	Num	8	RPKDV2 - R Peak Duration in lead V2
273	ecga274	Num	8	RPKDV3 - R Peak Duration in lead V3
274	ecga275	Num	8	RPKDV4 - R Peak Duration in lead V4
275	ecga276	Num	8	RPKDV5 - R Peak Duration in lead V5
276	ecga277	Num	8	RPKDV6 - R Peak Duration in lead V6
277	ecga278	Num	8	MXRDI - Maximum R Duration in lead I
278	ecga279	Num	8	MXRDII - Maximum R Duration in lead II
279	ecga280	Num	8	MXRDIII - Maximum R Duration in lead III
280	ecga281	Num	8	MXRDAVR - Maximum R Duration in lead AVR
281	ecga282	Num	8	MXRDAVL - Maximum R Duration in lead AVL
282	ecga283	Num	8	MXRDAVF - Maximum R Duration in lead AVF
283	ecga284	Num	8	MXRDV1 - Maximum R Duration in lead V1
284	ecga285	Num	8	MXRDV2 - Maximum R Duration in lead V2
285	ecga286	Num	8	MXRDV3 - Maximum R Duration in lead V3
286	ecga287	Num	8	MXRDV4 - Maximum R Duration in lead V4
287	ecga288	Num	8	MXRDV5 - Maximum R Duration in lead V5
288	ecga289	Num	8	MXRDV6 - Maximum R Duration in lead V6
289	ecga290	Num	8	MXSDI - Maximum S Duration in lead I
290	ecga291	Num	8	MXSDII - Maximum S Duration in lead II
291	ecga292	Num	8	MXSDIII - Maximum S Duration in lead III
292	ecga293	Num	8	MXSDAVR - Maximum S Duration in lead AVR
293	ecga294	Num	8	MXSDAVL - Maximum S Duration in lead AVL
294	ecga295	Num	8	MXSDAVF - Maximum S Duration in lead AVF
295	ecga296	Num	8	MXSDV1 - Maximum S Duration in lead V1
296	ecga297	Num	8	MXSDV2 - Maximum S Duration in lead V2
297	ecga298	Num	8	MXSDV3 - Maximum S Duration in lead V3
298	ecga299	Num	8	MXSDV4 - Maximum S Duration in lead V4
299	ecga300	Num	8	MXSDV5 - Maximum S Duration in lead V5
300	ecga301	Num	8	MXSDV6 - Maximum S Duration in lead V6



Num	Variable	Type	Len	Label
301	ecga302	Num	8	QRSDI - QRS Duration in lead I
302	ecga303	Num	8	QRSDII - QRS Duration in lead II
303	ecga304	Num	8	QRSDIII - QRS Duration in lead III
304	ecga305	Num	8	QRSDAVR - QRS Duration in lead AVR
305	ecga306	Num	8	QRSDAVL - QRS Duration in lead AVL
306	ecga307	Num	8	QRSDAVF - QRS Duration in lead AVF
307	ecga308	Num	8	QRSDV1 - QRS Duration in lead V1
308	ecga309	Num	8	QRSDV2 - QRS Duration in lead V2
309	ecga310	Num	8	QRSDV3 - QRS Duration in lead V3
310	ecga311	Num	8	QRSDV4 - QRS Duration in lead V4
311	ecga312	Num	8	QRSDV5 - QRS Duration in lead V5
312	ecga313	Num	8	QRSDV6 - QRS Duration in lead V6
313	ecga314	Num	8	QSPTI - QS Pattern in lead I
314	ecga315	Num	8	QSPTII - QS Pattern in lead II
315	ecga316	Num	8	QSPTIII - QS Pattern in lead III
316	ecga317	Num	8	QSPTAVR - QS Pattern in lead AVR
317	ecga318	Num	8	QSPTAVL - QS Pattern in lead AVL
318	ecga319	Num	8	QSPTAVF - QS Pattern in lead AVF
319	ecga320	Num	8	QSPTV1 - QS Pattern in lead V1
320	ecga321	Num	8	QSPTV2 - QS Pattern in lead V2
321	ecga322	Num	8	QSPTV3 - QS Pattern in lead V3
322	ecga323	Num	8	QSPTV4 - QS Pattern in lead V4
323	ecga324	Num	8	QSPTV5 - QS Pattern in lead V5
324	ecga325	Num	8	QSPTV6 - QS Pattern in lead V6
325	ecga326	Num	8	STSLI - ST Slope in lead I
326	ecga327	Num	8	STSLII - ST Slope in lead II
327	ecga328	Num	8	STSLIII - ST Slope in lead III
328	ecga329	Num	8	STSLAVR - ST Slope in lead AVR
329	ecga330	Num	8	STSLAVL - ST Slope in lead AVL
330	ecga331	Num	8	STSLAVF - ST Slope in lead AVF
331	ecga332	Num	8	STSLV1 - ST Slope in lead V1
332	ecga333	Num	8	STSLV2 - ST Slope in lead V2
333	ecga334	Num	8	STSLV3 - ST Slope in lead V3
334	ecga335	Num	8	STSLV4 - ST Slope in lead V4
335	ecga336	Num	8	STSLV5 - ST Slope in lead V5
336	ecga337	Num	8	STSLV6 - ST Slope in lead V6
337	ecga5	Num	8	Reporting FLAG(1=normal,2=minimal abnormal,3=important abnormal)

**Data Set Name: echa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ECHA13	Num	8	Body Surface Area
4	ECHA16	Char	1	LA dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)
5	ECHA17	Char	1	LV dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)
6	ECHA18	Char	1	RA dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)
7	ECHA19	Char	1	RV dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)
8	ECHA20	Char	1	Aortic dilation (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)
9	ECHA21	Char	1	LV Hypertrophy (Qualitative Assessment ) (0=None 1= Mild 2=Mod 3=Severe 9=Can't Assess)
10	ECHA22	Char	1	Pericardial effusion (0=None 1= Small 2=Mod 3=Large 9=Can't Assess)
11	ECHA23	Char	2	LV ejection fraction (Semi quantitative;nearest 5%)
12	ECHA24	Char	1	LV regional wall motion (N=Normal B=Border line A=Abnormal 9=can't assess)
13	ECHA25	Char	1	Aortic leaflets (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe Stenosis 9=can't assess)
14	ECHA26	Char	1	Mitral leaflets (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe Stenosis 9=can't assess)
15	ECHA27	Char	1	Mitral regurgitation (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe 9=can't assess)
16	ECHA28	Char	1	Aortic regurgitation (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe 9=can't assess)
17	ECHA29	Char	1	Tricuspid regurgitation (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe 9=can't assess)
18	ECHA30	Char	1	Pulmonary regurgitation (0=Normal 1=Sclerosis 2,3,4=Mild/Mod/Severe 9=can't assess)
19	ECHA31	Char	1	Mitral Anular Calcification (0=None 1=Mild 2=marked 9=can't assess)
20	ECHA32	Char	1	Mitral Valve Prolapse (0=None 1=Mild 2=marked 9=can't assess)
21	ECHA34	Char	1	View used for 2D measurements (L=long axis S=short axis 9=not measured)
22	ECHA35	Char	1	View used for M-Mode measurements (L=long axis S=short axis 9=not measured)
23	ECHA36	Char	1	Is the Septal angle greater than 30 degress to transducer ? (Y=Yes N=No)
24	ECHA37	Char	1	Quality of 2D parasternal images (3=Excellant 2=Good 1=Fair 0=Not useable 9=Not recorded)
25	ECHA38	Char	1	Quality of M-Mode recording of LV (3=Excellant 2=Good 1=Fair 0=Not useable 9=Not recorded)
26	ECHA39	Char	1	Clinical alert findings present? (Y=Yes N=No)
27	ECHA41	Num	8	M-mode diastolic IV septum thickness in millimeters
28	ECHA43	Num	8	M-mode diastolic LV diameter in millimeters
29	ECHA44	Num	8	M-mode systolic LV diameter in millimeters
30	ECHA45	Num	8	M-mode diastolic posterior wall thickness in millimeters
31	ECHA47	Num	8	M-mode LA diameter (end-systole) in millimeters
32	ECHA48	Num	8	M-mode aortic root diameter (end-diastole) at sinuses in millimeters
33	ECHA49	Num	8	M-mode calculated left ventricular mass (grams)
34	ECHA50	Num	8	2D diastolic IV septum thickness in millimeters
35	ECHA52	Num	8	2D diastolic LV diameter in millimeters
36	ECHA53	Num	8	2D systolic LV diameter in millimeters
37	ECHA54	Num	8	2D diastolic posterior wall thickness in millimeters

Num	Variable	Type	Len	Label
38	ECHA56	Num	8	2D LA diameter (end-systole) in millimeters
39	ECHA57	Num	8	2D aortic root diameter (end-diastole) at sinuses in millimeters
40	ECHA58	Num	8	2D calculated left ventricular mass (grams)
41	ECHA59	Num	8	Doppler mean aortic outflow velocity (cm/sec)
42	ECHA60	Num	8	Doppler peak aortic outflow velocity (cm/sec)
43	ECHA61	Num	8	Doppler velocity-time integral of aortic outflow (cm)
44	ECHA62	Num	8	Heart rate during aortic outflow Doppler study
45	ECHA63	Num	8	Systolic ejection time (seconds per beat)
46	ECHA64	Num	8	Doppler peak mitral E wave velocity (m/sec)
47	ECHA65	Num	8	Doppler peak mitral A wave velocity (m/sec)
48	ECHA66	Num	8	Ratio of MV_PeakE to MA_PeakA
49	ECHA67	Num	8	Doppler velocity-time integral of mitral E wave (cm)
50	ECHA68	Num	8	Doppler velocity-time integral of mitral A wave (cm)
51	ECHA69	Num	8	Heart rate during mitral inflow Doppler study
52	ECHA70	Num	8	Diastolic filling period
53	ECHA71	Num	8	Doppler velocity-time integral of the entire mitral inflow (cm)
54	ECHA72	Num	8	Isovolumic relaxation time
55	ECHA73	Num	8	Doppler pulmonary vein peak S velocity
56	ECHA74	Num	8	Doppler pulmonary vein peak D velocity
57	ECHA75	Num	8	Doppler pulmonary vein peak A velocity
58	ECHA76	Num	8	Ratio of PV_PeakS to PV_PeakD
59	ECHA77	Num	8	Pulmonary acceleration time
60	ECHA78	Num	8	Tricuspid regurgitation peak velocity (mmHg)
61	ECHA79	Char	1	Record Status (D=Data exists , M= Missing data)

***Data Set Name: formats.sas7bdat***

Num	Variable	Type	Len	Label
1	FMTNAME	Char	32	Format name
2	START	Char	16	Starting value for format
3	END	Char	16	Ending value for format
4	LABEL	Char	98	Format value label
5	MIN	Num	3	Minimum length
6	MAX	Num	3	Maximum length
7	DEFAULT	Num	3	Default length
8	LENGTH	Num	3	Format length
9	FUZZ	Num	8	Fuzz value
10	PREFIX	Char	2	Prefix characters
11	MULT	Num	8	Multiplier
12	FILL	Char	1	Fill character
13	NOEDIT	Num	3	Is picture string noedit?
14	TYPE	Char	1	Type of format
15	SEXCL	Char	1	Start exclusion
16	EEXCL	Char	1	End exclusion
17	HLO	Char	13	Additional information
18	DECSEP	Char	1	Decimal separator
19	DIG3SEP	Char	1	Three-digit separator
20	DATATYPE	Char	8	Date/time/datetime?
21	LANGUAGE	Char	8	Language for date strings

*Data Set Name: ftra.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	FTRA5	Num	8	5: Computed fasting time

**Data Set Name: *hcaa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	HCAA1	Char	5	1: Particular place for health asst.
4	HCAA2A	Char	32	2a: Place usually go
5	HCAA3	Char	14	3: Trust your medical provider
6	HCAA4	Char	10	4: Dentist visit w/in 12 months
7	HCAA5	Char	44	5: Last doctor visit for rt. physical
8	HCAA6	Char	16	6: Difficulty in obtaining hlth service
9	HCAA7	Char	5	7: Private health insurance coverage
10	HCAA8	Char	5	8: Medicaid/public aid coverage
11	HCAA9	Char	5	9: Medicare coverage
12	HCAA10	Char	5	10: VA or Champus coverage
13	HCAA11	Char	22	11: Satisfied w/doctor

**Data Set Name: isla.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ISLA1	Num	8	1: Most of my friends are more interesting
4	ISLA2	Num	8	2: There are several people I can talk to when lonely
5	ISLA3	Num	8	3: Often meet or talk with family/friends
6	ISLA4	Num	8	4: Feel I'm not always included by circle of friends
7	ISLA5	Num	8	5: No one to give me an objective view
8	ISLA6	Num	8	6: Trouble finding a way to the doctor
9	ISLA7	Num	8	7: If sick, I could find help with chores
10	ISLA8	Num	8	8: Have someone to turn to w/ personal problems
11	ISLA9	Num	8	9: Do not often get invited to do things with others
12	ISLA10	Num	8	10: Friends more successful at making changes in life
13	ISLA11	Num	8	11: Difficult to find someone to look after house when gone
14	ISLA12	Num	8	12: No one to trust with financial advice
15	ISLA13	Num	8	13: More satisfied w/ my life than most
16	ISLA14	Num	8	14: Difficult to find someone to lend their car
17	ISLA15	Num	8	15: There is at least one person whose advise I trust
18	ISLA16	Num	8	16: Have hard time keeping pace w/ friends

**Data Set Name: loca.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	CHLORIDE	Num	8	chloride mmol/L
4	CREATININE	Num	8	creatinine mg/dL
5	GLUCOSE	Num	8	Glucose mg/dL
6	HEMATOCRIT	Num	8	hematocrit %
7	HEMOGLOBIN	Num	8	hemoglobin G/DL
8	PLATELET	Num	8	platelet TH/CMM
9	POTASSIUM	Num	8	potassium mmol/L
10	SODIUM	Num	8	sodium mmol/L
11	URIC_ACID	Num	8	uric acid mg/dL
12	BASO	Num	8	baso:diff measure %
13	EOSIN	Num	8	eosin: diff measure %
14	LYMPHS	Num	8	lymphs:diff measure %
15	MCH	Num	8	MCH PG
16	MCHC	Num	8	mchc %
17	MCV	Num	8	mcv FL
18	MONOS	Num	8	monos:diff %
19	MPV	Num	8	mpv FL
20	RDW	Num	8	Red Cell Distribution Width
21	RED_CELL_COUNT	Num	8	red cell count M/CMM
22	SEGS	Num	8	segs:diff measure %
23	WBC	Num	8	White Blood Cells TH/CMM
24	BANDS	Num	8	bands: diff measure %
25	NRBC	Num	8	nrbc:diff measure
26	hypoc_cresult	Char	8	hypochr character result
27	pltsuff_cresult	Char	8	platelet sufficiency character result
28	aniso_cresult	Char	8	aniso character result
29	micro_cresult	Char	8	micro character result
30	uacid_cresult	Char	8	uric acid character result
31	oval_cresult	Char	8	oval character result
32	locaflag	Num	8	Locaflag



***Data Set Name: locaspot.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	RS_CREAT	Num	8	Spot Creatinine mg/dL
3	RS_UA_CR_RATIO	Num	8	Spot UA Creatinine ratio mg/g
4	RS_UR_POTASSIUM	Num	8	Spot Urine potassium MEQ/L
5	RS_UR_SODIUM	Num	8	Spot Urine Sodium MEQ/L
6	URINE_ALBUMIN	Num	8	Spot urine albumin mg/dL
7	rsuacrat_cresult	Char	8	Spot urine ablumin creatinine ratio character result
8	ualb_cresult	Char	8	Spot urine albumin character result
9	rsursod_cresult	Char	8	Spot urine sodium character result

**Data Set Name: locau24h.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	uacr24h	Num	8	24 hour urine albumin creatinine ratio: mg/g
3	UR_ALBUMIN_24HR	Num	8	24 hour urine albumin: mg/24hr
4	UR_CREATININE	Num	8	urine creatinine: g/24hr
5	UR_TOTAL_VOLUME	Num	8	urine total volume: mL
6	URINE_CHLORIDE	Num	8	urine chloride: mEq/24hr
7	URINE_NA	Num	8	urine sodium: mEq/24hr
8	URINE_POTASSIUM	Num	8	urine potassium: mEq/24hr
9	uacr24h_cresult	Char	8	24 hour albumin creatinine ratio character result: mg/g
10	ualb24_cresult	Char	8	24 hour urine albumin character result: mg/24hr
11	una_cresult	Char	8	urine sodium character result: mEq/24hr
12	upot_cresult	Char	8	urine potassium character result: mEq/24hr
13	DateDiff	Num	8	Days between clinic visit date and 24 urine collection

*Data Set Name: medcodes.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	medconc	Char	200	medconc
3	gpicode	Char	14	msragpicode
4	tccode	Char	10	msratccode
5	tename	Char	200	msratcname
6	ahfscode	Num	8	msrahfscode
7	VISIT	Num	8	CONTACT OCCASION

**Data Set Name: mhxa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MHXA1	Char	1	1: Told you snore loudly, bother others while sleep.
4	MHXA2	Char	1	2: Told that you stop breathing in your sleep.
5	MHXA3	Char	1	3: Fall asleep during the day.
6	MHXA4	Char	1	4: You are tired after sleeping.
7	MHXA5	Char	1	5: You feel sleepy/fall asleep while driving
8	MHXA6	Char	1	6: Rate your sleep quality overall
9	MHXA7	Num	8	7: Hours of actual sleep at night (Hours)?
10	MHXA8	Char	1	8: Ever had any pain/discomfort in chest?
11	MHXA9	Char	1	9: Chest pain walking up hill?
12	MHXA10	Char	1	10: Chest pain walking at ordinary pace on level?
13	MHXA11	Char	1	11: What do you do if you get chest pain while walking?
14	MHXA12	Char	1	12: If you stand still, what happens?
15	MHXA13	Char	1	13: Time required for relief of chest pain
16	MHXA14A	Char	1	14a: Pain location-Sternum (upper or middle)?
17	MHXA14B	Char	1	14b: Pain location-Sternum (lower)?
18	MHXA14C	Char	1	14c: Pain location-Left anterior chest?
19	MHXA14D	Char	1	14d: Pain location-Left arm?
20	MHXA14E	Char	1	14e: Pain location-Other?
21	MHXA15	Char	1	15: Do you feel chest pain anywhere else?
22	MHXA16	Char	1	16: Saw a doctor because of chest pain?
23	MHXA17	Char	1	17: What did the doctor say it was?
24	MHXA18	Char	1	18: Hospitalized because of chest pain?
25	MHXA19	Char	1	19: How long ago did chest pain start?
26	MHXA20	Char	1	20: Within past 2 months, chest pain?
27	MHXA21	Char	1	21: Occurred At least twice as often as before?
28	MHXA22	Char	1	22: More severe pain in past 2 months?
29	MHXA23	Char	1	23: Longer lasting pain in past 2 months?
30	MHXA24	Char	1	24: Use Nitroglycerin to relieve pain?
31	MHXA25	Char	1	25: Needed more nitroglycerin in past 2 months?
32	MHXA26	Char	1	26: Get pain w/less exertion in past 2 months?
33	MHXA27	Char	1	27: In the past 2 months, has the pain required more nitroglycerin
34	MHXA28	Char	1	28: Pain when sleeping in past 2 months,?
35	MHXA29	Char	1	29: Ever had severe pain 1/2 hr + across chest front?
36	MHXA30	Char	1	30: Saw a doctor because of this pain?
37	MHXA31	Char	1	31: What did the doctor say it was?

Num	Variable	Type	Len	Label
38	MHXA32	Char	1	32: Hospitalized for heart attack a week +?
39	MHXA33	Num	8	33: How many such heart attacks?
40	MHXA34	Num	8	34: Age when first heart attack.
41	MHXA35	Char	1	35: Had a test to exercise w/ electrocardiogram
42	MHXA36	Char	1	36: Told results (normal or abnormal?)
43	MHXA37	Char	1	37: Pain in either leg on walking?
44	MHXA38	Char	1	38: Pain when standing still or sitting?
45	MHXA39	Char	1	39: What part of leg do you feel it?
46	MHXA40	Char	1	40: Pain when walking uphill or hurry?
47	MHXA41	Char	1	41: Pain if you walk at ordinary pace?
48	MHXA42	Char	1	42: Pain disappear while walking?
49	MHXA43	Char	1	43: What do you do if get pain while walking?
50	MHXA44	Char	1	44: If you stand still, what happens?
51	MHXA45	Char	1	45: How soon came relief of pain?
52	MHXA46	Char	1	46: Hospitalized for problem in legs?
53	MHXA47	Char	1	47: Ever had to sleep on 2+ pillows to help breathe?
54	MHXA48	Char	1	48: Ever awakened by trouble breathing?
55	MHXA49	Char	1	49: Ever had swelling of feet or ankles?
56	MHXA50	Char	1	50: Swelling come during day, go down overnight?
57	MHXA51	Char	1	51: Ever had surgery on heart, arteries of neck/legs?
58	MHXA52A	Char	1	52a: Have a Coronary bypass?
59	MHXA52B1	Char	1	52b1: Other heart procedure?
60	MHXA52C	Char	1	52c: Have you had carotid endarterectomy?
61	MHXA52D	Char	1	52d: Site of carotid endarterectomy?
62	MHXA52E1	Char	1	52e1: Had other revascularization/bypass?
63	MHXA52F	Char	1	52ef: Other surgery on heart, arteries?
64	MHXA53	Char	1	53: Ever had balloon angioplasty on arteries?
65	MHXA54A	Char	1	54a: Ever had angioplasty of coronary arteries?
66	MHXA54B	Char	1	54b: Ever had angioplasty in arteries of neck?
67	MHXA54C	Char	1	54c: Ever had angioplasty of lower extremity?
68	MHXA55A	Char	1	55a: Ever had heart catheterization?
69	MHXA55B	Char	1	55b: Ever had carotid artery catheterization?
70	MHXA55C1	Char	1	55c1: Other arterial catheterization?
71	MHXA56A	Char	1	56a: Ever had echocardiogram?
72	MHXA56B	Char	1	56b: Ever had electrocardiogram?
73	MHXA56C	Char	1	56c: Ever had treadmill or cardiac stress test?
74	MHXA56D	Char	1	56d: Ever had MRI exam of the brain?
75	MHXA57	Char	1	57: Ever been on kidney dialysis or kidney machine?
76	MHXA58A	Num	8	58a: How long on kidney dialysis (months)?

Num	Variable	Type	Len	Label
77	MHXA58B	Num	8	58b: How long on kidney dialysis (years)?

**Data Set Name: msra.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MSRA1	Char	1	1: Bring in all medications used?
4	MSRA2	Char	1	2: Because you forgot medications?
5	MSRA3A	Char	1	3a: Could we follow up on meds after visit?
6	MSRA30A	Char	1	30a: Past 2 wks took high blood pressure medications?
7	MSRA30B	Char	1	30b: Past 2 wks took high blood cholesterol?
8	MSRA30C	Char	1	30c: Past 2 wks took angina/chest pain medications?
9	MSRA30D	Char	1	30d: Past 2 wks took control of heart rhythm medications?
10	MSRA30E	Char	1	30e: Took medications for heart failure?
11	MSRA30F	Char	1	30f: Took medications for blood thinning?
12	MSRA30G	Char	1	30g: Took medications for diabetes/high blood sugar?
13	MSRA30H	Char	1	30h: Took medications for stroke
14	MSRA30I	Char	1	30i: Took medications for leg pain when walking?
15	MSRA31A	Char	1	31a: In a hurry, too busy, forgot to take medications
16	MSRA31B	Char	1	31b: Medication was inconvenient to take
17	MSRA31C	Char	1	31c: Medication wouldn't do any good-did not take
18	MSRA31D	Char	1	31d: Medication made you feel bad-did not take
19	MSRA31E	Char	1	31e: Can't carry out normal activities-did not take medications
20	MSRA31F	Char	1	31f: Thought you might become addicted-did not take medications
21	MSRA31G	Char	1	31g: Don't like to take medicine
22	MSRA31H	Char	1	31h: Trying to do without taking medications
23	MSRA31I	Char	1	31i: No money to purchase medication
24	MSRA31J	Char	1	31j: Did not have medication available
25	MSRA31K	Char	1	31k: Other reasons for not taking a medication
26	MSRA32	Char	1	32: Past 2 weeks, take any aspirin..?
27	MSRA33	Char	1	33: Now taking aspirin?
28	MSRA34A	Char	1	34a: Strength of aspirin in the pill
29	MSRA34B	Num	8	34b: How many days a week, taking medication?
30	MSRA34C	Num	8	34c: Pills taking per week, on average?
31	MSRA34D	Char	1	34d: Purpose for taking this medication?
32	MSRA34E	Char	7	34e: When did you start taking aspirin (mm/yyyy)?
33	MSRA35A	Char	1	35a: Now taking other non-steroidal... drugs?
34	MSRA35B	Char	1	35b: Brand name of medication?
35	MSRA35D	Num	8	35d: Average pills per week you are taking?
36	MSRA35E	Char	7	35e: When did you start taking (mm/yy)?
37	MSRA36A	Char	1	36a: Have you used vinegar?

Num	Variable	Type	Len	Label
38	MSRA36B	Num	8	36b: How many days during past 2 weeks did you used vinger?
39	MSRA37A	Char	1	37a: Past 2 weeks have you used epsom salts?
40	MSRA37B	Num	8	37b: How many days during past 2 weeks did you use epsom salts?
41	MSRA38A	Char	1	38a: Lemon juice or lemon?
42	MSRA38B	Num	8	38b: How many days during the past 2 weeks did you use lemon/juice?
43	MSRA39A	Char	1	39a: Past 2 weeks have you used garlic?
44	MSRA39B	Num	8	39b: How many days during the past 2 weeks did you use garlic?
45	MSRA40A	Char	1	40a: Past 2 weeks did you use Teas?
46	MSRA40B	Num	8	40b: How many days past 2 weeks used Teas?
47	MSRA41A	Char	1	41a: Past 2 weeks did you use Roots?
48	MSRA41B	Num	8	41b: How many days the past 2 wks did you use Roots?
49	MSRA42A	Char	1	42a: Any other home remedies used (2 weeks)?
50	MSRA42B	Num	8	42b: How many days for past 2 wks took remedies?
51	MSRA43A	Char	1	43a: Any other home remedies?
52	MSRA43B	Char	1	43b: Home remedies for your heart or other symptoms?
53	MSRA43D	Char	1	How often have you used home remedies
54	MSRAflag	Num	8	Data record present: Yes/No



**Data Set Name: *occode\_dv.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	MPROCR	Num	8	Management, professional and related occupations
3	SRVOCR	Num	8	Service occupations
4	SALFOCR	Num	8	Sales and office occupations
5	FFFOCR	Num	8	Farming, fishing & forestry occupations
6	CONOCR	Num	8	Construction, extraction, and maintenance occupations
7	PRDOCR	Num	8	Production, transportation, and material moving occupations
8	MILOCR	Num	8	Military specific occupations w/ SOC codes
9	EMPTPR	Num	8	Employed, but temporarily
10	SICKLR	Num	8	Sick or on leave for health reasons
11	UNEMPR	Num	8	Unemployed
12	HOMMKR	Num	8	Homemaker, not working outside the home
13	RETRDR	Num	8	Retired from my usual job
14	STDNTR	Num	8	Student
15	OCC01	Num	8	Occupational Abbreviated Status

**Data Set Name:** *paca.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	PACA1	Char	1	1: # minutes walk or run
4	PACA2	Char	1	2: # city blocks walk each day
5	PACA3	Char	1	3: Leisure time: often walk 15 min.
6	PACA4	Char	1	4: Leisure time: often bike 15 min.
7	PACA5	Char	1	5: Leisure time: often sweat exertion
8	PACA6	Char	1	6: Past year: often watch tv
9	PACA7	Num	8	7: Past year: phy. Exercise 20 min.
10	PACA8	Char	1	8: Past year: work for pay/volunteer
11	PACA9	Char	1	9: Work comparable to others your age
12	PACA10	Char	1	10: After work physically tired
13	PACA11A	Char	1	11a: Working: how often sit
14	PACA11B	Char	1	11b: Working: how often stand
15	PACA11C	Char	1	11c: Working: how often walk
16	PACA11D	Char	1	11d: Working: how often lift heavy loads
17	PACA11E	Char	1	11e: Working: how often sweat from ext.
18	PACA12	Char	1	12: Time caring for others(child/elderly)
19	PACA13	Char	1	13: Past year: time spent cooking/cleaning
20	PACA14	Char	1	14: Past year: time spent major cleaning
21	PACA15	Char	1	15: Past year: time spent routine cleaning
22	PACA16	Char	1	16: Past year: time spent doing yard work
23	PACA17	Char	1	17: Past year: time spent hvy. outdoor work
24	PACA18	Char	1	18: Past year: time spent major home décor
25	PACA19	Char	1	19: Past year: participate in activities
26	PACA20	Char	20	20: Past year: often play sports/exercise
27	PACA21A	Char	1	21a: Activity on code list
28	PACA21B	Num	8	21b: Frequent sport/exercise code
29	PACA21C	Char	40	21c: Activity not coded, specify
30	PACA22	Char	1	22: # months do activity
31	PACA23	Char	1	23: #hours/wk. do activity
32	PACA24A	Char	1	24a: Activity on code list
33	PACA24B	Num	8	24b: Second most frequent sport/exercise
34	PACA24C	Char	40	24c: Activity not coded, specify
35	PACA25	Char	1	25: # months do activity
36	PACA26	Char	1	26: #hours/wk. do activity
37	PACA27A	Char	1	27a: Activity on code list

Num	Variable	Type	Len	Label
38	PACA27B	Num	8	27b: 3rd most frequent sport/exercise code
39	PACA27C	Char	40	27c: Activity not coded, specify
40	PACA28	Char	1	28: # months do activity
41	PACA29	Char	1	29: # hours do activity
42	PACA30	Char	1	30: Recreation act. Comparable to others

**Data Set Name: *pdsa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	PDSA2A	Num	8	2a: What is your community standing (1-10 scale)?
4	PDSA3	Char	1	3: Kind of work you do
5	PDSA4	Num	8	4: Last regular job for pay
6	PDSA5	Char	1	5: Are you currently working more than 1 job?
7	PDSA6B	Char	1	6b: Self-employed for this job
8	PDSA9A	Num	8	9a: How long on main job?
9	PDSA9B	Char	1	9b: Is Job steady, seasonal, or freq. layoffs?
10	PDSA10A	Char	1	10a: Ever been unemployed 6+ months
11	PDSA10B	Num	8	10b: # of times been unemployed less than 6 months.
12	PDSA11	Char	1	11: Satisfaction w/job
13	PDSA13	Num	8	13: Where are you in life (1-10)?
14	PDSA14	Num	8	14: Where were you in life 10 years ago (1-10)
15	PDSA15	Num	8	15: Number best describes where would you like to be next year (1-10)
16	PDSA16	Num	8	16: Number best describes where you expect to be next year (1-10)
17	PDSA17	Char	1	17: Disappointed if you never reach 15
18	PDSA18A	Num	8	18a: Highest degree/years of school you completed?
19	PDSA18B	Char	1	18b: Complete GED?
20	PDSA19A	Char	1	19a: Completed other training?
21	PDSA20	Char	1	20: Ever had/has spouse/partner
22	PDSA21	Char	1	21: Spouse/partner work for pay
23	PDSA23A	Num	8	23a: Highest degree/years of school spouse/partner completed?
24	PDSA23B	Char	1	23b: Did Spouse/partner complete GED?
25	PDSA24	Char	1	24: Are you renting/buying house?
26	PDSA25	Char	1	25: Own/lease one/more cars
27	PDSA26	Char	1	26: What is net-worth include (you & spouse)?
28	PDSA27A	Char	1	27a: Receive income from investments in past year?
29	PDSA27B	Char	1	27b: Receive income from Social security in past year?
30	PDSA27C	Char	1	27c: Receive Worker's compensation in past year?
31	PDSA27D	Char	1	27d: Receive Unemployment compensation in past year?
32	PDSA27E	Char	1	27e: Receive ADC or AFDC in past year?
33	PDSA27F	Char	1	27f: Receive Food stamps in past year?
34	PDSA27G	Char	1	27g: Receive other welfare program in past year?
35	PDSA27H	Char	1	27h: Receive Supplemental security income in past year
36	PDSA27I	Char	1	27i: Income from gambling in past year?
37	PDSA28B	Char	1	28b: You/family received +\$35K

Num	Variable	Type	Len	Label
38	PDSA28C	Char	1	28c: You/family received +\$50K
39	PDSA28D	Char	1	28d: You/family \$75K
40	PDSA28E	Char	1	28e: You/family \$100K
41	PDSA28F	Char	1	28f: You/family \$10K
42	PDSA28G	Char	1	28g: You/family \$25K
43	PDSA28A	Char	1	28a: What was total combined family income in past year?
44	PDSA29	Char	1	29: How much income did you contribute?
45	PDSA30	Num	8	30: # of people income supports
46	PDSA31	Num	8	31: # of people lived in home past 12 months.
47	PDSA31A	Num	8	31a: # people under 18
48	PDSA32	Num	8	32: Finacial self-ranking of those w/ most money

**Data Set Name:** *pfha.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	PFHA1	Char	1	1: Health comparable to others
4	PFHA2A	Char	1	2a: Has doctor said you have high blood pressure?
5	PFHA2B	Num	8	2b: Age when told you had high blood pressure?
6	PFHA3A	Char	1	3a: Doctor said you have high blood cholesterol?
7	PFHA3B	Num	8	3b: Age when told you had high blood cholesterol?
8	PFHA4A	Char	1	4a: Has doctor said you had Heart attack?
9	PFHA4B	Num	8	4b: Age when told you had heart attack?
10	PFHA5A	Char	1	5a: Has doctor said you had Stroke?
11	PFHA5B	Num	8	5b: Age when told you had stroke?
12	PFHA6A	Char	1	6a: Had doctor said you had Sugar/diabetes?
13	PFHA6B	Num	8	6b: Age told you had diabetes?
14	PFHA7A	Char	1	7a: Has doctor told you had Kidney problem?
15	PFHA7B	Num	8	7b: Age when told had kidney problems?
16	PFHA8A	Char	1	8a: Had doctor told you had Cancer?
17	PFHA8B	Num	8	8b: Age told you had cancer?
18	PFHA9A	Char	1	9a: Doctor said you had Chronic lung disease?
19	PFHA9B	Num	8	9b: Age told you had chronic lung disease?
20	PFHA10A	Char	1	10a: Has doctor said you have Asthma?
21	PFHA10B	Num	8	10b: Age when told this
22	PFHA11A	Char	1	11a: Has doctor said you have poor blood circulation?
23	PFHA11B	Num	8	11b: Age when told this
24	PFHA12A	Char	1	12a: During year stayed overnight in hospital?
25	PFHA13	Char	1	13: Is natural mother alive?
26	PFHA14	Num	8	14: Mom's age at death?
27	PFHA15A	Char	1	15a: Cause of Mother's death
28	PFHA16	Num	8	16: Mom's age
29	PFHA17	Char	1	17: Do mother have/had Cancer?
30	PFHA18	Char	1	18: Do mother have/had Diabetes?
31	PFHA19A	Char	1	19a: Do mother have/had High Blood Pressure?
32	PFHA19B	Num	8	19b: Age mother told had High Blood Pressure?
33	PFHA20A	Char	1	20a: Have mother had stroke?
34	PFHA20B	Num	8	20b: Age of mother when had stroke?
35	PFHA21A	Char	1	21a: Doctor said mother had heart disease?
36	PFHA21B	Num	8	21b: Mother age when told had heart disease?
37	PFHA22	Char	1	22: Is natural father alive?

Num	Variable	Type	Len	Label
38	PFHA23	Num	8	23: Dad's age at death?
39	PFHA24A	Char	1	23a: Cause of father's death
40	PFHA25	Num	8	25: How old is your father?
41	PFHA26	Char	1	26: Did father have/had Cancer?
42	PFHA27	Char	1	27: Did father have/had Diabetes?
43	PFHA28A	Char	1	28a: Did father have/had High Blood Pressure?
44	PFHA28B	Num	8	28b: Age of father when told had High Blood Pressure?
45	PFHA29A	Char	1	29a: Doctor said father had stroke
46	PFHA29B	Num	8	29b: Age of father when told had stroke
47	PFHA30A	Char	1	30a: Doctor said father had heart disease?
48	PFHA30B	Num	8	30b: Age of father when told had heart disease?
49	PFHA31A	Num	8	31a: # of full brothers living
50	PFHA31B	Num	8	31b: # of full sisters living
51	PFHA31C	Char	1	31c: Any other siblings dead?
52	PFHA31D	Num	8	31d: # of full brothers dead
53	PFHA31E	Num	8	31e: # of full sisters dead
54	PFHA31F	Num	8	31f: Total # full siblings
55	PFHA32A	Char	1	32a: Has siblings ever had Cancer?
56	PFHA32B	Num	8	32b: # siblings with cancer?
57	PFHA33A	Char	1	33a: Has siblings ever had diabetes?
58	PFHA33B	Num	8	33b: # siblings with diabetes?
59	PFHA34A	Char	1	34a: Has siblings had +BP/hypertension
60	PFHA34B	Num	8	34b: # of siblings with +BP/hypertension
61	PFHA34C	Num	8	34c: # of these siblings -60 yrs. told had +BP/hypertension?
62	PFHA35A	Char	1	35a: Has siblings had stroke?
63	PFHA35B	Num	8	35b: # siblings had stroke?
64	PFHA35C	Num	8	35c: # siblings -60 yrs. told they had a stroke?
65	PFHA36A	Char	1	36a: Has Siblings had heart disease?
66	PFHA36B	Num	8	36b: # of siblings with heart disease
67	PFHA36C	Num	8	36c: # siblings -60 yrs. told had heart disease?
68	PFHA37A	Num	8	37a: # natural children living?
69	PFHA37B	Num	8	37b: # kids over age 18?
70	PFHA37C	Char	2	37c: Any Other children dead?
71	PFHA37D	Num	8	37d: # of children dead?
72	PFHA38A	Char	1	38a: Have children 18+ had cancer?
73	PFHA38B	Num	8	38b: # kids(18+) with cancer?
74	PFHA39A	Char	1	39a: Have Kids(18+) told had diabetes?
75	PFHA39B	Num	8	39b: # kids(18+) with diabetes?
76	PFHA40A	Char	1	40a: Have Kids told they had hypertension?

Num	Variable	Type	Len	Label
77	PFHA40B	Num	8	40b: # kids(18+) told had hypertension?
78	PFHA40C	Num	8	40c: How many kids younger 60 yrs. told had +BP?
79	PFHA41A	Char	1	41a: Have Kids been told they had Stroke?
80	PFHA41B	Num	8	41b: # kids told had stroke?
81	PFHA41C	Num	8	41c: # kids -60 yrs. when told had a stroke
82	PFHA42A	Char	1	42a: Have Kids been told had Heart disease?
83	PFHA42B	Num	8	42b: # kids told had heart disease?
84	PFHA42C	Num	8	42c: # kids -60 yrs. when told had heart disease



*Data Set Name: plka.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	PLKA1	Char	20	Participant Type

**Data Set Name: *pula.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	PULA2	Char	8	Time of Testing (hh:mm)
3	PULA9	Char	2	J1= Jackson Spiromter # 1, J2 =Jackson Spirometer # 2
4	PULA50	Char	200	Pulmonary Reading Center Overreading Comments on Test
5	PULA59	Char	2	Flag showing (FVC, FEV1, FEV1/FVC) = Normal, Below Normal & >50% predicted, Less than 50% predicted, -1= Misssing Data
6	pula10	Num	8	Computer QC (Flow) - Quality Control Score assigned by computer for flow aspects of curve
7	pula11	Num	8	Computer QC (Volume) - Quality Control Score assigned by computer for volume aspects
8	pula12	Num	8	Reader QC (Flow) - Pulmonary reading center reader quality score for flow aspects
9	pula13	Num	8	Reader QC (FVC) - Pulmonary reading center reader quality score for forced vital capacity
10	pula14	Num	8	Reader QC (FEV1) - Pulmonary reading center reader quality score for FEV 1.0
11	pula16	Num	8	Number of Trials - Total number of Trials for Spirometry
12	pula17	Num	8	BEST_FVC - Best Forced Vital Capacity from best curve (Best curve is an acceptabel curve that has Max [FVC + FEV1 ] ): Measured in liters
13	pula18	Num	8	BEST_FEV1 - Forced Expiratory Volume in 1 second, FEV1.0 from the best curve: Measured in liters
14	pula19	Num	8	BEST_PEF - Peak Expiratory flow from the best curve: Measured in liters
15	pula20	Num	8	BEST_2575 - FEF 25-75 (mid flow) from the best curve: Measured in liters
16	pula21	Num	8	BEST_FEV3 - Forced Expiratory Volume in 3 seconds, FEV 3.0, from best
17	pula22	Num	8	BEST_FEV1_FVC - FEV1/FVC % from best curve
18	pula23	Num	8	BEST_FEV1_FEV6 - FEV1/FEV6 % from best curve
19	pula24	Num	8	BEST_FEV6 - Forced Expiratory Volume in 6 seconds, FEV6.0, from best ????
20	pula25	Num	8	BEST_Trial# - Trial Number for the best curve
21	pula26	Num	8	BEST_FEF50 - FEF 50: Flow at 50% of FVC from best curve
22	pula27	Num	8	SCND_FVC - Best Forced Vital Capacity from 2nd best curve (Second best curve is second highest [FVC + FEV1 ] ): Measured in liters
23	pula28	Num	8	SCND_FEV1 - Forced Expiratory Volume in 1 second, FEV1.0 from the 2nd best curve: Measured in liters
24	pula29	Num	8	SCND_PEF - Peak Expiratory flow from the 2nd best curve: Measured in liters per second
25	pula30	Num	8	SCND_2575 - FEF 25-75 (mid flow) from the 2nd best curve: Measured in ????
26	pula31	Num	8	SCND_FEV3 - Forced Expiratory Volume in 3 seconds, FEV3.0, from 2nd best curve: Measured in liters
27	pula32	Num	8	SCND_FEV1_FVC - FEV1/FVC % from second best curve
28	pula33	Num	8	SCND_FEV1_FVE6 - FEV1/FEV6 % from 2nd best curve
29	pula34	Num	8	SCND_FEV6 - Forced Expiratory Volume in 6 seconds, FEV6.0, from 2nd best curve; Measured in liters
30	pula35	Num	8	SCND_Trial# - Trial Number for the 2nd best curve
31	pula36	Num	8	SCND_FEF50 - FEF 50: Flow at 50% of FVC from 2nd best curve
32	pula37	Num	8	THRD_FVC - Best Forced Vital Capacity from 3rd best curve (Third best curve is third highest [ FVC + FEV1 ] ): Measured in liters
33	pula38	Num	8	THRD_FEV1 - Forced Expiratory Volume in 1 second, FEV1.0 from the 3rd best curve: Measured in liters
34	pula39	Num	8	THRD_PEF - Peak Expiratory flow from the 3rd best curve: Measured in liters per second

Num	Variable	Type	Len	Label
35	pula40	Num	8	THRD_2575 - FEF 25-75 (mid flow) from the 3rd best curve: Measured in liters
36	pula41	Num	8	THRD_FEV3 - Forced Expiratory Volume in 3 seconds, FEV3.0, from 3rd best curve: Measured in liters
37	pula42	Num	8	THRD_FEV1_FVC - FEV1/FVC % from 3rd best curve
38	pula43	Num	8	THRD_FEV1_FEV6 - FEV1/FEV6 % from 3rd best curve
39	pula44	Num	8	THRD_FEV6 - Forced Expiratory Volume in 6 seconds, FEV6.0, from 3rd best curve: Measured in liters
40	pula45	Num	8	THRD_Trial# - Trial Number for the 3rd best curve
41	pula46	Num	8	THRD_FEF50 - FEF 50: Flow at 50% of FVC from 3rd best curve
42	pula47	Num	8	Best_MIP - Lowest Maximum Inspiratory Pressure
43	pula48	Num	8	Scnd_MIP - Second Lowest Maximum Inspiratory Pressure
44	pula49	Num	8	Thrd_MIP - Third Lowest Maximum Inspiratory Pressure
45	FVC01PP	Num	8	Derived FVC % predicted
46	FEV01PP	Num	8	Derived FEV1 % predicted

**Data Set Name: *rcpa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	RCPA1	Char	23	1: How often do you attend church?
4	RCPA2	Char	23	2: How often do you pray privately?
5	RCPA3A	Char	18	3a: I feel God's presence
6	RCPA3B	Char	18	3b: I feel strength in my religion
7	RCPA3C	Char	18	3c: I feel deep inner peace and harmony
8	RCPA3D	Char	18	3d: I desire to be closer to God
9	RCPA3E	Char	18	3e: I feel God's love for me
10	RCPA3F	Char	18	3f: I am spiritually touched by creation
11	RCPA4	Char	1	4: Religion involved in dealing w/ stress
12	RCPA5A	Char	18	5a: Impossible to reach goals
13	RCPA5B	Char	18	5b: Future seems hopeless to me

**Data Set Name: refa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	REFA1	Char	1	1: Referral/alert made at this time?
4	REFA2	Char	1	2: Blood pressure
5	REFA3	Char	1	3: Glucose
6	REFA4	Char	1	4: Lipids
7	REFA5	Char	1	5: Other chemistries
8	REFA7	Char	1	7: Pulmonary function
9	REFA8	Char	1	8: Echocardiogram
10	REFA9	Char	1	9: Ultrasound
11	REFA10	Char	1	10: ECG
12	REFA11	Char	1	11: Other conditions

**Data Set Name: rhxa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	RHXA1	Num	8	1: Age when menstrual period started(age)?
4	RHXA2	Num	8	2: Times you have been pregnant?
5	RHXA3	Num	8	3: Live-born children you have had?
6	RHXA4	Char	1	4: Menstrual periods during past 2 years
7	RHXA6	Char	1	6: Natural period, or some other cause?
8	RHXA7	Num	8	7: Past 2 yrs, how many did you miss?
9	RHXA8	Char	1	8: Have you reached menopause?
10	RHXA9	Num	8	9: Age when you stopped menstrual?
11	RHXA10	Char	1	10: Natural menopause or surgery?
12	RHXA11	Char	1	11: Are you having hot flashes?
13	RHXA12	Char	2	12: Ever taken birth control pills?
14	RHXA13	Num	8	13:Age start taking birth control pills?
15	RHXA14	Char	1	14:Currently taking birth control pills?
16	RHXA15	Num	8	15:Age stop taking birth control pills?
17	RHXA16	Num	8	16: Years you have used birth control?
18	RHXA17	Char	1	17: Taken female hormone pills, etc.?
19	RHXA19	Num	8	19: Age start taking this hormone?
20	RHXA20	Char	2	20: Currently taking this hormone?
21	RHXA21	Num	8	21: Age stop taking this hormone?
22	RHXA22A	Num	8	22a: How long used this hormone (years)
23	RHXA22B	Num	8	22b: How long used this hormone (months)
24	RHXA23	Num	8	23:Days took this hormone in 4 wk period
25	RHXA24A	Char	2	24a: Used a second female hormone?
26	RHXA25	Num	8	25: Age start taking this hormone?
27	RHXA26	Char	1	26: Currentlty taking this hormone?
28	RHXA27	Num	8	27: Age stop taking this hormone
29	RHXA28A	Num	8	28a: How long used this hormone (years)
30	RHXA28B	Num	8	28b: How long used this hormone (months)
31	RHXA29	Num	8	29:Days took this hormone in 4 wk period
32	RHXA30A	Char	2	30a: Used a third female hormone?
33	RHXA31	Num	8	31: Age first start taking hormone
34	RHXA32	Char	1	32: Currently taking this hormone
35	RHXA33	Num	8	33: Age stop taking this hormone
36	RHXA34A	Num	8	34a: How long used this hormone (years)
37	RHXA34B	Num	8	34b: How long used this hormone (months)

Num	Variable	Type	Len	Label
38	RHXA35	Num	8	35:Days took this hormone in 4 wk period
39	RHXA36A	Char	2	36a: How you used a fourth hormone?
40	RHXA37	Num	8	37: Age start taking this hormone
41	RHXA38	Char	1	38: Currently taking this hormone?
42	RHXA39	Num	8	39: Age stop taking this hormone
43	RHXA40A	Num	8	40a: How long used this hormone (years)
44	RHXA40B	Num	8	40b: How long used this hormone (months)
45	RHXA41	Num	8	41:Days took this hormone in 4 wk period
46	RHXA42	Char	1	42: Surgery to remove uterus, ovaries?
47	RHXA43	Char	1	43: Was your uterus removed?
48	RHXA44	Num	8	44: Age when operation performed?
49	RHXA45	Char	1	45: One or both ovaries removed?
50	RHXA46	Num	8	46: Age when operation was performed?

*Data Set Name: rhxacodes.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	medconc	Char	200	medconc
3	gpicode	Char	14	gpicode
4	tname	Char	200	tname
5	tccode	Char	10	tccode
6	ahfscode	Num	8	ahfscode



**Data Set Name: *rpaa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	RPAA1	Char	1	1: Do you usually have a cough?
4	RPAA2	Char	1	2: Cough 4 to 6 times a day, 4+ days a week
5	RPAA3	Char	1	3: Cough like this, 3+ months
6	RPAA4	Char	1	4: Bring up phlegm from chest?
7	RPAA5	Char	1	5: Bring up phlegm twice a day (4+ days)?
8	RPAA6	Char	1	6: Bring up phlegm, 3+ months
9	RPAA7	Char	1	7: Chest ever sound wheezy w/ cold?
10	RPAA8	Char	1	8: Chest ever sound wheezy w/out cold?
11	RPAA9	Char	1	9: Chest sound wheezy most days?
12	RPAA10	Char	1	10: Had an attack of wheezing
13	RPAA11	Char	1	11: Had 2 or more such episodes?
14	RPAA12	Char	1	12: Required medicine for the attack
15	RPAA13	Char	1	13: Have you ever had asthma?
16	RPAA14	Char	1	14: Was it confirmed by a doctor?
17	RPAA16	Char	1	16: Do you still have asthma?
18	RPAA18	Char	1	18: Disabled from walking?
19	RPAA19	Char	1	19: Troubled by shortness of breath?
20	RPAA20	Char	1	20: Walk slower then people you age?
21	RPAA21	Char	1	21: Ever have to stop for breath?
22	RPAA22	Char	1	22: Stop for breath after walking 100yds?
23	RPAA23	Char	1	23: Too breathless to leave the house...?
24	RPAA15	Num	8	15: What age did your asthma start?
25	RPAA17	Num	8	17: What age did asthma stop?

**Data Set Name: sbpa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	sbpa1	Num	8	1: Room Temp(degrees centigrade)
3	sbpa2	Char	1	2: Used/smoked tobacco today
4	sbpa4	Char	1	4: Caffeinated beverages today
5	sbpa5	Num	8	5: Last had caffeinated beverages (HH:MM)
6	VISIT	Num	8	CONTACT OCCASION
7	SBPA3A	Num	8	3a: Last use of tobacco/smoke/snuff (Hours)
8	SBPA3B	Num	8	3b: Last use of tobacco/smoke/snuff (Mins)
9	SBPA6	Num	8	6: Right Arm Circumference (cm)
10	SBPA7	Char	1	7: Cuff Size (cm)
11	SBPA8	Num	8	8: Heart Rate (30 sec)
12	SBPA9A	Char	5	9a: Time of Day (hh:mm)
13	SBPA9B	Char	1	9b: AM/PM
14	SBPA10	Num	8	10: Pulse Obliteration Pressure
15	SBPA11	Num	8	11: Maximum Zero
16	SBPA12	Num	8	12: Peak Inflation Level
17	SBPA13	Num	8	13: Systolic (First BP)
18	SBPA14	Num	8	14: Diastolic (First BP)
19	SBPA15	Num	8	15: Zero Reading (First BP)
20	SBPA16	Num	8	16: Systolic (Second BP)
21	SBPA17	Num	8	17: Diastolic (Second BP)
22	SBPA18	Num	8	18: Zero Reading (Second BP)
23	SBPA19	Num	8	19: Systolic (Computed Net Average)
24	SBPA20	Num	8	20: Diastolic(Computed Net Average)

**Data Set Name:** *soca.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	SOCA1A	Char	1	1a: Married/Single/Divorced/Widowed
4	SOCA1B	Num	8	1b: How long (year)
5	SOCA2	Char	1	2: Currently living with spouse/another person in relationship
6	SOCA3	Char	1	3: How much (he/she) makes you feel cared for?
7	SOCA4	Char	1	4: How much (he/she) makes too many demands on you?
8	SOCA5	Char	1	5: How many close friends can you talk to?
9	SOCA6	Char	1	6: How many relatives are you close to?
10	SOCA7	Char	1	7: Number of friends/relatives you see once per month
11	SOCA8A	Char	1	8a: Do you belong to social/church groups?
12	SOCA8B	Num	8	8b: Total number of groups you belong to

**Data Set Name: *ssfa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	SSFA1	Char	1	1: Told by a physician you had a stroke
4	SSFA3	Char	1	3: Sudden loss or changes in speech
5	SSFA4	Char	1	4: Did the episode come on suddenly
6	SSFA5A	Char	1	5a: Slurred speech
7	SSFA5B	Char	1	5b: Could talk but the wrong words came out
8	SSFA5C	Char	1	5c: Knew what you wanted to say, but the words would not come out
9	SSFA5D	Char	1	5d: Could not think of the right words
10	SSFA5E	Char	1	5e: Which describes the problem
11	SSFA6A	Char	1	6a: Numbness or tingling
12	SSFA6B	Char	1	6b: Difficulty on right/left/both sides
13	SSFA6C	Char	1	6c: Paralysis or weakness
14	SSFA6D	Char	1	6d: Difficulty on right/left/both sides
15	SSFA6E	Char	1	6e: Lightheadedness, dizziness
16	SSFA6F	Char	1	6f: Blackout or fainting
17	SSFA6G	Char	1	6g: Seizures or convulsions
18	SSFA6H	Char	1	6h: Headache
19	SSFA6I	Char	1	6i: Visual disturbances
20	SSFA6J	Char	1	6j: Did you experience any of the above
21	SSFA7	Char	1	7: Sudden loss of vision longer than 24 hrs
22	SSFA8	Char	1	8: Did the episode come on suddenly
23	SSFA9A	Char	1	9a: Right eye/Left eye/Both eye
24	SSFA9B	Char	1	9b: Trouble seeing right/left/both sides
25	SSFA10A	Char	1	10a: Speech disturbance
26	SSFA10B	Char	1	10b: Numbness or tingling
27	SSFA10C	Char	1	10c: Difficulty on right/left/both sides
28	SSFA10D	Char	1	10d: Paralysis or weakness
29	SSFA10E	Char	1	10e: Difficulty on right/left/both sides
30	SSFA10F	Char	1	10f: Dizziness, loss of balance
31	SSFA10G	Char	1	10g: Blackout or fainting
32	SSFA10H	Char	1	10h: Seizures or convulsions
33	SSFA10I	Char	1	10i: Headache
34	SSFA10J	Char	1	10j: Flashing lights
35	SSFA11A	Char	1	11a: Sudden spell of double vision
36	SSFA11B	Char	1	11b: Closed one eye, no double vision
37	SSFA12	Char	1	12: Episode come on suddenly

Num	Variable	Type	Len	Label
38	SSFA13A	Char	1	13a: Speech disturbance
39	SSFA13B	Char	1	13b: Numbness or tingling
40	SSFA13C	Char	1	13c: Difficulty on right/left/both sides
41	SSFA13D	Char	1	13d: Paralysis or weakness
42	SSFA13E	Char	1	13e: Difficulty on right/left/both sides
43	SSFA13F	Char	1	13f: Lightheadedness, dizziness, ...
44	SSFA13G	Char	1	13g: Blackouts or fainting
45	SSFA13H	Char	1	13h: Seizures or convulsions
46	SSFA13I	Char	1	13i: Headache
47	SSFA14	Char	1	14: Sudden numbness, loss of feeling
48	SSFA15	Char	1	15: Numbness only in certain position
49	SSFA16	Char	1	16: Did episode come on suddenly
50	SSFA17A	Char	1	17a: Numbness in left arm/hand
51	SSFA17B	Char	1	17b: Numbness in left leg/foot
52	SSFA17C	Char	1	17c: Numbness in left side of face
53	SSFA17D	Char	1	17d: Numbness in right arm/hand
54	SSFA17E	Char	1	17e: Numbness in right leg/foot
55	SSFA17F	Char	1	17f: Numbness in right side of face
56	SSFA17G	Char	1	17g: Other
57	SSFA18	Char	1	18: Abnormal sensation spread
58	SSFA19A	Char	1	19a: Speech disturbance
59	SSFA19B	Char	1	19b: Paralysis or weakness
60	SSFA19C	Char	1	19c: Difficulty on right/left/both sides
61	SSFA19D	Char	1	19d: Lightheadedness, loss of balance
62	SSFA19E	Char	1	19e: Blackouts or fainting
63	SSFA19F	Char	1	19f: Seizures or fainting
64	SSFA19G	Char	1	19g: Headache
65	SSFA19H	Char	1	19h: Pain in numb arm/leg/face
66	SSFA19I	Char	1	19i: Visual disturbances
67	SSFA19J	Char	1	19j: Did you have any of the following
68	SSFA20	Char	1	20: Sudden paralysis on one side
69	SSFA21	Char	1	21: Did episode suddenly come on
70	SSFA22A	Char	1	22a: Left arm or hand
71	SSFA22B	Char	1	22b: Left leg or foot
72	SSFA22C	Char	1	22c: Left side of face
73	SSFA22D	Char	1	22d: Right arm or hand
74	SSFA22E	Char	1	22e: Right leg or foot
75	SSFA22F	Char	1	22f: Right side of face
76	SSFA22G	Char	1	22g: Other

Num	Variable	Type	Len	Label
77	SSFA23	Char	1	23: Did Paralysis spread
78	SSFA24A	Char	1	24a: Speech disturbances
79	SSFA24B	Char	1	24b: Numbness or tingling
80	SSFA24C	Char	1	24c: Difficulty right/left/both sides
81	SSFA24D	Char	1	24d: Lightheadedness, loss of balance
82	SSFA24E	Char	1	24e: Blackouts or fainting
83	SSFA24F	Char	1	24f: Seizures or convulsions
84	SSFA24G	Char	1	24g: Headache
85	SSFA24H	Char	1	24h: Pain in weak arm/leg/face
86	SSFA24I	Char	1	24i: Visual disturbance
87	SSFA24J	Char	1	24j: Did you have any of the following
88	SSFA25	Char	1	25: Sudden dizziness for 24 hrs or more
89	SSFA26	Char	1	26: Dizziness changing position of body
90	SSFA27A	Char	1	27a: Speech disturbance
91	SSFA27B	Char	1	27b: Paralysis or weakness
92	SSFA27C	Char	1	27c: Which side did you have difficulty on
93	SSFA27D	Char	1	27d: Numbness or tingling
94	SSFA27E	Char	1	27e: Difficulty on right/left/both sides
95	SSFA27F	Char	1	27f: Blackouts or fainting
96	SSFA27G	Char	1	27g: Seizures or convulsions
97	SSFA27H	Char	1	27h: Headache
98	SSFA27I	Char	1	27i: Visual disturbance
99	SSFA27J	Char	1	27j: Did you have any of the following
100	SSFA28	Char	1	28: Dizziness sensation come on suddenly

**Data Set Name:** *stsa.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	STSA1	Char	1	1: Stress in your job
4	STSA2	Char	1	2: Stress in your relationships
5	STSA3	Char	1	3: Stress living in neighborhood
6	STSA4	Char	1	4: Stress caring for other
7	STSA5	Char	1	5: Stress related to legal problems
8	STSA6	Char	1	6: Stress from medical problems
9	STSA7	Char	1	7: Stress from racism/discrimination
10	STSA8	Char	1	8: Stress meeting basic needs

**Data Set Name: stxa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	STXA1	Num	8	1: I express my anger
4	STXA2	Num	8	2: I keep things in
5	STXA3	Num	8	3: I pout or sulk
6	STXA4	Num	8	4: I withdraw from people
7	STXA5	Num	8	5: Make sarcastic remarks to others
8	STXA6	Num	8	6: I do things like slam doors
9	STXA7	Num	8	7: I boil inside, but don't show it
10	STXA8	Num	8	8: I argue with others
11	STXA9	Num	8	9: Tend to harbor grudges
12	STXA10	Num	8	10: Strike out at whatever infuriates me
13	STXA11	Num	8	11: Secretly critical of others
14	STXA12	Num	8	12: Agrier than willing to admit
15	STXA13	Num	8	13: I say nasty things
16	STXA14	Num	8	14: Irritated a great deal
17	STXA15	Num	8	15: I lose my temper
18	STXA16	Num	8	16: If annoyed, I tell him/her



**Data Set Name: toba.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	TOBA1	Char	1	1: Smoked at least 400 cigarettes
4	TOBA2	Num	8	2: Age when first smoke cigarettes
5	TOBA3	Char	1	3: Do you now smoke cigarettes
6	TOBA4A	Num	8	4a: Since you last smoked (months)
7	TOBA4B	Num	8	4b: Since you last smoked (years)
8	TOBA5	Num	8	5: Cigarettes you smoke per day
9	TOBA6	Char	1	6: Smoke more first few hrs after wake
10	TOBA7	Char	1	7: How soon do you smoke?
11	TOBA8	Char	1	8: Which cigarette hate to give up?
12	TOBA9	Char	1	9: Difficult to refrain from smoking
13	TOBA10	Char	1	10: Smoke when ill?
14	TOBA11	Num	8	11: Cigarettes smoke usually per day
15	TOBA12	Num	8	12: Years off cigarettes?
16	TOBA13	Char	1	13: How deeply do you inhale?
17	TOBA14	Char	1	14: Used any other Tobacco products?
18	TOBA15	Num	8	15: Total years smoked cigars?
19	TOBA16	Num	8	16: Cigars smoked per week?
20	TOBA17	Char	1	17: Currently smoke cigars?
21	TOBA18	Num	8	18: Total years smoked a pipe?
22	TOBA19	Num	8	19: Pipefuls smoked per week?
23	TOBA20	Char	1	20: Currently smoke a pipe?
24	TOBA21	Num	8	21: Total years used chewing Tobacco
25	TOBA22	Num	8	22: Pouches per week chewed?
26	TOBA23	Char	1	23: Currently use chewing Tobacco?
27	TOBA24	Num	8	24: Total years used snuff, dip, etc
28	TOBA25	Num	8	25: Cans per week typically used?
29	TOBA26	Char	1	26: Currently use dip or snuff?
30	TOBA27	Num	8	27: Hrs per wk in contact w/ smoke

**Data Set Name: *uldadv.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	lco_av45	Num	8	Average far wall CIMT for the left common carotid artery in millimeters
3	rco_av45	Num	8	Average far wall CIMT for the right common carotid artery in millimeters
4	lbo_av45	Num	8	Left Bifurcation Optimal Average Far Wall in millimeters
5	rbo_av45	Num	8	Right Bifurcation Optimal Average Far Wall in millimeters
6	lio_av45	Num	8	Left Internal Optimal Average Far Wall in millimeters
7	rio_av45	Num	8	Right Internal Optimal Average Far Wall in millimeters
8	lcl_av45	Num	8	Left Common Lateral Average Far Wall in millimeters
9	lca_av45	Num	8	Left Common Anterior Average Far Wall in millimeters
10	lcp_av45	Num	8	Left Common Posterior Average Far Wall in millimeters
11	rcl_av45	Num	8	Right Common Lateral Average Far Wall in millimeters
12	rca_av45	Num	8	Right Common Anterior Average Far Wall in millimeters
13	rcp_av45	Num	8	Right Common Posterior Average Far Wall in millimeters
14	lbo_mx45	Num	8	Left Bifurcation Optimal Maximum Far Wall in millimeters
15	rbo_mx45	Num	8	Right Bifurcation Optimal Maximum Far Wall in millimeters
16	lio_mx45	Num	8	Left Internal Optimal Maximum Far Wall in millimeters
17	rio_mx45	Num	8	Right Internal Optimal Maximum Far Wall in millimeters
18	lcl_mx45	Num	8	Left Common Lateral Maximum Far Wall in millimeters
19	lca_mx45	Num	8	Left Common Anterior Maximum Far Wall in millimeters
20	lcp_mx45	Num	8	Left Common Posterior Maximum Far Wall in millimeters
21	rcl_mx45	Num	8	Right Common Lateral Maximum Far Wall in millimeters
22	rca_mx45	Num	8	Right Common Anterior Maximum Far Wall in millimeters
23	rcp_mx45	Num	8	Right Common Posterior Maximum Far Wall in millimeters
24	lbo_av23	Num	8	Left Bifurcation Optimal Average Near Wall in millimeters
25	rbo_av23	Num	8	Right Bifurcation Optimal Average Near Wall in millimeters
26	lio_av23	Num	8	Left Internal Optimal Average Near Wall in millimeters
27	rio_av23	Num	8	Right Internal Optimal Average Near Wall in millimeters
28	lcl_av23	Num	8	Left Common Lateral Average Near Wall in millimeters
29	lca_av23	Num	8	Left Common Anterior Average Near Wall in millimeters
30	lcp_av23	Num	8	Left Common Posterior Average Near Wall in millimeters
31	rcl_av23	Num	8	Right Common Lateral Average Near Wall in millimeters
32	rca_av23	Num	8	Right Common Anterior Average Near Wall in millimeters
33	rcp_av23	Num	8	Right Common Posterior Average Near Wall in millimeters
34	lbo_mx23	Num	8	Left Bifurcation Optimal Maximum Near Wall in millimeters
35	rbo_mx23	Num	8	Right Bifurcation Optimal Maximum Near Wall in millimeters
36	lio_mx23	Num	8	Left Internal Optimal Maximum Near Wall in millimeters
37	rio_mx23	Num	8	Right Internal Optimal Maximum Near Wall in millimeters

Num	Variable	Type	Len	Label
38	lcl_mx23	Num	8	Left Common Lateral Maximum Near Wall in millimeters
39	lca_mx23	Num	8	Left Common Anterior Maximum Near Wall in millimeters
40	lcp_mx23	Num	8	Left Common Posterior Maximum Near Wall in millimeters
41	rcl_mx23	Num	8	Right Common Lateral Maximum Near Wall in millimeters
42	rca_mx23	Num	8	Right Common Anterior Maximum Near Wall in millimeters
43	rcp_mx23	Num	8	Right Common Posterior Maximum Near Wall in millimeters
44	plq01fw	Num	8	Whether or not far wall carotid plaque was observed within the 3cm region around on the tip of the flow divider evaluated by JHS sonographers and readers
45	plq01nw	Num	8	Whether or not near wall carotid plaque was observed within the 3cm region around on the tip of the flow divider evaluated by JHS sonographers and readers
46	pqs01fw	Num	8	Whether or not acoustic shadowing was present and associated with far wall carotid plaque in the 3cm region around on the tip of the flow divider
47	pqs01nw	Num	8	Whether or not acoustic shadowing was present and associated with near wall carotid plaque in the 3cm region around the tip of the flow divider
48	suwght45	Num	8	Weight representing the precision with which SUM45_1 is estimated for each individual
49	ccwght45	Num	8	weight representing the precision with which CCA45_1 is estimated
50	plq01	Num	8	Whether or not carotid plaque was observed within the 3 cm region around on the tip of the flow divider evaluated by JHS sonographers and readers
51	pqs01	Num	8	Whether or not acoustic shadowing was present and associated with carotid plaque in the 3 cm region around the tip of the flow divider evaluated by sonographer and reader
52	sum45_1	Num	8	Maximum likelihood estimate of the average far wall CIMT at the optimal
53	cca45_1	Num	8	Maximum likelihood estimate of average right and left common carotid far wall CIMT across circumferential views

**Data Set Name: wsia.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	WSIA1	Num	8	1: Had a job assignment overdue
4	WSIA2	Num	8	2: Bothered with red tape
5	WSIA3	Num	8	3: Argued with a co-worker
6	WSIA4	Num	8	4: Customers gave you a hard time
7	WSIA5	Num	8	5: Did poorly at a job, task, chore
8	WSIA6	Num	8	6: Hurried to meet a deadline
9	WSIA7	Num	8	7: Interrupted during job, task, etc.
10	WSIA8	Num	8	8: Someone spoiled completed job
11	WSIA9	Num	8	9: Did something not good at
12	WSIA10	Num	8	10: Unable to finish job, task, chore
13	WSIA11	Num	8	11: Unable to finish all plans for week
14	WSIA12	Num	8	12: Was late for work or appointment
15	WSIA13	Num	8	13: Was evaluated on performance
16	WSIA14	Num	8	14: Worked last or overtime
17	WSIA15	Num	8	15: Not enough money for basics
18	WSIA16	Num	8	16: Ran out of pocket money
19	WSIA17	Num	8	17: Had unexpected bills
20	WSIA18	Num	8	18: Had problems paying bills
21	WSIA19	Num	8	19: Not enough money for fun
22	WSIA20	Num	8	20: Problem obtaining ride
23	WSIA21	Num	8	21: Drove under bad conditions
24	WSIA22	Num	8	22: Had car trouble
25	WSIA23	Num	8	23: Had minor auto accident
26	WSIA24	Num	8	24: Argues w/ husband, wife, etc.
27	WSIA25	Num	8	25: Child misbehaved
28	WSIA26	Num	8	26: Child had school problems
29	WSIA27	Num	8	27: Minor illness of husband,wife,etc
30	WSIA28	Num	8	28: Husband/wife had problems at work
31	WSIA29	Num	8	29: Not enough time for family/friends
32	WSIA30	Num	8	30: Had crime in neighborhood
33	WSIA31	Num	8	31: Had household chores
34	WSIA32	Num	8	32: Had minor home repairs
35	WSIA33	Num	8	33: Had problems with neighbors
36	WSIA34	Num	8	34: Ran out of food/personal item
37	WSIA35	Num	8	35: Your property was damaged

Num	Variable	Type	Len	Label
38	WSIA36	Num	8	36: Store did not have something wanted
39	WSIA37	Num	8	37: Had problems with pet
40	WSIA38	Num	8	38: Heard a rumor about yourself
41	WSIA39	Num	8	39: Was told what to do
42	WSIA40	Num	8	40: Was lied to, fooled or tricked
43	WSIA41	Num	8	41: Was misunderstood, misquoted
44	WSIA42	Num	8	42: Had confrontation with authority
45	WSIA43	Num	8	43: Was criticized, verbally attacked
46	WSIA44	Num	8	44: Was around unpleasant people
47	WSIA45	Num	8	45: Had unexpected guests
48	WSIA46	Num	8	46: Did poorly because of others
49	WSIA47	Num	8	47: Was forced to socialize
50	WSIA48	Num	8	48: Someone broke a promise
51	WSIA49	Num	8	49: Someone broke an appointment
52	WSIA50	Num	8	50: Competed with someone
53	WSIA51	Num	8	51: Argued with a friend
54	WSIA52	Num	8	52: Not enough time to socialized
55	WSIA53	Num	8	53: Was ignored by others
56	WSIA54	Num	8	54: Had someone disagree with you
57	WSIA55	Num	8	55: Spoke or performed in public
58	WSIA56	Num	8	56: Was interrupted while talking
59	WSIA57	Num	8	57: Was stared at
60	WSIA58	Num	8	58: Someone "cut" in front of you
61	WSIA59	Num	8	59: Unable to express self clearly
62	WSIA60	Num	8	60: Had unwanted physical contact
63	WSIA61	Num	8	61: Dealt with rude salesperson
64	WSIA62	Num	8	62: Was without privacy
65	WSIA63	Num	8	63: Was excluded, left out
66	WSIA64	Num	8	64: Had too many responsibilities
67	WSIA65	Num	8	65: Had to make important decision
68	WSIA66	Num	8	66: Did not hear from someone
69	WSIA67	Num	8	67: Disturbed while trying to sleep
70	WSIA68	Num	8	68: Forgot something
71	WSIA69	Num	8	69: Heard some bad news
72	WSIA70	Num	8	70: Was clumsy
73	WSIA71	Num	8	71: Lost or misplaced something
74	WSIA72	Num	8	72: Had legal problems
75	WSIA73	Num	8	73: Waited longer than you wanted
76	WSIA74	Num	8	74: Did something you did not want to do

Num	Variable	Type	Len	Label
77	WSIA75	Num	8	75: Had to face a feared situation
78	WSIA76	Num	8	76: Had "pet peeve" violated
79	WSIA77	Num	8	77: Failed to understand something
80	WSIA78	Num	8	78: Had close escape from danger
81	WSIA79	Num	8	79: Had minor accident
82	WSIA80	Num	8	80: Someone borrowed something w/out asking
83	WSIA81	Num	8	81: Had minor injury
84	WSIA82	Num	8	82: Was physically uncomfortable
85	WSIA83	Num	8	83: Stopped unwanted habit
86	WSIA84	Num	8	84: Interrupted while relaxing
87	WSIA85	Num	8	85: Not enough time for fun
88	WSIA86	Num	8	86: Did poorly at sport or game
89	WSIA87	Num	8	87: Saw an upsetting TV show, etc

**Data Set Name: bcfa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	BCFA1A	Num	8	1A. Last time you had anything to drink, including water (Hours)
4	BCFA1B	Num	8	1B. Last time you had anything to drink, including water (Minutes)
5	BCFA2	Num	8	2. If you drink alcohol, have you had any alcoholic beverages in the last 48 hours
6	BCFA3	Num	8	3. Have you engaged in any moderate or vigorous physical activity within the past 12 hours
7	BCFA4	Num	8	4. Have you had a menstrual within the past two weeks
8	BCFA11	Num	8	11. Body Type (Tanita)
9	BCFA12A	Num	8	12A. Height in Feet (Tanita)
10	BCFA12B	Num	8	12B. Height in Inches (Tanita)
11	BCFA13	Num	8	13. Weight pounds (Tanita)
12	BCFA15	Num	8	15. Percent Body Fat % (Tanita)
13	BCFA16A	Num	8	16A. Basal Metabolic Rate kj (Tanita)
14	BCFA16B	Num	8	16B. Basal Metabolic Rate kcal (Tanita)
15	BCFA17	Num	8	17. Impedence (Tanita)
16	BCFA18	Num	8	18. Fat Mass % (Tanita)
17	BCFA19	Num	8	19. Fat free Mass pounds (Tanita)
18	BCFA20	Num	8	20. Total Body Water pounds (Tanita)
19	BCFA21A	Num	8	21A. Desirable Percent Body Mass Range (Bottom) %
20	BCFA21B	Num	8	21B. Desirable Percent Body Mass Range (Top) %
21	BCFA22A	Num	8	22A. Desirable Fat Mass Range (Bottom) %
22	BCFA22B	Num	8	22B. Desirable Fat Mass Range (Top) %
23	BCFA23	Num	8	23. Target Percent Body Fat %
24	BCFA24	Num	8	24. Predicted Fat Mass pounds
25	BCFA25	Num	8	25. Fat to lose pounds
26	BCFA5	Num	8	5. Waist girth (to the nearest inch)
27	BCFA6	Num	8	6. Hip girth (to the nearest inch)
28	BCFA7	Num	8	7. Was this participant's height, weight and BMI measured
29	BCFA8A	Num	8	8A. Standing height (Balance Beam)
30	BCFA9	Num	8	9. Weight pounds
31	BCFA8B	Num	8	8B. Height in Inches (Balance Beam)
32	BCFAflag	Num	8	Data record present?
33	VERS	Char	1	FORM VERSION

**Data Set Name: cenb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	VERS	Char	1	FORM VERSION
4	CHR	Num	8	Chr: Total Cholesterol - mg/dL
5	CRDUR	Num	8	Crdur: Creatinine, Urine - mg/dL
6	CRPHS2	Num	8	Crphs2: C-Reactive Protein, High Sensitivity - mg/L
7	GLUR	Num	8	Glucose - mg/dL
8	GLYHB	Num	8	Glyhb: Hemoglobin A1c - %
9	HDLC	Num	8	Hdlc: HDL Cholesterol - mg/dL
10	LDLC	Num	8	Ldlc: HDL Cholesterol - mg/dL
11	TRR	Num	8	Trr: Triglyceride - mg/dL
12	UMALCR	Num	8	Ratio of Albumin(mg) to creatinine(g) - mg/g Cr
13	UMALI	Num	8	Albumin, Urine - mg/L
14	umali_cresult	Char	60	Umali_cresult: Character Results for Albumin
15	cenbflag	Num	8	Lab Record Present Flag



**Data Set Name: csta.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	CSTA4	Num	8	4. Size of Region of Interest Used for Calibration
4	CSTA5	Num	8	5. Number of Calibration standards, Typically 3
5	CSTA6	Num	8	6. Known Value of Rod 1 = 0 mg/cc
6	CSTA7	Num	8	7. Known Value of Rod 2 = 75 mg/cc
7	CSTA8	Num	8	8. Known Value of Rod 3 = 150 mg/cc
8	CSTA9	Num	8	9. Measured Value [CT Numbers or H.U.] of Rod 1
9	CSTA10	Num	8	10. Measured Value [CT Numbers or H.U.] of Rod 2
10	CSTA11	Num	8	11. Measured Value [CT Numbers or H.U.] of Rod 3
11	CSTA12	Num	8	12. Slope of Regression Fit
12	CSTA13	Num	8	13. Intercept of Regression
13	CSTA14	Num	8	14. Least Squares
14	CSTA15	Num	8	15. No. of Lesions Left Main
15	CSTA16	Num	8	16. No. of Lesions Left Anterior Descending
16	CSTA17	Num	8	17. No. of Lesions Left Circumflex
17	CSTA18	Num	8	18. No. of Lesions Right Coronary
18	CSTA19	Num	8	19. No. of Lesions All Coronary (does not include others)
19	CSTA20	Num	8	20. Agatston Score Left Main
20	CSTA21	Num	8	21. Agatston Score Left Anterior Descending
21	CSTA22	Num	8	22. Agatston Score Left Circumflex
22	CSTA23	Num	8	23. Agatston Score Right Coronary
23	CSTA24	Num	8	24. Agatston Score All Coronary (does not include others)
24	CSTA25	Num	8	25. Volume of Lesions Left Main
25	CSTA26	Num	8	26. Volume of Lesions Left Anterior Descending
26	CSTA27	Num	8	27. Volume of Lesions Left Circumflex
27	CSTA28	Num	8	28. Volume of Lesions Right Coronary
28	CSTA29	Num	8	29. Volume of Lesions All Coronary (does not include others)
29	CSTA30	Num	8	30. Mean of Lesions Left Main (the max)
30	CSTA31	Num	8	31. Mean of Lesions Left Anterior Descending
31	CSTA32	Num	8	32. Mean of Lesions Left Circumflex
32	CSTA33	Num	8	33. Mean of Lesions Right Coronary
33	CSTA34	Num	8	34. Mean of Lesions All Coronary (does not include others)
34	CSTA35	Num	8	35. Calcium Mass of Lesions Left Main
35	CSTA36	Num	8	36. Calcium Mass of Lesions Left Anterior Descending
36	CSTA37	Num	8	37. Calcium Mass of Lesions Left Circumflex
37	CSTA38	Num	8	38. Calcium Mass of Lesions Right Coronary

Num	Variable	Type	Len	Label
38	CSTA39	Num	8	39. Calcium Mass of Lesions All Coronary (does not include others)
39	CSTA40	Num	8	40. Quality Variable [0=NA, 1=poor, 2=fair, 3=good], Analyst Subjective Rating of Scan coverage
40	CSTA41	Num	8	41. Quality Variable, Analyst Subjective Rating of Placement of QCT Phantom
41	CSTA42	Num	8	42. Quality Variable, Analyst Subjective Rating of Image Noise Level
42	CSTA43	Num	8	43. Quality Variable, Analyst Subjective Rating of Streak Artifacts Related to Motion Unsharpness
43	CSTA44	Num	8	44. Quality Variable, Analyst Subjective Rating of Mis-Registration
44	CSTA45	Num	8	45. Quality Variable, Analyst Subjective Rating of Other Artifacts
45	CSTA46	Num	8	46. Quality Variable [0,1,2,3,4,5 with 5 excellent], Analyst Subjective Rating of Overall Series Quality
46	CSTA47	Char	1	47. Heart Selected for QC Review (yes/no)
47	CSTA48	Char	1	48. Flag Variable for Reader Identified Calcified Plaque, not scoreable by minimum lesion criteria
48	CSTA49	Char	1	49. Flag Variable for Uninterpretable/Studies which cannot be Analyzed
49	CSTA50	Char	1	50. Flag Variable yes/no for Reader Identified Ascending aorta Calcified Plaque
50	CSTA51	Num	8	51. Size of Region of Interest used for Calibration
51	CSTA52	Num	8	52. Number of Calibration Standards, Typically 3
52	CSTA53	Num	8	53. Known Value of Rod 1 = 0 mg/cc
53	CSTA54	Num	8	54. Known Value of Rod 2 = 75 mg/cc
54	CSTA55	Num	8	55. Known Value of Rod 3 = 150 mg/cc
55	CSTA56	Num	8	56. Measured Value [CT Numbers or H.U.] of Rod 1
56	CSTA57	Num	8	57. Measured Value [CT Numbers or H.U.] of Rod 2
57	CSTA58	Num	8	58. Measured Value [CT Numbers or H.U.] of Rod 3
58	CSTA59	Num	8	59. Slope of Regression Fit
59	CSTA60	Num	8	60. Intercept of Regression
60	CSTA61	Num	8	61. Least Squares
61	CSTA62	Num	8	62. No. of Lesions infrarenal abd. aorta
62	CSTA63	Num	8	63. No. of Lesions Left Common Iliac
63	CSTA64	Num	8	64. No. of Lesions Right Common Iliac
64	CSTA65	Num	8	65. No. of Lesions aorto-iliac
65	CSTA66	Num	8	66. Agatston Score Infrarenal abd. aorta
66	CSTA67	Num	8	67. Agatston Score Left Common Iliac
67	CSTA68	Num	8	68. Agatston Score Right Common Iliac
68	CSTA69	Num	8	69. Agatston Score aorto-iliac
69	CSTA70	Num	8	70. Volume of Lesions infrarenal abd. aorta
70	CSTA71	Num	8	71. Volume of Lesions Left Common Iliac
71	CSTA72	Num	8	72. Volume of Lesions Right Common Iliac
72	CSTA73	Num	8	73. Volume of Lesions aorto-iliac
73	CSTA74	Num	8	74. Mean of Lesions infrarenal abd. aorta
74	CSTA75	Num	8	75. Mean of Lesions Left Common Iliac
75	CSTA76	Num	8	76. Mean of Lesions Right Common Iliac
76	CSTA77	Num	8	77. Mean of Lesions aorto-iliac

Num	Variable	Type	Len	Label
77	CSTA78	Num	8	78. Calcium Mass of Lesions infrarenal abd. aorta
78	CSTA79	Num	8	79. Calcium Mass of Lesions Left Common Iliac
79	CSTA80	Num	8	80. Calcium Mass of Lesions Right Common Iliac
80	CSTA81	Num	8	81. Calcium Mass of Lesions aorto-iliac
81	CSTA82	Num	8	82. Quality Variable [0=NA, 1=poor, 2=fair, 3=good], Analyst Subjective Rating of Scan Coverage
82	CSTA83	Num	8	83. Quality Variable, Analyst Subjective Rating of Placement of QCT phantom
83	CSTA84	Num	8	84. Quality Variable, Analyst Subjective Rating of Image Noise Level
84	CSTA85	Num	8	85. Quality Variable, Analyst Subjective Rating of Streak Artifacts Related to Motion Unsharpness
85	CSTA86	Num	8	86. Quality Variable, Analyst Subjective Rating of Mis-Registration
86	CSTA87	Char	1	87. Quality Variable, Analyst Subjective Rating of Other Artifacts
87	CSTA88	Char	1	88. Quality Variable [0,1,2,3,4,5 with 5 excellent], Analyst Subjective Rating of Overall Series Quality
88	CSTA89	Char	1	89. Aorta Exam Selected for QC Review (yes/no)
89	CSTA90	Char	1	90. Flag Variable for Reader Identified Calcified Plaque, not scoreable by minimum lesion criteria
90	CSTA91	Char	1	91. Flag Variable for Uninterpretable/Studies which cannot be Analyzed
91	CSTA92	Char	1	92. Evidence of Medical/Surgical Intervention of CT Images (yes/no)
92	CSTA93	Char	1	93. Coronary Artery bypass Graft (y/n)
93	CSTA94	Char	1	94. Pacemaker Identified (y/n)
94	CSTA95	Char	1	95. Coronary stent (y/n): The majority of stents may not be identified by simply reviewing the Images and this is an underestimate
95	CSTA96	Char	1	96. Cardiac Valvular Surgery (y/n)
96	CSTA97	Char	1	97. Other Surgery/Intervention (y/n)
97	CSTA98	Num	8	98. Image Slice Number at which L4-5 is located in Abdomen Scan
98	CSTA99	Num	8	99. Image Slice Number at which Abdominal Fat measurements begin
99	CSTA100	Num	8	100. Image Slice Number at which Abdominal Fat measurements end
100	CSTA101	Num	8	101. Total Fat Volume for 50mm of Abdomen
101	CSTA102	Num	8	102. Visceral and intramuscle Fat Volume for 50mm of Abdomen
102	CSTA103	Num	8	103. Visceral Fat Volume for 50mm of Abdomen
103	CSTA104	Num	8	104. Total Volume for 50mm of Abdomen
104	CSTA105	Num	8	105. Image Slice Number at which L4-5 is located in Abdomen Scan
105	CSTA106	Num	8	106. Image Slice Number at which Abdominal Fat measurements begin
106	CSTA107	Num	8	107. Image Slice Number at which Abdominal Fat measurements end
107	CSTA108	Num	8	108. Total Fat Volume for 10mm of Abdomen
108	CSTA109	Num	8	109. Visceral and intramuscle Fat Volume for 10mm of Abdomen
109	CSTA110	Num	8	110. Visceral Fat Volume for 10mm of Abdomen
110	CSTA111	Num	8	111. Total Volume for 10mm of Abdomen
111	CSTA112	Num	8	112. Coronary Scan phantom Region of interest at LM 0 port mean
112	CSTA113	Num	8	113. Coronary Scan phantom Region of interest at LM 0 port standard deviation
113	CSTA114	Num	8	114. Abdomen Scan phantom Region of interest at bifurcation 0 port mean
114	CSTA115	Num	8	115. Abdomen Scan phantom Region of interest at bifurcation 0 port standard deviation

Num	Variable	Type	Len	Label
115	CSTAflag	Num	8	Data record present?
116	VERS	Char	1	FORM VERSION
117	CSTA2	Num	8	2. Date of CT Scan in Dicom Header

***Data Set Name: formats.sas7bdat***

Num	Variable	Type	Len	Label
1	FMTNAME	Char	32	Format name
2	START	Char	16	Starting value for format
3	END	Char	16	Ending value for format
4	LABEL	Char	80	Format value label
5	MIN	Num	3	Minimum length
6	MAX	Num	3	Maximum length
7	DEFAULT	Num	3	Default length
8	LENGTH	Num	3	Format length
9	FUZZ	Num	8	Fuzz value
10	PREFIX	Char	2	Prefix characters
11	MULT	Num	8	Multiplier
12	FILL	Char	1	Fill character
13	NOEDIT	Num	3	Is picture string noedit?
14	TYPE	Char	1	Type of format
15	SEXCL	Char	1	Start exclusion
16	EEXCL	Char	1	End exclusion
17	HLO	Char	13	Additional information
18	DECSEP	Char	1	Decimal separator
19	DIG3SEP	Char	1	Three-digit separator
20	DATATYPE	Char	8	Date/time/datetime?
21	LANGUAGE	Char	8	Language for date strings

**Data Set Name: fsta.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	FSTA1	Num	8	1.Do you have any bleeding disorders?
4	FSTA3B	Num	8	Time of finger stick- hour
5	FSTA3C	Num	8	Time of finger stick- min
6	FSTA4	Num	8	4. Number of finger stick attempts
7	FSTA5	Num	8	5. Glucose
8	FSTA6	Num	8	6. Cholesterol
9	FSTA7	Num	8	7.Triglycerides
10	FSTA8	Num	8	8.HDL
11	FSTA9	Num	8	9.LDL
12	FSTA10	Num	8	10. Non HDL
13	FSTAflag	Num	8	Data record present?
14	VERS	Char	1	FORM VERSION

*Data Set Name: ftrv.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	ftrv5a	Num	8	5a. Computed fasting time
3	ftrv5b	Num	8	5b.Computed Minutes

**Data Set Name: hhxa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	HHXA1	Num	8	1.Compared to other people your age,would you say your health is excellent,good,fair, poor
4	HHXA2	Num	8	2.Since this time last year, would you say your health is :
5	HHXA3A	Num	8	3a.What was your weight at birth? Pounds
6	HHXA3B	Num	8	3b.Ounces
7	HHXA4A	Num	8	4a.Were you breast fed?
8	HHXA4B	Num	8	4b.For how long
9	HHXA5A	Num	8	5a.Have you ever had a tubal-ligation
10	HHXA5B	Num	8	5b.How old were you when you had a tubal-ligation
11	HHXA6	Num	8	6.Are you currently pregnant
12	HHXA7	Num	8	7.Have you ever had a vasectomy
13	HHXA8A	Num	8	8a.High blood pressure or hypertension
14	HHXA8B	Num	8	8b.How old were you when you were told tha t you had high BP or hypertension
15	HHXA14A	Num	8	14a. Cancer
16	HHXA14B	Num	8	14b. How old were you when you were told that you had cancer
17	HHXA15A	Num	8	15a. Chronic lung disease (other than asthma)m such as COPD, bronchitis, or emphysema
18	HHXA15B	Num	8	15b. How old were you when you were told that you had chronic lung disease
19	HHXA16A	Num	8	16a. Asthma
20	HHXA16B	Num	8	16b. How old were you when you were told that you has asthma
21	HHXA9A	Num	8	9A. High blood cholesterol
22	HHXA9B	Num	8	9b. How old were you when you were told that you had high blood cholesterol
23	HHXA10A	Num	8	10a. Heart attack?
24	HHXA10B	Num	8	10B. How old were you when you were told that you had a heart attack
25	HHXA11A	Num	8	11a. Stroke
26	HHXA11B	Num	8	11b. How old were you when you were told that you had a stroke
27	HHXA12A	Num	8	12a. Sugar in the blood or diabetes?
28	HHXA12B	Num	8	12b. How old were you when you were told that you had sugar in the blood or diabetes
29	HHXA13A	Num	8	13a. Kidney problem
30	HHXA13B	Num	8	13b. How old were you when you were told that you had a kidney problem
31	HHXA20	Num	8	20.What did you weigh when you were age 18
32	HHXA21	Num	8	21.Do you consider yourself now to be overweight, underweight, or about the right weight
33	HHXA22	Num	8	22.Have you ever been on a diet to lose weight
34	HHXA22A	Num	8	22a.Are you on such diet now
35	HHXA23	Num	8	23.During the past month, other than your regular job, did you do any other exercises
36	HHXA23A	Num	8	23a. When you are excercising in your usual fashion, how would you rate your exertion
37	HHXA24	Num	8	24. During the past year, how often did you watch television



Num	Variable	Type	Len	Label
38	HHXA17A	Num	8	17a. A blood circulation problem
39	HHXA17B	Num	8	17b. How old were you when your were told that you had a blodd circulation problem
40	HHXA18A	Num	8	18a. Have you stayed overnight as a patient in a hospital during the past year
41	HHXA18B	Char	32	18b. Reason
42	HHXA19	Num	8	19. What is the most that you have ever weighed
43	HHXA19A	Num	8	19a.How old were you when you weighed this much
44	HHXA25	Num	8	25.When was the last time you saw a health care provider for treatment of a med problem
45	HHXA26	Num	8	26. When was the last time you saw a health care provider for a routine exam
46	HHXA27	Num	8	27.Overall how hard has it been for you to get the health services you have needed
47	HHXAflag	Num	8	Data record present?
48	VERS	Char	1	FORM VERSION

*Data Set Name: medcodes.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	tccode	Char	14	Therapeutic classification code
3	medconc	Char	200	med concentration
4	tcname	Char	59	Therapeutic classification Name
5	AHFSCODE	Num	8	American Hospital Formulary Service Drug Information

**Data Set Name: *mhxb.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MHXB1	Num	8	1. You are told that you snore loudly and bother others
4	MHXB2	Num	8	2. You are told that you stop breathing ("hold your breath") in sleep
5	MHXB3	Num	8	3. You fall asleep during the day, particularly when not busy
6	MHXB4	Num	8	4. You are tired after sleeping
7	MHXB5	Num	8	5. You feel sleepy or fall asleep while driving
8	MHXB6	Num	8	6. During the past month, how would you rate your sleep quality overall?
9	MHXB7	Num	8	7. During the past month, excluding naps, how many hours of actual sleep did you get at night (or day, if you work at night) on average?
10	MHXB8	Num	8	8. Have you ever had any pain or discomfort in your chest since your last JHS exam ?
11	MHXB9	Num	8	9. Do you get it when you walk uphill or hurry?
12	MHXB10	Num	8	10. Do you get it when you walk at an ordinary pace on the level?
13	MHXB11	Num	8	11. What do you do if you get it while you are walking?
14	MHXB12	Num	8	12. If you stand still, what happens to it?
15	MHXB13	Num	8	13. How soon?
16	MHXB14A	Num	8	14a. Sternum (upper or middle)
17	MHXB14B	Num	8	14b. Sternum (lower)
18	MHXB14C	Num	8	14c. Left anterior chest
19	MHXB14D	Num	8	14d. Left arm
20	MHXB14E	Num	8	14e. Other
21	MHXB15	Num	8	15. Do you feel it anywhere else?
22	MHXB16	Num	8	16. Did you see a doctor because of this pain or discomfort?
23	MHXB17	Num	8	17. What did the doctor say it was?
24	MHXB18	Num	8	18. Have you been hospitalized because of this pain?
25	MHXB19	Num	8	19. How long ago did you start getting this pain? Within the past:
26	MHXB20	Num	8	20. Within the past 2 months, has your chest discomfort occurred more often?
27	MHXB21	Num	8	21. Has it occurred at least twice as often as before?
28	MHXB22	Num	8	22. Within the past 2 months, has the pain become more severe?
29	MHXB23	Num	8	23. Within the past 2 months, has the pain lasted longer when it occurs?
30	MHXB24	Num	8	24. Do you ever use nitroglycerin to relieve the pain?
31	MHXB25	Num	8	25. Within the past 2 months, has the pain required more nitroglycerin to relieve it?
32	MHXB26	Num	8	26. Within the past 2 months, have you started getting the pain with less exertion?
33	MHXB27	Num	8	27. Within the past 2 months have you started getting the pain when sitting still?
34	MHXB28	Num	8	28. Within the past 2 months, have you started getting the pain when sleeping?
35	MHXB29	Num	8	29. Have you ever had a severe pain across the front of your chest lasting for half an hour or more?
36	MHXB30	Num	8	30. Did you see a doctor because of this pain?

Num	Variable	Type	Len	Label
37	MHXB31	Num	8	31. What did the doctor say it was?
38	MHXB32	Num	8	32. Have you ever had a heart attack for which you were hospitalized one week or more?
39	MHXB33	Num	8	33. How many such attacks have you had?
40	MHXB34	Num	8	34. How old were you when you had your (first) heart attack?
41	MHXB35	Num	8	35. Have you ever had a test in which you were asked to exercise while an electrocardiogram was taken?
42	MHXB36	Num	8	36. Were you told that the results were normal or abnormal?
43	MHXB37	Num	8	37. Do you get pain in either leg on walking?
44	MHXB38	Num	8	38. Does this pain ever begin when you are standing still or sitting?
45	MHXB39	Num	8	39. In what part of your leg do you feel it?
46	MHXB40	Num	8	40. Do you get it if you walk uphill or hurry?
47	MHXB41	Num	8	41. Do you get it if you walk at an ordinary pace on the level?
48	MHXB42	Num	8	42. Does the pain ever disappear while you are walking?
49	MHXB43	Num	8	43. What do you do if you get it when you are walking?
50	MHXB44	Num	8	44. What happens to it if you stand still?
51	MHXB45	Num	8	45. How soon?
52	MHXB46	Num	8	46. Were you hospitalized for this problem in your legs?
53	MHXB47	Num	8	47. Have you had to sleep on 2 or more pillows to help you breathe?
54	MHXB48	Num	8	48. Have you been awakened at night by trouble breathing?
55	MHXB49	Num	8	49. Have you had swelling of your feet or ankles (excluding during pregnancy)?
56	MHXB50	Num	8	50. Did it tend to come on during the day and go down overnight?
57	MHXB51	Num	8	51. Have you had surgery on your heart, or the arteries of your neck or legs, excluding surgery for varicose veins?
58	MHXB52A	Num	8	52a. Coronary bypass
59	MHXB52B1	Num	8	52b1. Other heart procedure
60	MHXB52C	Num	8	52c. Carotid endarterectomy
61	MHXB52D	Num	8	52d. Site
62	MHXB52E1	Num	8	52e1. Other arterial revascularization or bypass
63	MHXB52F	Num	8	52f. Any other type of surgery on your heart or the arteries of your neck or legs?
64	MHXB53	Num	8	53. Have you had a balloon angioplasty on the arteries of your heart, neck, or legs?
65	MHXB54A	Num	8	54a. Angioplasty of the coronary arteries
66	MHXB54B	Num	8	54b. Angioplasty in the arteries of your neck
67	MHXB54C	Num	8	54c. Angioplasty of lower extremity arteries
68	MHXB55A	Num	8	55a. Heart catheterization
69	MHXB55B	Num	8	55b. Carotid artery catheterization
70	MHXB55C1	Num	8	55c1. Other arterial catheterization
71	MHXB55A1	Num	8	55a1. What was the reason for this procedure?
72	MHXB55C3	Num	8	55c3. What was the reason for this procedure
73	MHXB56A	Num	8	56a. Echocardiogram
74	MHXB56B	Num	8	56b. Electrocardiogram

Num	Variable	Type	Len	Label
75	MHXB56C	Num	8	56c. Treadmill or cardiac stress test
76	MHXB56A1	Num	8	56a1. What was the reason for this procedure
77	MHXB56B1	Num	8	56b1. What was the reason for this procedure
78	MHXB56C1	Num	8	56c1. What was the reason for this procedure?
79	MHXB56D	Num	8	56d. MRI exam of the brain?
80	MHXB56D1	Num	8	56d1. What was the reason for this procedure
81	MHXBflag	Num	8	Data record present?
82	VERS	Char	1	FORM VERSION

**Data Set Name: *mrrib.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MRIB2	Num	8	2. Mrv Ejection Fraction in (%)
4	MRIB3	Num	8	3. Mrv End Diastolic Volume in (mL)
5	MRIB4	Num	8	4. Mrv End Systolic Volume in (mL)
6	MRIB5	Num	8	5. Mrv Stroke Volume in (mL)
7	MRIB6	Num	8	6. Mrv Left Ventricle Myocardial Mass at End Diastole in (grams)
8	MRIB7	Num	8	7. Qmass Ejection Fraction in (%)
9	MRIB8	Num	8	8. Qmass End Diastolic Volume in (mL)
10	MRIB9	Num	8	9. Qmass End Systolic Volume in (mL)
11	MRIB10	Num	8	10. Qmass Stroke Volume in (mL)
12	MRIB11	Num	8	11. Qmass Left Ventricle Myocardial Mass at End Diastole in (grams)
13	MRIB12	Num	8	12. CIM Ejection Fraction in (%)
14	MRIB13	Num	8	13. CIM End Diastolic Volume in (mL)
15	MRIB14	Num	8	14. CIM End Systolic Volume in (mL)
16	MRIB15	Num	8	15. CIM Stroke Volume in mL
17	MRIB16	Num	8	16. CIM Left Ventricular Myocardial Mass in (grams)
18	MRIB17	Num	8	17. CIM Left Ventricle Myocardial Mass in (mL)
19	MRIB18	Num	8	18. MIMP Pulse Wave Velocity Aortic Arch in (m/sec)
20	MRIB19	Char	50	19. MIMP Pulse Wave Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
21	MRIB20	Num	8	20. MIMP Pulse Wave Velocity Aortic Arch ascending to descending in (m/sec)
22	MRIB21	Char	50	21. MIMP Pulse Wave Velocity Aortic Arch ascending to descending Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
23	MRIB22	Num	8	22. MIMP Pulse Wave Velocity Aortic Arch ascending to descending (combined pwvarch (18) and pwvasc2desc (20)) in (m/sec)
24	MRIB23	Char	50	23. MIMP Pulse Wave Velocity Aortic Arch ascending to descending (Combined) Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
25	MRIB24	Num	8	24. MIMP Pulse Wave Velocity Aorta diaphragm to bifurcation in (m/sec)
26	MRIB25	Char	50	25. MIMP Pulse Wave Velocity Aorta diaphragm to bifurcation Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
27	MRIB26	Num	8	26. MIMP Pulse wave Velocity Aorta descending to diaphragm in (m/sec)
28	MRIB27	Char	50	27. MIMP Pulse wave Velocity Aorta descending to diaphragm Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
29	MRIB29	Char	50	29. MIMP Pulse Wave Velocity Aorta ascending to bifurcation Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
30	MRIB30	Num	8	30. Mean wall Thickness Ascending Arch in (mm)
31	MRIB31	Num	8	31. Mean Wall Thickness Descending Arch in (mm)
32	MRIB32	Num	8	32. Mean Wall Thickness Diaphragm in (mm)

Num	Variable	Type	Len	Label
33	MRIB33	Num	8	33. Mean Wall Thickness Bifurcation in (mm)
34	MRIB34	Num	8	34. Mean Wall Thickness Renal in (mm)
35	MRIB35	Num	8	35. Mean Peak Systolic Eularian Strain (Ecc), midwall, averaged for level base, mid & apex, and segment; left ventricle(Overall) in (%)
36	MRIB36	Num	8	36. Mean Peak Systolic Eularian Strain (Ecc), midwall, averaged for level base; left ventricle(Base) in (%)
37	MRIB37	Num	8	37. Mean Peak Systolic Eularian Strain (Ecc), midwall, averaged for level mid; left ventricle(Mid) in (%)
38	MRIB38	Num	8	38. Mean Peak Systolic Eularian Strain (Ecc), midwall, averaged for level apex; left ventricle(Apex) in (%)
39	MRIB40	Num	8	40. JHS Visit: v2=06, v3=09 where v2 date prior to 01/01/2009
40	MRIB48	Char	50	48. Clinical Report Status
41	MRIB49	Char	50	49. MRV Status
42	MRIB50	Char	50	50. HARP Status
43	MRIB51	Char	50	51. MIMP Status
44	MRIB52	Char	50	52. QMASS Status
45	MRIB53	Char	50	53. CIM Status
46	MRIB54	Char	50	54. Contrast Status
47	MRIBflag	Num	8	Data record present?
48	VERS	Char	1	FORM VERSION
49	MRIB39	Num	8	39. Date of MRI scan in dicom header (mmddyyyy)

**Data Set Name: msrb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MSRB1	Num	8	1. Have you taken any medications in the past two weeks
4	MSRB2	Num	8	2. Did you bring all the medications you used in the past
5	MSRB3A	Num	8	3a. Could we follow up on this after the visit so that we
6	MSRB29A	Num	8	29a. High blood pressure?
7	MSRB29B	Num	8	29b. High blood cholesterol?
8	MSRB29C	Num	8	29c. Angina or chest pain?
9	MSRB29D	Num	8	29d. Control of heart rhythm?
10	MSRB29E	Num	8	29e. Heart failure?
11	MSRB29F	Num	8	29f. Blood thinning?
12	MSRB29G	Num	8	29g. Diabetes or high blood sugar?
13	MSRB29H	Num	8	29h. Stroke?
14	MSRB29I	Num	8	29i. Leg pain when walking?
15	MSRB30A	Num	8	30a. You were in a hurry, too busy, or forgot
16	MSRB30B	Num	8	30b. It was inconvenient, for example, the medication needed to be refrigerated
17	MSRB30C	Num	8	30c. You thought the medication wouldn't do you any good
18	MSRB30D	Num	8	30d. The medication made you feel bad
19	MSRB30E	Num	8	30e. If you took the medication, you wouldn't be able to carry out your normal activities
20	MSRB30F	Num	8	30f. You thought you might become addicted or hooked on the medication
21	MSRB30G	Num	8	30g. You don't like to take medicine
22	MSRB30H	Num	8	30h. You were trying to do without it
23	MSRB30J	Num	8	30j. You did not have the medication available
24	MSRB30K	Num	8	30k. Are there any other reasons why you haven't taken the prescribed medication
25	MSRB31	Num	8	31. During the past two weeks, did you take any aspirin,
26	MSRB32	Num	8	32. Are you NOW taking aspirin, or a medicine containing aspirin
27	MSRB33A	Num	8	33a. What is the strength of aspirin in the pill? [CHECK THE
28	MSRB33B	Num	8	33b. How many days a week, on average, are you taking this medication?
29	MSRB33C	Num	8	34c. How many pills are you taking per week, on average?
30	MSRB33D	Num	8	33d. For what purpose are you taking this medication?
31	MSRB33E	Char	7	33e. When did you start taking aspirin, or a medicine containing aspirin, on a regular basis?
32	MSRB34A	Num	8	34a. Except for aspirin or Tylenol, are you NOW taking other non-steroidal
33	MSRB34B	Num	8	34b. What is the brand name of the medicine?
34	MSRB34D	Num	8	34d. How many pills per week are you taking, on average?
35	MSRB34E	Char	7	35e. When did you start taking [INSERT NAME] on a regular basis?
36	MSRB35A	Num	8	35a. Vinegar?
37	MSRB35B	Num	8	35b. How many days during the past 2 weeks?



Num	Variable	Type	Len	Label
38	MSRB36A	Num	8	36a. Epsom salts?
39	MSRB36B	Num	8	36b. How many days during the past 2 weeks?
40	MSRB37A	Num	8	37a. Lemon juice or lemon?
41	MSRB37B	Num	8	37b. How many days during the past 2 weeks?
42	MSRB38A	Num	8	38a. Garlic?
43	MSRB38B	Num	8	38b. How many days during the past 2 weeks?
44	MSRB39A	Num	8	39a. Teas?
45	MSRB39B	Num	8	39b. How many days during the past 2 weeks?
46	MSRB40A	Num	8	40a. Roots?
47	MSRB40B	Num	8	40b. How many days during the past 2 weeks?
48	MSRB41A	Num	8	41a. Have you taken any other home remedies, teas, roots in the past two weeks
49	MSRB41B	Num	8	41b. How many days during the past 2 weeks?
50	MSRB42A	Num	8	42a. Have you ever used any other home remedies, teas, or other medicines
51	MSRB42B	Num	8	42b. Was this for your heart or for other symptoms?
52	MSRB42D	Num	8	42d. About how often would you say you have used any of these remedies
53	MSRBflag	Num	8	Data record present?
54	VERS	Char	1	FORM VERSION

**Data Set Name: rdfa.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	RDFA1A	Num	8	1a. Burning or difficulty urinating
4	RDFA1B	Num	8	1b. Urgency of urination, that is , you can not hold it
5	RDFA1C	Num	8	1c. Uncontrolled, or constant urination
6	RDFA1D	Num	8	1d. More frequent urination, particularly at night (when not taking diuretics or water pills
7	RDFA1E	Num	8	1e. Foam in the toilet after urination
8	RDFA1F	Num	8	1f. Puffiness around your eyes or swelling of both hands and feet
9	RDFA1G	Num	8	1g. Pain in the small of your back just below the ribs (not caused by movement)
10	RDFA1H	Num	8	1h. Difficulty emptying your bladder
11	RDFA2A	Num	8	2a. Kidney stone
12	RDFA2B	Num	8	2b. Frequent bladder or urinary tract infections
13	RDFA2C	Num	8	2c. Anemia (low blood count)
14	RDFA2D	Num	8	2d. Autoimmune disease , such as lupus
15	RDFA2E	Num	8	2e. Polycystic kidney disease
16	RDFA2F	Num	8	2f. Venereal disease (Chlamydia, syphilis, or gonorrhea
17	RDFA2G	Num	8	2g. Kidney damage due to dehydration
18	RDFA2H	Num	8	2h. Protein in your urine
19	RDFA2I	Num	8	2i. Blood in your urine
20	RDFA3	Num	8	3. Are you now, or have you ever been on kidney dialysis or kidney machine
21	RDFA4A	Num	8	4a. In total, how many years and months, were you on/have been on dialysis
22	RDFA5	Num	8	5. Have you ever been evaluated to recieve a kidney tranplant
23	RDFA6	Num	8	6. Since your last JHS exam, have you been told that you have kidney disease
24	RDFA2J	Num	8	2j. Temporary or acute renal failure or damage
25	RDFA2K	Num	8	2k. Chronic or ongoing renal insufficiency or damage (e.g. not requiring dialysis)
26	RDFA4	Num	8	4. Were you or have you ever been on kidney dialysis for more than one month
27	RDFAflag	Num	8	Data record present?
28	VERS	Char	1	FORM VERSION

**Data Set Name: *sbpb.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	SBPB1	Num	8	1. Room Temperature (degrees centigrade)
4	SBPB2	Num	8	2. Have you smoked or used chewing tobacco, nicotine gum or snuff today or do you wear a nicotine patch?
5	SBPB3A	Num	8	3a. Time last smoked or used Tobacco (Hours)
6	SBPB3B	Num	8	3b. Time last smoked or used Tobacco (Minutes)
7	SBPB4	Num	8	4. Have you had any caffeinated beverages, such as coffee, tea, or colas or chocolate today?
8	SBPB5A	Num	8	5a. Time of use (Hours)
9	SBPB5B	Num	8	5b. Time of use (Minutes)
10	SBPB6	Num	8	6. Have you participated in any intense physical activity in the past 2 hours?
11	SBPB7	Num	8	7. Do you take any medications for high blood pressure?
12	SBPB7A	Num	8	7a. Have you taken your blood pressure medication in the past 2 hours?
13	SBPB8	Num	8	8. Right arm Circumference (cm)
14	SBPB9	Num	8	9. Cuff size (cm)
15	SBPB10	Num	8	10. Heart rate in 30 seconds
16	SBPB11A	Num	8	11a. Time of day Hours
17	SBPB11B	Num	8	11b. Time of day Minutes
18	SBPB12	Num	8	12. The participants blood pressure was determined by?
19	SBPB13	Num	8	13. Pulse Obliteration Pressure (Random Zero Measurement)
20	SBPB14	Num	8	14. Maximun zero (Random Zero Measurement)
21	SBPB15	Num	8	15. Peak Inflation Level (Random Zero Measurement)
22	SBPB16	Num	8	16. Systolic (1st Random Zero Measurement)
23	SBPB17	Num	8	17. Diastolic (1st Random Zero Measurement)
24	SBPB18	Num	8	18. Zero Reading (1st Random Zero Measurement)
25	SBPB19	Num	8	19. Systolic (2nd Random Zero Measurement)
26	SBPB20	Num	8	20. Diastolic (2nd Random Zero Measurement)
27	SBPB21	Num	8	21. Zero Reading (2nd Random Zero Measurement)
28	SBPB22	Num	8	22. Systolic (Net Average Random Zero Measurement)
29	SBPB23	Num	8	23. Diastolic (Net Average Random Zero Measurement)
30	SBPB24	Num	8	24. P-set Level Omiron Calibration
31	SBPB25	Num	8	25. Systolic (1st Omiron Measurement)
32	SBPB26	Num	8	26. Diastolic (1st Omiron Measurement)
33	SBPB27	Num	8	27. Systolic (2nd Omiron Measurement)
34	SBPB28	Num	8	28. Diastolic (2nd Omiron Measurement)
35	SBPB29	Num	8	29. Systolic (Net Average Omiron Measurement)
36	SBPB30	Num	8	30. Diastolic (Net Average Omiron Measurement)
37	SBPBflag	Num	8	Data record present?

Num	Variable	Type	Len	Label
38	VERS	Char	1	FORM VERSION

**Data Set Name: *ssfb.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	SSFB1	Num	8	1. Since the last JHS Exam in (mm/dd/yyyy) have you been told by a physician that you had a stroke
4	SSFB2B	Num	8	2b. When did this stroke occur Year
5	SSFB3	Num	8	3. In the past 5 years, since your last JHS have you had any sudden loss or change in speech lasting more than 24hrs
6	SSFB4	Num	8	4. Did the episode come on suddenly
7	SSFB5A	Num	8	5a. Slurred speech like you were drunk
8	SSFB5B	Num	8	5b. Could talk but the wrong words came out
9	SSFB5C	Num	8	5c. Know what you wanted to say, but the words would not come out
10	SSFB5D	Num	8	5d. Could not think of the right words
11	SSFB5E	Num	8	5e. IF more than one of the item A-D indicated, which of these most closing describe the problem:
12	SSFB6A	Num	8	6. Numbness or tingling
13	SSFB6B	Num	8	6b. Did you have difficulty on:
14	SSFB6C	Num	8	6c. Paralysis or weakness
15	SSFB6D	Num	8	6d. Did you have difficulty on:
16	SSFB6E	Num	8	6e. Lightheadedness, dizziness or loss of balance
17	SSFB6F	Num	8	6f. Blackouts or fainting
18	SSFB6G	Num	8	6g. Seizure or convulsions
19	SSFB6H	Num	8	6h. Headache
20	SSFB6I	Num	8	6i. Visual disturbance
21	SSFB6J	Num	8	6j. Did you have:
22	SSFB7	Num	8	7. In the past 5 years, have you had any sudden loss of vision or blurring lasting 24hrs or longer
23	SSFB8	Num	8	8. Did the episode come on suddenly
24	SSFB9A	Num	8	9a. During the episode which of the following parts of your vision were affected
25	SSFB9B	Num	8	9b. Did you have:
26	SSFB10A	Num	8	10. Speech disturbance
27	SSFB10B	Num	8	10b. Numbness or tingling
28	SSFB10C	Num	8	10c. Did you have difficulty on:
29	SSFB10D	Num	8	10d. Paralysis or weakness
30	SSFB10E	Num	8	10e. Did you have difficulty on:
31	SSFB10F	Num	8	10f. Lightheadedness, dizziness, or loss of balance
32	SSFB10G	Num	8	10g. Blackouts or faintings
33	SSFB10H	Num	8	10h. Seizures or convulsions
34	SSFB10I	Num	8	10i. Headache
35	SSFB10J	Num	8	10j. Flashing lights
36	SSFB13A	Num	8	13a. Speech disturbance

Num	Variable	Type	Len	Label
37	SSFB13B	Num	8	13b. Numbness or tingling
38	SSFB13C	Num	8	13c. Did you have difficulty on:
39	SSFB13D	Num	8	13d. Paralysis or weakness
40	SSFB13E	Num	8	13e. Did you have difficulty on:
41	SSFB13F	Num	8	13f. Lightheadedness, dizziness or loss of balance
42	SSFB13G	Num	8	13g. Blackouts or fainting
43	SSFB13H	Num	8	13h. Seizures or convulsions
44	SSFB13I	Num	8	13i. Headache
45	SSFB11A	Num	8	11a. Double Vision In the past 5 years which lasted for 24 hours or longer
46	SSFB11B	Num	8	11b. If you closed one eye, did the double vision go away
47	SSFB12	Num	8	12. Did the episode come on suddenly
48	SSFB14	Num	8	14. In the past 5 years, have you had numbness or tingling or loss of feeling lasting longer than 24 hours
49	SSFB15	Num	8	15. Did the feeling occur only when you kept your arms or legs in a certain position
50	SSFB16	Num	8	16. Did the episode come on suddenly
51	SSFB17A	Num	8	17a. Left arm or hand
52	SSFB17B	Num	8	17b. Left leg or foot
53	SSFB17C	Num	8	17c. Left side of face
54	SSFB17D	Num	8	17d. Right arm or hand
55	SSFB17E	Num	8	17e. Right leg or foot
56	SSFB17F	Num	8	17f. Right side of face
57	SSFB17G	Num	8	17g. Other
58	SSFB18	Num	8	18. During this episode, did the abnormal sensation start in one part and spread to another or stay in same place
59	SSFB19A	Num	8	19. Speech disturbance
60	SSFB19B	Num	8	19b. Paralysis or weakness
61	SSFB19C	Num	8	19c. Did you have difficulty on:
62	SSFB19D	Num	8	19d. Lightheadedness, dizziness or loss of balance
63	SSFB19E	Num	8	19e. Blackouts or fainting
64	SSFB19F	Num	8	19f. Seizures or convulsions
65	SSFB19G	Num	8	19g. Headache
66	SSFB19H	Num	8	19h. Pain in the numb or tingling arm, leg or face
67	SSFB19I	Num	8	19i. Visual Disturbances
68	SSFB20	Num	8	20. In the past 5 years have you had any sudden episode of paralysis or weakness lasting more than 24 hours
69	SSFB21	Num	8	21. Did the episode come on suddenly
70	SSFB22A	Num	8	22a. Left arm or hand
71	SSFB22B	Num	8	22b. Left leg or foot
72	SSFB22C	Num	8	22c. Left side of face
73	SSFB22D	Num	8	22d. Right arm or hand
74	SSFB22E	Num	8	22e. Right leg or foot

Num	Variable	Type	Len	Label
75	SSFB22F	Num	8	22f. Right side of face
76	SSFB22G	Num	8	22g. Other
77	SSFB19J	Num	8	19j. Did you have:
78	SSFB23	Num	8	23. During this episode, did it start in one part of your body and spread to another or stayed in same place
79	SSFB24A	Num	8	24a. Speech disturbance
80	SSFB24B	Num	8	24b. Numbness or tingling
81	SSFB24C	Num	8	24c. Did you have difficulty on:
82	SSFB24D	Num	8	24d. Lightheadedness, dizziness, or loss of balance
83	SSFB24E	Num	8	24e. Blackouts or fainting
84	SSFB24F	Num	8	24f. Seizures or convulsions
85	SSFB24G	Num	8	24g. Headache
86	SSFB24H	Num	8	24h. Pain in the weak arm, leg or face
87	SSFB24I	Num	8	24i. Visual Disturbances
88	SSFB24J	Num	8	24j. Did you have:
89	SSFB25	Num	8	25. In the past 5 years, since JHS have you had any sudden dizziness, loss of balance lasting longer than 24 hours
90	SSFB26	Num	8	26. Did the dizziness, loss of balance or spinning sensation occur when changing position of your head or body
91	SSFB27A	Num	8	27a. Speech disturbance
92	SSFB27B	Num	8	27b. Paralysis or weakness
93	SSFB27C	Num	8	27c. Did you have difficulty on:
94	SSFB27D	Num	8	27d. Numbness or tingling
95	SSFB27E	Num	8	27e. Did you have difficulty on:
96	SSFB27F	Num	8	27f. Blackouts or fainting
97	SSFB27G	Num	8	27g. Seizures or convulsion
98	SSFB27H	Num	8	27h. Headache
99	SSFB27I	Num	8	27i. Visual Disturbances
100	SSFB27J	Num	8	27j. Did you have:
101	SSFB28	Num	8	28. Did the episode of dizziness, loss of balance, or spinning sensation come on suddenly
102	SSFBflag	Num	8	Data record present?
103	VERS	Char	1	FORM VERSION

**Data Set Name: abbb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ABBB1A	Num	8	1a. Does the participant have any open wounds in the ankle or arm cuff area?
4	ABBB1B	Num	8	1b. Has the participant undergone bilateral amputation?
5	ABBB1C	Num	8	1c. Is the participant unable to lay at < 45 degree angle?
6	ABBB1D	Num	8	1d. Has the participant had a double mastectomy
7	ABBB2	Num	8	2. Arm cuff size
8	ABBB3A	Num	8	3. Arm used
9	ABBB4A	Num	8	4a. Right ankle cuff size
10	ABBB4B	Num	8	4b. Left ankle cuff size
11	ABBB5	Num	8	5. Doppler systolic
12	ABBB6	Num	8	6. Maximal inflation level
13	ABBB7	Num	8	7. Brachial
14	ABBB8	Num	8	8. Right posterior tibia
15	ABBB9	Num	8	9. Left posterior tibia
16	ABBB10	Num	8	10. Left posterior tibia
17	ABBB11	Num	8	11. Right posterior tibia
18	ABBB12	Num	8	12. Brachial
19	ABBB13	Num	8	13. Was the first arm blood pressure measurement obtained?
20	ABBB14A	Num	8	14a. Unable to occlude
21	ABBB14B	Num	8	14b. Unable to locate artery
22	ABBB14C	Num	8	14c. Other (please specify)
23	ABBB15	Num	8	15. Was the right first ankle blood pressure measurement obtained?
24	ABBB16A	Num	8	16a. unable to occlude
25	ABBB16B	Num	8	16b. Amputation
26	ABBB16C	Num	8	16c. Unable to locate artery
27	ABBB18A	Num	8	18a. Unable to occlude
28	ABBB18B	Num	8	18b. Amputation
29	ABBB18C	Num	8	18c. Unable to locate artery
30	ABBB18D	Num	8	18d. Other (please specify)
31	ABBB19	Num	8	19. Was the second left ankle blood pressure measurement obtained?
32	ABBB20A	Num	8	20a. Unable to occlude
33	ABBB20B	Num	8	20b. Amputation
34	ABBB20C	Num	8	20c. Unable to locate artery
35	ABBB20D	Num	8	20d. Other (please specify)
36	ABBB21	Num	8	21. Was the second right ankle blood pressure measurement obtained
37	ABBB22A	Num	8	22a. Unable to occlude



Num	Variable	Type	Len	Label
38	ABBB22B	Num	8	22b. Amputation
39	ABBB22C	Num	8	22c. Unable to locate artery
40	ABBB22D	Num	8	22d. Specify
41	ABBB23	Num	8	23. Was the second arm blood pressure measurement obtained?
42	ABBB24A	Num	8	24a. Unable to occlude
43	ABBB24B	Num	8	24b. Unable to locate artery
44	ABBB24C	Num	8	24c. Other (please specify)
45	ABBB17	Num	8	17. Was the first left ankle blood pressure measurement obtained?
46	ABBBflag	Num	8	Data record present?
47	VERS	Char	1	FORM VERSION

**Data Set Name: adrb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ADRB1	Num	8	1. Have you ever consumed alcoholic beverages?
4	ADRB2A	Num	8	2. During the past 12 months, on the average, how many days per (weeks, month, or year) consumed any alcoholic beverage?
5	ADRB2B	Num	8	2b. Per [UNIT OF TIME]
6	ADRB3	Num	8	3. On the average, on the days that you drank alcohol, how many drinks
7	ADRB4	Num	8	4. When you drink, do you usually drink beer, wine, or liquor
8	ADRB5	Num	8	5. Was there ever a time or times in your life when you drank 5 or more drinks
9	ADRB6	Num	8	6. Have you ever used crack or cocaine
10	ADRB7	Num	8	7. About how many times in your lifetime have you used crack or cocaine
11	ADRB8	Num	8	8. Have you ever used any other kinds of drugs including marijuana
12	ADRBflag	Num	8	Data record present?
13	VERS	Char	1	FORM VERSION

**Data Set Name: *bcfy.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	BCFV1A	Num	8	1a. When was the last time (Hours) you had anything to drink, including water?
4	BCFV1B	Num	8	1b. When was the last time (mins) you had anything to drink, including water?
5	BCFV2	Num	8	2. If you drink alcohol, have you had any alcoholic beverages in the last 48 hours?
6	BCFV3	Num	8	3. Have you engaged in any moderate or vigorous physical activity within the past 12 hours?
7	BCFV4	Num	8	4. Have you had a menstrual period within the past two weeks?
8	BCFV5	Num	8	5. Waist girth to the nearest tenth of a centimeter (cm)
9	BCFV6	Num	8	6. Hip girth to the nearest tenth of a centimeter (cm)
10	BCFV7	Num	8	7. Was this participant's height, weight, and BMI measured by:
11	BCFV8	Num	8	8. Standing height to the nearest tenth of a centimeter (cm)
12	BCFV9	Num	8	9. Weight to nearest tenth of a (kg)
13	BCFV10	Num	8	10. Body Mass Index (BMI) to nearest tenth of a unit (kg/m2)
14	BCFV11	Num	8	11. Body Type
15	BCFV12	Num	8	12. Height (Tanita) in centimeters (cm)
16	BCFV13	Num	8	13. Weight (Tanita) to nearest tenth of a kilogram (kg)
17	BCFV14	Num	8	14. Body Mass Index (Tanita BMI) to nearest tenth of a unit (kg/m2)
18	BCFV15	Num	8	15. Percent Body Fat to the nearest tenth of a percent (%)
19	BCFV16A	Num	8	16a. Basal Metabolic Rate
20	BCFV16B	Num	8	16b. Basal Metabolic Rate
21	BCFV17	Num	8	17. Impedance (O)
22	BCFV18	Num	8	18. Fat Mass to the nearest tenth of a percent (%)
23	BCFV19	Num	8	19. Fat Free Mass to the nearest tenth of a kilogram (kg)
24	BCFV20	Num	8	20. Total Body Water to the nearest tenth of a kilogram (kg)
25	BCFV21A	Num	8	21A. Desirable Range Percent Body Fat - Lower (%)
26	BCFV21B	Num	8	21B. Desirable Range Percent Body Fat - Upper (%)
27	BCFV22A	Num	8	22A. Desirable Range Fat Mass (Lower) to the nearest tenth of a kilogram (kg)
28	BCFV23	Num	8	23. Target Percent Body Fat (%)
29	BCFV24	Num	8	24. Predicted Fat Mass to the nearest tenth of a kilogram (kg)
30	BCFV25	Num	8	25. Fat to lose to the nearest tenth of a kilogram (kg)
31	BCFV22B	Num	8	22B. Desirable Range Fat Mass (Upper) to the nearest tenth of a kilogram (kg)
32	BCFVflag	Num	8	Data record present?
33	VERS	Char	1	FORM VERSION
34	stadiomflag	Num	8	Flag: Participants' heights are being measured with the stadiometer

**Data Set Name: *cbfa.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	CBFA1	Num	8	1. Serious ongoing health problem(yourself)
4	CBFA1A	Num	8	1a. Has this been a problem for six months or more?
5	CBFA1B	Num	8	1b. If yes, would you say this problem has been
6	CBFA2	Num	8	2. Serious ongoing health problems (someone close to you)
7	CBFA2A	Num	8	2a. Has this been a problem for six months or more?
8	CBFA2B	Num	8	2b. If yes, would you say this problem has been
9	CBFA3	Num	8	3. On going difficulties with your job or ability to work
10	CBFA3A	Num	8	3a. Has this been a problem for six months or more?
11	CBFA3B	Num	8	3b. If yes, would you say this problem has been
12	CBFA4	Num	8	4. On going financial strain
13	CBFA4A	Num	8	4a. Has this been a problem for six months or more?
14	CBFA4B	Num	8	4b. If yes, would you say this problem has been
15	CBFA5	Num	8	5. Ongoing difficulties in a relationship with someone close to you
16	CBFA5A	Num	8	5a. Has this been a problem for six months or more?
17	CBFA5B	Num	8	5b. If yes, would you say this problem has been
18	CBFAflag	Num	8	Data record present?
19	VERS	Char	1	FORM VERSION

**Data Set Name: cenc.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	vers	Char	1	FORM VERSION
3	bun	Num	8	Bun: Blood Urea Nitrogen - mg/dL
4	chr	Num	8	Chr: Total Cholesterol - mg/dL
5	crdur	Num	8	Crdur: Creatinine, Urine - mg/dL
6	creatr	Num	8	Creatr: Creatinine - mg/dL
7	crphs2	Num	8	Crphs2: C-Reactive Protein, High Sensitivity - mg/L
8	crphs2_cresult	Char	60	crphs2_cresult: Character Results for C-Reactive Protein (mg/L)
9	glur	Num	8	Glucose - mg/dL
10	glyhb	Num	8	Glyhb: Hemoglobin A1c - %
11	hdlc	Num	8	Hdlc: HDL Cholesterol - mg/dL
12	ins	Num	8	Ins: Insulin - mU/L
13	ins_cresult	Char	60	ins_cresult: Character Results for Insulin (mU/L)
14	ldlc	Num	8	Ldlc: LDL Cholesterol - mg/dL
15	trr	Num	8	Trr: Triglyceride - mg/dL
16	umalcr	Num	8	Umalcr: Ratio of Albumin(mg) to creatinine(g) - mg/g Cr
17	umali	Num	8	Umal: Albumin, Urine - mg/L
18	umali_cresult	Char	60	umali_cresult: Character Results for Albumin (mg/L)
19	insr	Num	8	Insr: Insulin - pmol/L
20	insr_cresult	Char	60	insr_cresult: Character Results for Insulin (pmol/L)
21	eSelectin	Num	8	eSelectin
22	pSelectin	Num	8	pSelectin
23	eSelectin_cresult	Char	9	eSelectin_cresult
24	pSelectin_cresult	Char	9	pSelectin_cresult

**Data Set Name: *disb.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	DISB1A	Num	8	1a. You are treated with less courtesy than other people
4	DISB1B	Num	8	1b. You are treated with less respect than other people
5	DISB1C	Num	8	1c. You receive poorer service than others at restaurants
6	DISB1D	Num	8	1d. People act as if they think you are not smart
7	DISB1E	Num	8	1e. People act as if they are afraid of you
8	DISB1F	Num	8	1f. People act as if they think you are dishonest
9	DISB1G	Num	8	1g. People act as if they think you are not as good as they are
10	DISB1H	Num	8	1h. You are called names or insulted
11	DISB1I	Num	8	1i. You are threatened or harassed
12	DISB2A	Num	8	2a. Thinking over these day-to-day experiences, what is the main reason for this treatment?
13	DISB2B	Char	200	2b. Specify other reason:
14	DISB3A	Num	8	3a. Do you usually speak up?
15	DISB3A1	Num	8	3a1. How much? (circle value given to response)
16	DISB3B	Num	8	3B. Do you usually accept it?
17	DISB3B1	Num	8	3b1. How much? (circle value given to response)
18	DISB3C	Num	8	3c. Do you usually ignore it?
19	DISB3D	Num	8	3d. Do you usually try to change it?
20	DISB3E	Num	8	3e. Do you usually keep it to yourself?
21	DISB3F	Num	8	3f. Do you usually work harder to prove them wrong?
22	DISB3G	Num	8	3g. Do you usually pray?
23	DISB3H	Num	8	3h. Do you usually avoid it?
24	DISB3I	Num	8	3i. Do you usually get violent?
25	DISB3J	Num	8	3j. Do you usually forget it?
26	DISB3K	Num	8	3k. Do you usually blame yourself?
27	DISB3L	Num	8	3l. Other reaction?
28	DISB4	Num	8	4. Thinking back over these types of day-to-day experiences, compared with when you were younger, are they: (???)
29	DISB5	Num	8	5. When you have had day-to-day experiences like these, would you say they have been:?
30	DISB3C1	Num	8	3c1. How much? (circle value given to response)
31	DISB3D1	Num	8	3d1. How much? (circle value given to response)
32	DISB3E1	Num	8	3e1. How much? (circle value given to response)
33	DISB3F1	Num	8	3f1. How much? (circle value given to response)
34	DISB3G1	Num	8	3g1. How much? (circle value given to response)
35	DISB3H1	Num	8	3h1. How much? (circle value given to response)
36	DISB3I1	Num	8	3i1. How much? (circle value given to response)

Num	Variable	Type	Len	Label
37	DISB3J1	Num	8	3j1. How much? (circle value given to response)
38	DISB3K1	Num	8	3k1. How much? (circle value given to response)
39	DISB3L1	Num	8	3l1. How much? (circle value given to response)
40	DISB6	Num	8	6. Overall, how much has day-to-day discrimination interfered with you having a full and protective life?
41	DISB7	Num	8	7. Overall, how much harder has your life been beacuse of day-to-day discrimination?
42	DISB8	Num	8	8. Because of the shade of your skin color, do you think white people treat you: (???) than other blacks?
43	DISB9	Num	8	9. Because of the shade of your skin color, do you think black people treat you: (???) than other blacks?
44	DISBflag	Num	8	Data record present?
45	VERS	Char	1	FORM VERSION

**Data Set Name: ecgb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	ECGB3	Num	8	Reporting FLAG (1= normal, 2= minimal abnormal, 3= important abnormal)
4	ECGB8	Num	8	RMSD: Heart rate variability
5	ECGB9	Num	8	SDNN: Heart rate variability
6	ECGB11	Num	8	Ventricular fibrillation, Ventricular asystole, Persistant ventricular rhythm, and Persistant supraventricular rhythm
7	ECGB12	Num	8	Arrhythmias (81X codes, the preceding 8 and 1 are not shown when a code is present).
8	ECGB13	Num	8	Arrhythmias (82X codes, the preceding 8 and 2 are not shown when a code is present).
9	ECGB14	Num	8	Arrhythmias (83X codes, the preceding 8 and 3 are not shown when a code is present).
10	ECGB15	Num	8	Arrhythmias (84X codes, the preceding 8 and 4 are not shown when a code is present).
11	ECGB16	Num	8	Arrhythmias (85X codes, the preceding 8 and 5 are not shown when a code is present).
12	ECGB17	Num	8	Arrhythmias (86X codes, the preceding 8 and 6 are not shown when a code is present).
13	ECGB18	Num	8	Arrhythmias (87X codes, the preceding 8 and 7 are not shown when a code is present).
14	ECGB19	Num	8	Arrhythmias (88X codes, the preceding 8 and 8 are not shown when a code is present).
15	ECGB20	Num	8	Arrhythmias (89X codes, the preceding 8 and 9 are not shown when a code is present).
16	ECGB21	Num	8	Intraventricular conduction defect (7 codes, the preceding 7 is not shown when a code is present).
17	ECGB22	Num	8	Atrioventricular (A-V) conduction defects (6 codes, the preceding 6 is not shown when a code is present).
18	ECGB23	Num	8	Q and QS patterns in the anterolateral site (Q codes, the preceding 1 is not shown when a code is present).
19	ECGB24	Num	8	Q and QS patterns in the posterior (inferior) site (Q codes, the preceding 1 is not shown when a code is present).
20	ECGB25	Num	8	Q and QS patterns in the anterior site (Q codes, the preceding 1 is not shown when a code is present).
21	ECGB26	Num	8	ST junction (J) and segment depression in the anterolateral site (4 codes, the preceding 4 is not shown when a code is present).
22	ECGB27	Num	8	T-wave items in the anterolateral site (5 codes, the preceding 5 is not shown when a code is present).
23	ECGB28	Num	8	ST junction (J) and segment depression in the posterior (inferior) site (4 codes, the preceding 4 is not shown when a code is present).
24	ECGB29	Num	8	T-wave items in the poerior (inferior) site (5 codes, the preceding 5 is not shown when a code is present).
25	ECGB30	Num	8	ST junction (J) and segment depression in the anterior site (4 codes, the preceding 4 is not shown when a code is present).
26	ECGB31	Num	8	T-wave items in the anterior site (5 codes, the preceding 5 is not shown when a code is present).
27	ECGB32	Num	8	ST segment elevation in the anterolateral site (9-2 codes, the preceding 9 is not shown when a code is present).
28	ECGB33	Num	8	ST segment elevation in the posterior (inferior) site (9-2 codes, the preceding 9 is not shown when a code is presen
29	ECGB34	Num	8	ST segment elevation in the anterior site (9-2 codes, the preceding 9 is not shown when a code is present).
30	ECGB35	Num	8	High amplitude R waves (3 codes, the preceding 3 is not shown when a code is present).
31	ECGB36	Num	8	Low QRS amplitude (91X codes, the preceding 9 and 1 are not shown when a code is present).
32	ECGB37	Num	8	Low QRS amplitude (93X codes, the preceding 9 and 3 are not shown when a code is present).



Num	Variable	Type	Len	Label
33	ECGB38	Num	8	Low QRS amplitude (94X codes, the preceding 9 and 4 are not shown when a code is present).
34	ECGB39	Num	8	Low QRS amplitude (95X codes, the preceding 9 and 5 are not shown when a code is present).
35	ECGB40	Num	8	P Duration
36	ECGB41	Num	8	P Axis
37	ECGB42	Num	8	QRS Duration
38	ECGB43	Num	8	QRS Axis
39	ECGB45	Num	8	T Axis
40	ECGB46	Num	8	QT Duration
41	ECGB47	Num	8	QTC Duration
42	ECGB48	Num	8	V Rate
43	ECGB49	Num	8	Q Amplitude in lead I
44	ECGB50	Num	8	Q Amplitude in lead II
45	ECGB51	Num	8	Q Amplitude in lead III
46	ECGB52	Num	8	Q Amplitude in lead AVR
47	ECGB53	Num	8	Q Amplitude in lead AVL
48	ECGB54	Num	8	Q Amplitude in lead AVF
49	ECGB55	Num	8	Q Amplitude in lead V1
50	ECGB56	Num	8	Q Amplitude in lead V2
51	ECGB57	Num	8	Q Amplitude in lead V3
52	ECGB58	Num	8	Q Amplitude in lead V4
53	ECGB59	Num	8	Q Amplitude in lead V5
54	ECGB60	Num	8	Q Amplitude in lead V6
55	ECGB61	Num	8	R Amplitude in lead I
56	ECGB62	Num	8	R Amplitude in lead II
57	ECGB63	Num	8	R Amplitude in lead III
58	ECGB64	Num	8	R Amplitude in lead AVR
59	ECGB65	Num	8	R Amplitude in lead AVL
60	ECGB66	Num	8	R Amplitude in lead AVF
61	ECGB67	Num	8	R Amplitude in lead V1
62	ECGB68	Num	8	R Amplitude in lead V2
63	ECGB69	Num	8	R Amplitude in lead V3
64	ECGB70	Num	8	R Amplitude in lead V4
65	ECGB71	Num	8	R Amplitude in lead V5
66	ECGB72	Num	8	R Amplitude in lead V6
67	ECGB73	Num	8	S Amplitude in lead I
68	ECGB74	Num	8	S Amplitude in lead II
69	ECGB75	Num	8	ECGB 75. S Amplitude in lead III
70	ECGB76	Num	8	S Amplitude in lead AVR
71	ECGB77	Num	8	S Amplitude in lead AVL

Num	Variable	Type	Len	Label
72	ECGB78	Num	8	S Amplitude in lead AVF
73	ECGB79	Num	8	S Amplitude in lead V1
74	ECGB80	Num	8	S Amplitude in lead V2
75	ECGB81	Num	8	S Amplitude in lead V3
76	ECGB82	Num	8	S Amplitude in lead V4
77	ECGB83	Num	8	S Amplitude in lead V5
78	ECGB84	Num	8	S Amplitude in lead V6
79	ECGB85	Num	8	R' Amplitude in lead I
80	ECGB86	Num	8	R' Amplitude in lead II
81	ECGB87	Num	8	R' Amplitude in lead III
82	ECGB88	Num	8	R' Amplitude in lead AVR
83	ECGB89	Num	8	R' Amplitude in lead AVL
84	ECGB90	Num	8	R' Amplitude in lead AVF
85	ECGB91	Num	8	R' Amplitude in lead V1
86	ECGB92	Num	8	R' Amplitude in lead V2
87	ECGB93	Num	8	R' Amplitude in lead V3
88	ECGB94	Num	8	R' Amplitude in lead V4
89	ECGB95	Num	8	R' Amplitude in lead V5
90	ECGB96	Num	8	R' Amplitude in lead V6
91	ECGB97	Num	8	S' Amplitude in lead I
92	ECGB98	Num	8	S' Amplitude in lead II
93	ECGB99	Num	8	S' Amplitude in lead III
94	ECGB100	Num	8	S' Amplitude in lead AVR
95	ECGB101	Num	8	S' Amplitude in lead AVL
96	ECGB102	Num	8	S' Amplitude in lead AVF
97	ECGB103	Num	8	S' Amplitude in lead V1
98	ECGB104	Num	8	S' Amplitude in lead V2
99	ECGB105	Num	8	S' Amplitude in lead V3
100	ECGB106	Num	8	S' Amplitude in lead V4
101	ECGB107	Num	8	S' Amplitude in lead V5
102	ECGB108	Num	8	S' Amplitude in lead V6
103	ECGB109	Num	8	QR Ratio in lead I
104	ECGB110	Num	8	QR Ratio in lead II
105	ECGB111	Num	8	QR Ratio in lead III
106	ECGB112	Num	8	QR Ratio in lead AVR
107	ECGB113	Num	8	QR Ratio in lead AVL
108	ECGB114	Num	8	QR Ratio in lead AVF
109	ECGB115	Num	8	QR Ratio in lead V1
110	ECGB116	Num	8	QR Ratio in lead V2

Num	Variable	Type	Len	Label
111	ECGB117	Num	8	QR Ratio in lead V3
112	ECGB118	Num	8	QR Ratio in lead V4
113	ECGB119	Num	8	QR Ratio in lead V5
114	ECGB120	Num	8	QR Ratio in lead V6
115	ECGB121	Num	8	RS Ratio in lead I
116	ECGB122	Num	8	RS Ratio in lead II
117	ECGB123	Num	8	RS Ratio in lead III
118	ECGB124	Num	8	RS Ratio in lead AVR
119	ECGB125	Num	8	RS Ratio in lead AVL
120	ECGB126	Num	8	RS Ratio in lead AVF
121	ECGB127	Num	8	RS Ratio in lead V1
122	ECGB128	Num	8	RS Ratio in lead V2
123	ECGB129	Num	8	RS Ratio in lead V3
124	ECGB130	Num	8	RS Ratio in lead V4
125	ECGB131	Num	8	RS Ratio in lead V5
126	ECGB132	Num	8	RS Ratio in lead V6
127	ECGB133	Num	8	P+ Amplitude in lead I
128	ECGB134	Num	8	P+ Amplitude in lead II
129	ECGB135	Num	8	P+ Amplitude in lead III
130	ECGB136	Num	8	P+ Amplitude in lead AVR
131	ECGB137	Num	8	P+ Amplitude in lead AVL
132	ECGB138	Num	8	P+ Amplitude in lead AVF
133	ECGB139	Num	8	P+ Amplitude in lead V1
134	ECGB140	Num	8	P+ Amplitude in lead V2
135	ECGB141	Num	8	P+ Amplitude in lead V3
136	ECGB142	Num	8	P+ Amplitude in lead V4
137	ECGB143	Num	8	P+ Amplitude in lead V5
138	ECGB144	Num	8	P+ Amplitude in lead V6
139	ECGB145	Num	8	PR Duration in lead I
140	ECGB146	Num	8	PR Duration in lead II
141	ECGB147	Num	8	PR Duration in lead III
142	ECGB148	Num	8	PR Duration in lead AVR
143	ECGB149	Num	8	PR Duration in lead AVL
144	ECGB150	Num	8	PR Duration in lead AVF
145	ECGB151	Num	8	PR Duration in lead V1
146	ECGB152	Num	8	PR Duration in lead V2
147	ECGB153	Num	8	PR Duration in lead V3
148	ECGB154	Num	8	PR Duration in lead V4
149	ECGB155	Num	8	PR Duration in lead V5

Num	Variable	Type	Len	Label
150	ECGB156	Num	8	PR Duration in lead V6
151	ECGB157	Num	8	QRS- Amplitude in lead I
152	ECGB158	Num	8	QRS- Amplitude in lead II
153	ECGB159	Num	8	QRS- Amplitude in lead III
154	ECGB160	Num	8	QRS- Amplitude in lead AVR
155	ECGB161	Num	8	QRS- Amplitude in lead AVL
156	ECGB162	Num	8	QRS- Amplitude in lead AVF
157	ECGB163	Num	8	QRS- Amplitude in lead V1
158	ECGB164	Num	8	QRS- Amplitude in lead V2
159	ECGB165	Num	8	QRS- Amplitude in lead V3
160	ECGB166	Num	8	QRS- Amplitude in lead V4
161	ECGB167	Num	8	QRS- Amplitude in lead V5
162	ECGB168	Num	8	QRS- Amplitude in lead V6
163	ECGB169	Num	8	QRS+ Amplitude in lead I
164	ECGB170	Num	8	QRS+ Amplitude in lead II
165	ECGB171	Num	8	QRS+ Amplitude in lead III
166	ECGB172	Num	8	QRS+ Amplitude in lead AVR
167	ECGB173	Num	8	QRS+ Amplitude in lead AVL
168	ECGB174	Num	8	QRS+ Amplitude in lead AVF
169	ECGB175	Num	8	QRS+ Amplitude in lead V1
170	ECGB176	Num	8	QRS+ Amplitude in lead V2
171	ECGB177	Num	8	QRS+ Amplitude in lead V3
172	ECGB178	Num	8	QRS+ Amplitude in lead V4
173	ECGB179	Num	8	QRS+ Amplitude in lead V5
174	ECGB180	Num	8	QRS+ Amplitude in lead V6
175	ECGB181	Num	8	J Amplitude in lead I
176	ECGB182	Num	8	J Amplitude in lead II
177	ECGB183	Num	8	J Amplitude in lead III
178	ECGB184	Num	8	J Amplitude in lead AVR
179	ECGB185	Num	8	J Amplitude in lead AVL
180	ECGB186	Num	8	J Amplitude in lead AVF
181	ECGB187	Num	8	J Amplitude in lead V1
182	ECGB188	Num	8	J Amplitude in lead V2
183	ECGB189	Num	8	J Amplitude in lead V3
184	ECGB190	Num	8	J Amplitude in lead V4
185	ECGB191	Num	8	J Amplitude in lead V5
186	ECGB192	Num	8	J Amplitude in lead V6
187	ECGB193	Num	8	T+ Amplitude in lead I
188	ECGBflag	Num	8	Data record present?

Num	Variable	Type	Len	Label
189	VERS	Char	1	FORM VERSION
190	ECGB194	Num	8	T+ Amplitude in lead II
191	ECGB195	Num	8	T+ Amplitude in lead III
192	ECGB196	Num	8	T+ Amplitude in lead AVR
193	ECGB197	Num	8	T+ Amplitude in lead AVL
194	ECGB198	Num	8	T+ Amplitude in lead AVF
195	ECGB199	Num	8	T+ Amplitude in lead V1
196	ECGB200	Num	8	T+ Amplitude in lead V2
197	ECGB201	Num	8	T+ Amplitude in lead V3
198	ECGB202	Num	8	T+ Amplitude in lead V4
199	ECGB203	Num	8	T+ Amplitude in lead V5
200	ECGB204	Num	8	T+ Amplitude in lead V6
201	ECGB205	Num	8	T- Amplitude in lead I
202	ECGB206	Num	8	T- Amplitude in lead II
203	ECGB207	Num	8	T- Amplitude in lead III
204	ECGB208	Num	8	T- Amplitude in lead AVR
205	ECGB209	Num	8	T- Amplitude in lead AVL
206	ECGB210	Num	8	T- Amplitude in lead AVF
207	ECGB211	Num	8	T- Amplitude in lead V1
208	ECGB212	Num	8	T- Amplitude in lead V2
209	ECGB213	Num	8	T- Amplitude in lead V3
210	ECGB214	Num	8	T- Amplitude in lead V4
211	ECGB215	Num	8	T- Amplitude in lead V5
212	ECGB216	Num	8	T- Amplitude in lead V6
213	ECGB217	Num	8	T-+ in lead I
214	ECGB218	Num	8	T-+ in lead II
215	ECGB219	Num	8	T-+ in lead III
216	ECGB220	Num	8	T-+ in lead AVR
217	ECGB221	Num	8	T-+ in lead AVL
218	ECGB222	Num	8	T-+ in lead AVF
219	ECGB223	Num	8	T-+ in lead V1
220	ECGB224	Num	8	T-+ in lead V2
221	ECGB225	Num	8	T-+ in lead V3
222	ECGB226	Num	8	T-+ in lead V4
223	ECGB227	Num	8	T-+ in lead V5
224	ECGB228	Num	8	T-+ in lead V6
225	ECGB229	Num	8	Q Duration in lead I
226	ECGB230	Num	8	Q Duration in lead II
227	ECGB231	Num	8	Q Duration in lead III

Num	Variable	Type	Len	Label
228	ECGB232	Num	8	Q Duration in lead AVR
229	ECGB233	Num	8	Q Duration in lead AVL
230	ECGB234	Num	8	Q Duration in lead AVF
231	ECGB235	Num	8	Q Duration in lead V1
232	ECGB236	Num	8	Q Duration in lead V2
233	ECGB237	Num	8	Q Duration in lead V3
234	ECGB238	Num	8	Q Duration in lead V4
235	ECGB239	Num	8	Q Duration in lead V5
236	ECGB240	Num	8	Q Duration in lead V6
237	ECGB241	Num	8	R Peak Duration in lead I
238	ECGB242	Num	8	R Peak Duration in lead II
239	ECGB243	Num	8	R Peak Duration in lead III
240	ECGB244	Num	8	R Peak Duration in lead AVR
241	ECGB245	Num	8	R Peak Duration in lead AVL
242	ECGB246	Num	8	R Peak Duration in lead AVF
243	ECGB247	Num	8	R Peak Duration in lead V1
244	ECGB248	Num	8	R Peak Duration in lead V2
245	ECGB249	Num	8	R Peak Duration in lead V3
246	ECGB250	Num	8	R Peak Duration in lead V4
247	ECGB251	Num	8	R Peak Duration in lead V5
248	ECGB252	Num	8	R Peak Duration in lead V6
249	ECGB253	Num	8	Maximum R Duration in lead I
250	ECGB254	Num	8	Maximum R Duration in lead II
251	ECGB255	Num	8	Maximum R Duration in lead III
252	ECGB256	Num	8	Maximum R Duration in lead AVR
253	ECGB257	Num	8	Maximum R Duration in lead AVL
254	ECGB258	Num	8	Maximum R Duration in lead AVF
255	ECGB259	Num	8	Maximum R Duration in lead V1
256	ECGB260	Num	8	Maximum R Duration in lead V2
257	ECGB261	Num	8	Maximum R Duration in lead V3
258	ECGB262	Num	8	Maximum R Duration in lead V4
259	ECGB263	Num	8	Maximum R Duration in lead V5
260	ECGB264	Num	8	Maximum R Duration in lead V6
261	ECGB265	Num	8	Maximum S Duration in lead I
262	ECGB266	Num	8	Maximum S Duration in lead II
263	ECGB267	Num	8	Maximum S Duration in lead III
264	ECGB268	Num	8	Maximum S Duration in lead AVR
265	ECGB269	Num	8	Maximum S Duration in lead AVL
266	ECGB270	Num	8	Maximum S Duration in lead AVF

Num	Variable	Type	Len	Label
267	ECGB271	Num	8	Maximum S Duration in lead V1
268	ECGB272	Num	8	Maximum S Duration in lead V2
269	ECGB273	Num	8	Maximum S Duration in lead V3
270	ECGB274	Num	8	Maximum S Duration in lead V4
271	ECGB275	Num	8	Maximum S Duration in lead V5
272	ECGB276	Num	8	Maximum S Duration in lead V6
273	ECGB277	Num	8	QRS Duration in lead I
274	ECGB278	Num	8	QRS Duration in lead II
275	ECGB279	Num	8	QRS Duration in lead III
276	ECGB280	Num	8	QRS Duration in lead AVR
277	ECGB281	Num	8	QRS Duration in lead AVL
278	ECGB282	Num	8	QRS Duration in lead AVF
279	ECGB283	Num	8	QRS Duration in lead V1
280	ECGB284	Num	8	QRS Duration in lead V2
281	ECGB285	Num	8	QRS Duration in lead V3
282	ECGB286	Num	8	QRS Duration in lead V4
283	ECGB287	Num	8	QRS Duration in lead V5
284	ECGB288	Num	8	QRS Duration in lead V6
285	ECGB289	Num	8	QS Pattern in lead I
286	ECGB290	Num	8	QS Pattern in lead II
287	ECGB291	Num	8	QS Pattern in lead III
288	ECGB292	Num	8	QS Pattern in lead AVR
289	ECGB293	Num	8	QS Pattern in lead AVL
290	ECGB294	Num	8	QS Pattern in lead AVF
291	ECGB295	Num	8	QS Pattern in lead V1
292	ECGB296	Num	8	QS Pattern in lead V2
293	ECGB297	Num	8	QS Pattern in lead V3
294	ECGB298	Num	8	QS Pattern in lead V4
295	ECGB299	Num	8	QS Pattern in lead V5
296	ECGB300	Num	8	QS Pattern in lead V6
297	ECGB301	Num	8	No suppression codes, by software
298	ECGB305	Char	6	Atrial fibrillation or flutter, by software
299	ECGB310	Char	6	Lead connection Interchange, by software
300	ECGB312	Char	6	No suppression codes, by visual flag
301	ECGB315	Char	6	QRS $\geq$ 120, by visual flag
302	ECGB321	Char	6	Lead connection Interchange, by visual flag
303	ECGB323	Char	6	Wandering Atrial Pacemaker, by visual flag
304	ECGB324	Char	6	Junctional rhythm, by visual flag
305	ECGB325	Char	6	Ectopic atrial rhythm, by visual flag

Num	Variable	Type	Len	Label
306	ECGB326	Char	6	Supraventricular or narrow QRS tachycardia, by visual flag
307	ECGB327	Char	6	Atrial flutter or fibrillation, by visual flag
308	ECGB328	Char	6	Electronic pacemaker, by visual flag
309	ECGB329	Char	6	Ventricular tachycardia, by visual flag
310	ECGB333	Char	10	count of complexes
311	ECGB334	Num	8	with atrial bigeminy, by visual flag
312	ECGB335	Char	10	count of complexes
313	ECGB336	Num	8	with atrial trigeminy, by visual flag
314	ECGB338	Num	8	supplemental aberrant supraventricular complexes, by visual flag
315	ECGB339	Char	10	count of complexes
316	ECGB340	Num	8	supplemental ectopic ventricular complexes, by visual flag
317	ECGB341	Char	10	count of complexes
318	ECGB342	Num	8	with a doublet of complexes, by visual flag
319	ECGB343	Char	10	count of complexes
320	ECGB344	Num	8	coalescent ventricular ectopic complexes, by visual flag
321	ECGB346	Num	8	polymorphic ventricular ectopic complexes, by visual flag
322	ECGB348	Num	8	ventricular bigeminy, by visual flag
323	ECGB349	Char	10	count of complexes
324	ECGB350	Num	8	ventricular trigeminy, by visual flag
325	ECGB352	Num	8	with pause (possible sinoatrial arrest or block), by visual flag
326	ECGB353	Char	10	count of complexes
327	ECGB354	Num	8	with reduced heart rate variability, by visual flag
328	ECGB356	Num	8	with increased heart rate variability, by visual flag
329	ECGB358	Num	8	probably left atrial ectopic focus, by visual flag
330	ECGB360	Num	8	probably right atrial ectopic focus, by visual flag
331	ECGB362	Num	8	with dominant AV conduction ratio, by visual flag
332	ECGB364	Num	8	with AV dissociation, by visual flag
333	ECGB366	Num	8	with variable AV conduction, by visual flag
334	ECGB368	Num	8	with AV dissociation and junctional rhythm, by visual flag
335	ECGB370	Num	8	with slow ventricular response, by visual flag
336	ECGB372	Num	8	with rapid ventricular response, by visual flag
337	ECGB374	Num	8	with narrow QRS complex, by visual flag
338	ECGB376	Num	8	with wide QRS complex, by visual flag
339	ECGB378	Num	8	with slow ventricular rate, by visual flag
340	ECGB380	Num	8	novacode atrioventricular conduction abnormalities; by software
341	ECGB381	Char	6	novacode prolonged ventricular excitation; by software
342	ECGB382	Char	6	novacode prolonged ventricular repolarization; by software
343	ECGB383	Char	6	novacode prevalent myocardial infarction/ischemia; by software
344	ECGB384	Char	6	novacode left ventricular hypertrophy; by software



Num	Variable	Type	Len	Label
345	ECGB385	Char	6	novacode left atrial enlargement; by software
346	ECGB386	Char	6	novacode right ventricular hypertrophy; by software
347	ECGB387	Char	6	novacode right atrial enlargement; by software
348	ECGB388	Char	6	novacode fascicular blocks; by software
349	ECGB389	Char	6	novacode atrioventricular conduction abnormalities; by software
350	ECGB390	Char	6	novacode prolonged ventricular excitation; by software
351	ECGB399	Num	8	Quality, by Hookup advisor and visual flag
352	ECGB400	Num	8	Date of MUSE NOVACODE analysis
353	ECGB402	Char	20	version of MUSE FORM
354	ECGB403	Char	20	Version of MUSE form
355	ECGB401	Num	8	version of MUSE NOVECODE dll

**Data Set Name: *formats.sas7bdat***

Num	Variable	Type	Len	Label
1	FMTNAME	Char	32	Format name
2	START	Char	16	Starting value for format
3	END	Char	16	Ending value for format
4	LABEL	Char	66	Format value label
5	MIN	Num	3	Minimum length
6	MAX	Num	3	Maximum length
7	DEFAULT	Num	3	Default length
8	LENGTH	Num	3	Format length
9	FUZZ	Num	8	Fuzz value
10	PREFIX	Char	2	Prefix characters
11	MULT	Num	8	Multiplier
12	FILL	Char	1	Fill character
13	NOEDIT	Num	3	Is picture string noedit?
14	TYPE	Char	1	Type of format
15	SEXCL	Char	1	Start exclusion
16	EEXCL	Char	1	End exclusion
17	HLO	Char	13	Additional information
18	DECSEP	Char	1	Decimal separator
19	DIG3SEP	Char	1	Three-digit separator
20	DATATYPE	Char	8	Date/time/datetime?
21	LANGUAGE	Char	8	Language for date strings

*Data Set Name: ftrd.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	FTRD5A	Num	8	5a. Computed fasting time in hours
3	FTRD5B	Num	8	5b. Computed fasting time in minutes

**Data Set Name: *hcta.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	HCTA1	Num	8	1. Is there a particular place that you usually go to when you are sick or need advice about you health?
4	HCTA2A	Char	1	2a. What kind of place is it that you usually go?
5	HCTA3	Num	8	3. Thinking about the place you usually go for help with your medical problems, in general, how much do you trust them to take good care you? do you trust them very much, somewhat, not very much, or not at all?
6	HCTA4A	Num	8	4a. Offer you high-quality medical care.
7	HCTA4B	Num	8	4b. Do all necessary medical tests and produres regardless of cost
8	HCTA4C	Num	8	4c. Do only medically necessary test and procedures
9	HCTA4D	Num	8	4d. how much do you trust your doctor 's judgement about your health care
10	HCTA5A	Num	8	5a. How would you rate how well your doctor listens to you?
11	HCTA5B	Num	8	5b. How would you rate how well your doctor explains things to you in a way you can understand?
12	HCTA6A	Num	8	6a. Generally, how much do you trust doctors and other health care providers?
13	HCTA6B	Num	8	6b. Generally how much do you trust other people?
14	HCTA6C	Num	8	6c. How much do you trust the health care system?
15	HCTA6D	Num	8	6d. How much do you trust hospitals?
16	HCTA7A	Num	8	7a. I have complete trust in my health insurance plan or company
17	HCTA7B	Num	8	7b. I worry there are a lot of loopholes in my health insureance plan that I do not know about
18	HCTA7C	Num	8	7c. My plan cares more about saving money than about getting me the treatment I need
19	HCTA8	Num	8	8. When was the last time you saw a health care provider for treatment of a medical problem?
20	HCTA9	Num	8	9. When was the last time you saw a health care provider for a routine physical exam or general checkup, that is when you were not sick or pregnant?
21	HCTA10	Num	8	10. Overall how hard has it been for you to get the health services you have needed? would you say it has been very hard, fairly hard, not too hard at all, not hard at all?
22	HCTAflag	Num	8	Data record present?
23	VERS	Char	1	FORM VERSION

**Data Set Name: mdea.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MDEA1	Num	8	1. Have you been consisitently depressed or down , most of the day, nearly everyday, for the past 2 weeks?
4	MDEA2	Num	8	2. In the past 2 weeks, have you been much less intrested in most things less able to enjoy the things you used to enjoy most of the time?
5	MDEA3A	Num	8	3a. Was your appetite decreased or increased nearly every day? Did your weight decrease or increase without trying intentionally?
6	MDEA3B	Num	8	3b. Did you have trouble sleeping nearly every night ?
7	MDEA3C	Num	8	3c. Did you talk or move more slowly than normal or were you fidgety, restless or having trouble sitting still almost every day?
8	MDEA3D	Num	8	3d. Did you feel tired or without energy almost every day?
9	MDEA3E	Num	8	3e. Did you feel worthless or guilty almost every day?
10	MDEA3F	Num	8	3f. Did you have difficulty concentrating or making decisions almost every day?
11	MDEA3G	Num	8	3g. Did you repeatedly consider hurting yourself, feel suicidal, or wish that you are dead?
12	MDEA3H	Num	8	3h. Are 5 or more answers(a1-a3) coded yes?
13	MDEA4	Num	8	4. During your lifetime, did you have other periods of two weeks or more you felt depressed or unintrested in most things, and had most of the problems we just talked about?
14	MDEA5	Num	8	5. Did you ever have an interval of at least 2 months without any depression and any loss of interest between 2 episodes of depression?
15	MDEA6	Num	8	6. Have you felt sad, low or depressed most of the time for the last two years?
16	MDEA6A	Num	8	6a. Was this period interrupted by your feelings OK for two months or more?
17	MDEA7A	Num	8	7a. Did your appetite change significantly?
18	MDEA7B	Num	8	7b. Did you have trouble sleeping or sleep excessively?
19	MDEA7C	Num	8	7c. Did you feel tired or without energy?
20	MDEA7D	Num	8	7d. Did you lose you self-confidence?
21	MDEA7E	Num	8	7e. Did you have trouble concentrating or making decisions?
22	MDEA7F	Num	8	7f. Did you feel hopeless?
23	MDEA8	Num	8	8. Did the symptoms of depression cause you significant distress or impair your ability to function at work,
24	MDEA8A	Num	8	8a. ARE 2 OR MORE ANSWERS CODED YES?
25	MDEAflag	Num	8	Data record present?
26	VERS	Char	1	FORM VERSION

*Data Set Name: medcodes.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	tccode	Char	14	Therapeutic classification code
3	medconc	Char	200	Medication Concentration
4	rectype	Char	1	rectype
5	tcname	Char	59	Therapeutic classification Name

**Data Set Name: mhxc.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MHXC1	Num	8	1. Since your last Jackson Heart Study exam on (mm/dd/yyyy) have you had any pain or discomfort in your chest?
4	MHXC2	Num	8	2. Do you get it when you walk uphill or hurry?
5	MHXC3	Num	8	3. Do you get it when you walk at an ordinary pace on the level?
6	MHXC4	Num	8	4. What do you do if you get it while you are walking?
7	MHXC5	Num	8	5. If you stand still, what happens to it?
8	MHXC6	Num	8	6. How soon?
9	MHXC7A	Num	8	7a. Sternum (upper or middle)
10	MHXC7B	Num	8	7b. Sternum (lower)
11	MHXC7C	Num	8	7c. Left anterior chest
12	MHXC7D	Num	8	7d. Left arm
13	MHXC7E	Num	8	7e. Other
14	MHXC8	Num	8	8. Do you feel it anywhere else?
15	MHXC9	Num	8	9. Did you see a doctor because of this pain or discomfort?
16	MHXC10	Num	8	10. What did the doctor say it was?
17	MHXC11	Num	8	11. Have you been hospitalized because of this pain?
18	MHXC12	Num	8	12. How long ago did you start getting this pain? Within the past:
19	MHXC13	Num	8	13. Within the past 2 months, has your chest discomfort occurred more often?
20	MHXC14	Num	8	14. Has it occurred at least twice as often as before?
21	MHXC15	Num	8	15. Within the past 2 months, has the pain become more severe?
22	MHXC16	Num	8	16. Within the past 2 months, has the pain lasted longer when it occurs?
23	MHXC17	Num	8	17. Do you ever use nitroglycerin to relieve the pain?
24	MHXC18	Num	8	18. Within the past 2 months, has the pain required more nitroglycerin to relieve it?
25	MHXC19	Num	8	19. Within the past 2 months, have you started getting the pain with less exertion?
26	MHXC20	Num	8	20. Within the past 2 months have you started getting the pain when sitting still?
27	MHXC21	Num	8	21. Within the past 2 months, have you started getting the pain when sleeping?
28	MHXC22	Num	8	22. Since your last Jackson Heart Study exam, have you ever had a severe pain across the front of your chest lasting for half an hour or more?
29	MHXC23	Num	8	23. Did you see a doctor because of this pain?
30	MHXC24	Num	8	24. What did the doctor say it was?
31	MHXC25	Num	8	25. Since your last Jackson Heart Study exam, have you ever had a heart attack for which you were hospitalized one week or more?
32	MHXC26	Num	8	26. How many such heart attacks have you had?
33	MHXC27	Num	8	27. How old were you when you had your (first) heart attack?
34	MHXC28	Num	8	28. Have you ever had a test in which you were asked to exercise while an electrocardiogram was taken?
35	MHXC29	Num	8	29. Were you told that the results were normal or abnormal?

Num	Variable	Type	Len	Label
36	MHXC30	Num	8	30. Do you get pain in either leg on walking?
37	MHXC31	Num	8	31. Does this pain ever begin when you are standing still or sitting?
38	MHXC32	Num	8	32. In what part of your leg do you feel it?
39	MHXC33	Num	8	33. Do you get it if you walk uphill or hurry?
40	MHXC34	Num	8	34. Do you get it if you walk at an ordinary pace on the level?
41	MHXC35	Num	8	35. Does the pain ever disappear while you are walking?
42	MHXC36	Num	8	36. What do you do if you get it when you are walking?
43	MHXC37	Num	8	37. What happens to it if you stand still?
44	MHXC38	Num	8	38. How soon?
45	MHXC39	Num	8	39. Were you hospitalized for this problem in your legs?
46	MHXC40	Num	8	40. Since your last Jackson Heart Study exam, have you had to sleep on 2 or more pillows to help you breathe?
47	MHXC41	Num	8	41. Have you been awakened at night by trouble breathing?
48	MHXC42	Num	8	42. Have you had swelling of your feet or ankles (excluding during pregnancy)?
49	MHXC43	Num	8	43. Did it tend to come on during the day and go down overnight?
50	MHXC44	Num	8	44. Since your last Jackson Heart Study exam, have you had surgery on your heart, or the arteries of your neck or legs, excluding surgery for varicose veins?
51	MHXC45A	Num	8	45a. Coronary bypass
52	MHXC45B1	Num	8	45b1. Other heart procedure
53	MHXC45C	Num	8	45c. Carotid endarterectomy
54	MHXC45D	Num	8	45d. Site:
55	MHXC45E1	Num	8	45e1. Other arterial revascularization or bypass
56	MHXC45F	Num	8	45f. Any other type of surgery on your heart or the arteries of your neck or legs?
57	MHXC46	Num	8	46. Since your last Jackson Heart Study exam, have you had a balloon angioplasty on the arteries of your heart, neck, or legs?
58	MHXC47A	Num	8	47a. Angioplasty of the coronary arteries?
59	MHXC47B	Num	8	47b. Angioplasty in the arteries of your neck?
60	MHXC47C	Num	8	47c. Angioplasty of lower extremity arteries?
61	MHXC48A	Num	8	48a. Heart catheterization?
62	MHXC48A1	Num	8	48a1. What was the reason for this procedure?
63	MHXC48B	Num	8	48b. Carotid artery catheterization?
64	MHXC48B1	Num	8	48b1. What was the reason for this procedure?
65	MHXC48C1	Num	8	48c1. Other arterial catheterization?
66	MHXC48C3	Num	8	48c3. What was the reason for this procedure?
67	MHXC49A	Num	8	49a. Echocardiogram?
68	MHXC49A1	Num	8	49a1. What was the reason for this procedure?
69	MHXC49B	Num	8	49b. Electrocardiogram?
70	MHXC49B1	Num	8	49b1. What was the reason for this procedure?
71	MHXC49C	Num	8	49c. Treadmill or cardiac stress test?
72	MHXC49C1	Num	8	49c1. What was the reason for this procedure?



Num	Variable	Type	Len	Label
73	MHXC49D	Num	8	49d. MRI of the brain?
74	MHXC49D1	Num	8	49d1. What was the readon for this procedure?
75	MHXCflag	Num	8	Data record present?
76	VERS	Char	1	FORM VERSION

**Data Set Name: *mrrib.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MRIB7	Num	8	7. Qmass Ejection Fraction in (%)
4	MRIB8	Num	8	8. Qmass End Diastolic Volume in (mL)
5	MRIB9	Num	8	9. Qmass End Systolic Volume in (mL)
6	MRIB10	Num	8	10. Qmass Stroke Volume in (mL)
7	MRIB11	Num	8	11. Qmass Left Ventricle Myocardial Mass at End Diastole in (grams)
8	MRIB12	Num	8	12. CIM Ejection Fraction in (%)
9	MRIB13	Num	8	13. CIM End Diastolic Volume in (mL)
10	MRIB14	Num	8	14. CIM End Systolic Volume in (mL)
11	MRIB15	Num	8	15. CIM Stroke Volume in mL
12	MRIB16	Num	8	16. CIM Left Ventricular Myocardial Mass in (grams)
13	MRIB17	Num	8	17. CIM Left Ventricle Myocardial Mass in (mL)
14	MRIB18	Num	8	18. MIMP Pulse Wave Velocity Aortic Arch in (m/sec)
15	MRIB19	Char	50	19. MIMP Pulse Wave Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
16	MRIB20	Num	8	20. MIMP Pulse Wave Velocity Aortic Arch ascending to descending in (m/sec)
17	MRIB21	Char	50	21. MIMP Pulse Wave Velocity Aortic Arch ascending to descending Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
18	MRIB22	Num	8	22. MIMP Pulse Wave Velocity Aortic Arch ascending to descending (combined pwvarch (18) and pwvasc2desc (20)) in (m/sec)
19	MRIB23	Char	50	23. MIMP Pulse Wave Velocity Aortic Arch ascending to descending (Combined) Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
20	MRIB24	Num	8	24. MIMP Pulse Wave Velocity Aorta diaphragm to bifurcation in (m/sec)
21	MRIB25	Char	50	25. MIMP Pulse Wave Velocity Aorta diaphragm to bifurcation Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
22	MRIB26	Num	8	26. MIMP Pulse wave Velocity Aorta descending to diaphragm in (m/sec)
23	MRIB27	Char	50	27. MIMP Pulse wave Velocity Aorta descending to diaphragm Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
24	MRIB28	Num	8	28. MIMP Pulse Wave Velocity Aorta ascending to bifurcation in (m/sec)
25	MRIB29	Char	50	29. MIMP Pulse Wave Velocity Aorta ascending to bifurcation Status: (if anuerism, doublepeak, or badwaveform then corresponding PWV=missing)
26	MRIB30	Num	8	30. Mean wall Thickness Ascending Arch in (mm)
27	MRIB31	Num	8	31. Mean Wall Thickness Descending Arch in (mm)
28	MRIB32	Num	8	32. Mean Wall Thickness Diaphragm in (mm)
29	MRIB33	Num	8	33. Mean Wall Thickness Bifurcation in (mm)
30	MRIB34	Num	8	34. Mean Wall Thickness Renal in (mm)
31	MRIB35	Num	8	35. Mean Peak Systolic Eularian Strain (Ecc), midwall, averaged for level base, mid & apex, and segment; left ventricle(Overall) in (%)
32	MRIB36	Num	8	36. Mean Peak Systolic Eularian Strain (Ecc), midwall, averaged for level base; left ventricle(Base) in (%)

Num	Variable	Type	Len	Label
33	MRIB37	Num	8	37. Mean Peak Systolic Eulerian Strain (Ecc), midwall, averaged for level mid; left ventricle(Mid) in (%)
34	MRIB38	Num	8	38. Mean Peak Systolic Eulerian Strain (Ecc), midwall, averaged for level apex; left ventricle(Apex) in (%)
35	MRIB40	Num	8	40. JHS Visit: v2=06, v3=09 where v2 date prior to 01/01/2009
36	MRIB43	Char	8	43. Quality variable [0=NA, 1=poor, 2=fair, 3=good], analyst subjective rating of scan coverage
37	MRIB44	Char	8	44. Quality variable [0=NA, 1=poor, 2=fair, 3=good], analyst subjective rating of image noise level
38	MRIB45	Char	8	45. Quality variable [0=NA, 1=poor, 2=fair, 3=good], analyst subjective rating of other artifacts
39	MRIB46	Char	8	46. Quality variable [0,1,2,3,4,5 with 5 excellent], analyst subjective rating of overall series quality
40	MRIB47	Char	3	47. Flag indicating reader determined evidence of prior coronary surgery
41	MRIB48	Char	50	48. Clinical Report Status
42	MRIB49	Char	50	49. MRV Status
43	MRIB50	Char	50	50. HARP Status
44	MRIB51	Char	50	51. MIMP Status
45	MRIB52	Char	50	52. QMASS Status
46	MRIB53	Char	50	53. CIM Status
47	MRIB54	Char	50	54. Contrast Status
48	MRIBflag	Num	8	Data record present?
49	VERS	Char	1	FORM VERSION
50	MRIB39	Num	8	39. Date of MRI scan in dicom header (mmddyyyy)

**Data Set Name: msrc.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	MSRC1	Num	8	1. Have you taken any medications in the past two weeks? This includes all prescriptions medications, all over-the-counter medications, all vitamins, minerals, herbs, and dietary supplements?
4	MSRC2	Num	8	2. Did you bring all the medications you used in the past two weeks, or their containers? This includes all prescription medications, all over-the-counter medications, all vitamins, minerals, herbs, and dietary supplements?
5	MSRC3A	Num	8	3a. Could we follow up on this after the visit so that we can get the information from the (other) medication labels? [EXPLAIN FOLLOW-UP OPTIONS]
6	MSRC29A	Num	8	29a. High blood pressure?
7	MSRC29B	Num	8	29b. High blood cholesterol?
8	MSRC29C	Num	8	29c. Angina or chest pain?
9	MSRC29D	Num	8	29d. Control of heart rhythm?
10	MSRC29E	Num	8	29e. Heart failure or fluid on the lungs?
11	MSRC29F	Num	8	29f. Blood thinning?
12	MSRC29G	Num	8	29g. Diabetes or high blood sugar?
13	MSRC29H	Num	8	29h. Stroke?
14	MSRC29I	Num	8	29i. Leg pain when walking?
15	MSRC30A	Num	8	30a. You were in a hurry, too busy, or forgot
16	MSRC30B	Num	8	30b. It was inconvenient, for example, the medication needed to be refrigerated, or had to be taken with food
17	MSRC30C	Num	8	30c. You thought the medication wouldn't do you any good
18	MSRC30D	Num	8	30d. The medication made you feel bad
19	MSRC30E	Num	8	30e. If you took the medication, you wouldn't be able to carry out your normal activities-for example, driving
20	MSRC30F	Num	8	30f. You thought you might become addicted or hooked on the medication
21	MSRC30G	Num	8	30g. You don't like to take medicine
22	MSRC30H	Num	8	30h. You were trying to do without it
23	MSRC30J	Num	8	30j. Did not have the medication available
24	MSRC30K	Num	8	30k. Are there any other reasons why you haven't taken a prescribed medication?
25	MSRC32	Num	8	32. During the past two weeks, did you take any aspirin, Alka-Seltzer, cold medicine or headache powder?
26	MSRC33	Num	8	33. Are you now taking aspirin, or a medicine containing aspirin, on a regular basis? This does not include Tylenol nor Advil
27	MSRC34A	Num	8	34a. What is the strength of aspirin in the pill?
28	MSRC34B	Num	8	34b. How many days a week, on average, are you taking this medication?
29	MSRC34C	Num	8	34c. How many pills are you taking per week, on average?
30	MSRC34D	Num	8	34d. For what purpose are you taking this medication?
31	MSRC34E	Char	7	34e. When did you start taking aspirin, or a medicine containing aspirin, on a regular basis?
32	MSRC31A	Num	8	31a. Did you ever forget to take you medicine?

Num	Variable	Type	Len	Label
33	MSRC31B	Num	8	31b. Are you careless at times about taking your medicine?
34	MSRC31C	Num	8	31c. When you feel better do you sometimes stop taking your medicine?
35	MSRC31D	Num	8	31d. Sometimes if you feel worse when you take medicine , do you stop taking it?
36	MSRC35A	Num	8	35a. Except for aspirin or Tylenol, are you now taking other non-steroidal anti-inflammatory drugs or arthritis medicines on a regular basis? Examples include Ibuprofen, Advil, Nuprin, Motrin, Aleve, Naprosyn, Feldene and Clinoril
37	MSRC35B	Num	8	35b. What is the brand name of the medicine?
38	MSRC35D	Num	8	35d. How many pills per week are you taking, on average?
39	MSRC35E	Char	7	35e. When did you start taking [insert name] on a regular basis?
40	MSRC36A	Num	8	36a. Vinegar?
41	MSRC36B	Num	8	36b. How many days during the past 2 weeks?
42	MSRC37A	Num	8	37a. Epsom salts?
43	MSRC37B	Num	8	37b. How many days during the past 2 weeks?
44	MSRC38A	Num	8	38a. Lemon juice or lemon?
45	MSRC38B	Num	8	38b. How many days during the past 2 weeks?
46	MSRC39A	Num	8	39a. Garlic?
47	MSRC39B	Num	8	39b. How many days during the past 2 weeks?
48	MSRC40A	Num	8	40a. Teas?
49	MSRC40B	Num	8	40b. How many days during the past 2 weeks?
50	MSRC41A	Num	8	41a. Roots?
51	MSRC41B	Num	8	41b. How many days during the past 2 weeks?
52	MSRC42A	Num	8	42a. Have you taken any other home remedies, teas, roots, or herbs in the last 2 weeks?
53	MSRC42B	Num	8	42b. How many days during the past 2 weeks?
54	MSRC43A	Num	8	43a. Have you ever used any other home remedies, teas, roots, herbs, or other medicines?
55	MSRC43B	Num	8	43b. Was this for your heart or for other symptoms?
56	MSRC43D	Num	8	43d. About how often would you say you have used any of these remedies? Would you say daily, weekly, several times a month, monthly, several times a year, yearly, rarely, almost never, or never?
57	MSRCflag	Num	8	Data record present?
58	VERS	Char	1	FORM VERSION

**Data Set Name:** *pacb.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	PACB1	Num	8	1. How many minutes a day do you usually walk and/or bicycle to and from work, school or errands?
4	PACB2	Num	8	2. During leisure time, how often did you walk for at least 15 minutes at a time?
5	PACB3	Num	8	3. During leisure time, how often did you bike for at least 15 minutes at a time?
6	PACB4	Num	8	4. During leisure time, how often do you sweat from exertion?
7	PACB5	Num	8	5. During the past year, how often did you watch television?
8	PACB6	Num	8	6. Did you work for pay or do volunteer work during the past year?
9	PACB7	Num	8	7. In comparison with other men (women) of your age, do you think your work (volunteer work) is physically much lighter, lighter, the same as, heavier, or much heavier?
10	PACB8	Num	8	8. After work are you physically tired?
11	PACB9A	Num	8	9a. Sit:
12	PACB9B	Num	8	9b. Stand:
13	PACB9C	Num	8	9c. Walk:
14	PACB9D	Num	8	9d. Lift heavy loads:
15	PACB9E	Num	8	9e. Sweat from exertion:
16	PACB10	Num	8	10. During the past year (12 months) how much time did you spend caring for children under 5 years of age or for a disabled child or elderly person?
17	PACB11	Num	8	11. During the past year (12 months) how much time did you spend preparing meals or cleaning up from meals?
18	PACB12	Num	8	12. During the past year (12 months) how much time did you spend doing major cleaning activities such as shampooing carpets, waxing floors, washing windows or washing a car or other vehicle?
19	PACB13	Num	8	13. During the past year (12 months) how much time did you spend doing routine cleaning such as dusting, laundry, vacuuming, changing bed sheets or grocery shopping and pushing a cart?
20	PACB14	Num	8	14. During the past year (12 months) how much time did you spend doing gardening or yard work, such as mowing lawn or raking leaves?
21	PACB15	Num	8	15. During the past year (12 months) how much time did you spend doing heavy outdoor work such as chopping wood, tilling soil, shoveling or bailing hay?
22	PACB16	Num	8	16. During the past year (12 months) how much time did you spend doing major home decoration or repair, such as plumbing, tiling, painting, or building?
23	PACB17	Num	8	17. During the past year did you participate in any of these activities or in any other similar activities not included on the list?
24	PACB18	Num	8	18. How often did you play sports or exercise during the past year?
25	PACB19A	Num	8	19a. Is this activity on the code list?
26	PACB19B	Num	8	19b. Code for most frequent sport or exercise:
27	PACB19C	Char	80	19c. If the activity is not coded, specify the activity:
28	PACB20	Num	8	20. How many months in the past year did you do this activity?
29	PACB21	Num	8	21. How many hours a week did you do this activity?
30	PACB22A	Num	8	22a. Is this activity on the code list?
31	PACB22B	Num	8	22b. Code for the second most frequent sport or exercise:

Num	Variable	Type	Len	Label
32	PACB23	Num	8	23. How many months in the past year did you do this activity?
33	PACB24	Num	8	24. How many hours a week did you do this activity?
34	PACB25A	Num	8	25a. Is this activity on the code list?
35	PACB25B	Num	8	25b. Code for the third most frequent sport or exercise:
36	PACB26	Num	8	26. How many months in the past year did you do this activity?
37	PACB27	Num	8	27. How many hours a week did you do this activity?
38	PACB28	Num	8	28. In comparison with others of your own age, do you think your recreational activity is much less, less, the same as, more, or much more?
39	PACBflag	Num	8	Data record present?
40	VERS	Char	1	FORM VERSION

**Data Set Name: pdsb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	PDSB1A	Num	8	1a. Think of this ladder with ten steps as representing where people stand in their communities
4	PDSB2	Num	8	2. We would like to know about the kind of work you do. looking at this card
5	PDSB3	Char	4	3. When was your last regular job for pay
6	PDSB4	Num	8	4. Are you currently working one or more jobs?
7	PDSB5B	Num	8	5b. Are/were you self - employed for this occupation
8	PDSB8A	Num	8	8a. How long (have you had/did you have) your main job?
9	PDSB8B	Num	8	8b. (Is/Was) your job one that (provides/provided) regular steady work
10	PDSB9A	Num	8	9a. Thinking over your entire work life, have you ever been unemployed
11	PDSB9B	Num	8	9b. How many times have you been unemployed for more than 6 months?
12	PDSB10	Num	8	10. How satisfied are you with your job?
13	PDSB12	Num	8	12. Pretend that the steps on this ladder stand for 10 possible steps in your life
14	PDSB13	Num	8	13. Would you please tell me the step number that best describes where you were ten years ago
15	PDSB14	Num	8	14. Will you please tell me the step number that best describes where you would like to be next year
16	PDSB15	Num	8	15. Will you please tell me the step number that best describes where you expect to next year?
17	PDSB16	Num	8	16. How disappointed would you be if you found out that you could never reach
18	PDSB17A	Num	8	17a. What is the highest degree or years of school you have completed, including trade or vocational school or college
19	PDSB17B	Num	8	17b. Did you complete a GED?
20	PDSB18A	Num	8	18a. Have you completed any other training or education
21	PDSB19	Num	8	19. [DO NOT ASK; REFER TO SOCIAL SUPPORT FORM]
22	PDSB20	Num	8	20. Is your (husband/ wife/ partner)presently working for pay?
23	PDSB22A	Num	8	22a. What is the highest degree or years of school your (husband/ wife/ partener) ever completed, including trade or vocational school or college?
24	PDSB22B	Num	8	22b. [IF LESS THAN 12 ASK:] Did (he/she) complete a GED?
25	PDSB23	Num	8	23. Are you or your family renting, buying ( paying a mortgage), or do you own ( paid off) the house or apartment where you live now?
26	PDSB24	Num	8	24. Do you own or are buying/ leasing one or more cars?
27	PDSB25	Num	8	25. Suppose you needed money quickly and you cashed in all of your (and your spouse's/ partner's )checking and savings accounts, cars, jewellery or other possessions and nay stocks, bonds
28	PDSB26A	Num	8	26a. Investments?
29	PDSB26B	Num	8	26b. Social security?
30	PDSB26C	Num	8	26c. Wokers compensation?
31	PDSB26D	Num	8	26d. Unemployment compensation?
32	PDSB26E	Num	8	26e. ADC OR AFDC?(aid to dependent children)
33	PDSB26F	Num	8	26f. Food stamps?
34	PDSB26G	Num	8	26g. Other welfare programs?



Num	Variable	Type	Len	Label
35	PDSB26H	Num	8	26h. Supplemental security income (SSI)?
36	PDSB26I	Num	8	26i. Gambling?
37	PDSB27A	Num	8	27a. Now , thinking of all these sources as well as money from jobs, income from a business, or farm, rent from property, social security or retirement benefits.
38	PDSB27B	Num	8	27b. You may not be able to give me an exact range for your family income,
39	PDSB27C	Num	8	27c. Was it \$ 50,000 or above?
40	PDSB27D	Num	8	27d. Was it \$ 75,000 or above?
41	PDSB27E	Num	8	27e. Was it \$ 100,000 or above?
42	PDSB27F	Num	8	27f. Was it \$ 10,000 or above?
43	PDSB27G	Num	8	27g. Was it \$ 25,000 or above
44	PDSB28	Num	8	28. How much of that income do you contribute? Using this card tell me the letter that most closely matches your total income before taxes in (year)
45	PDSB29	Num	8	29. On average, how many people, including yourself does your total family income support?
46	PDSB30A	Num	8	30a. Including yourself, how many people lived in your house during the past 12 months?
47	PDSB30B	Num	8	30b. Of these, how many are under the age of 18?
48	PDSB31	Num	8	31. Now, think of a ladder with 10 steps representing where people stand in the United States.
49	PDSBflag	Num	8	Data record present?
50	VERS	Char	1	FORM VERSION

**Data Set Name:** *pfhb.sas7bdat*

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	PFHB1	Num	8	1. Compared to other people your age, would you say that your health is excelelnt, good, fair, or poor?
4	PFHB2	Num	8	2. Since this time last year, would you say your health is
5	PFHB2A	Num	8	2a. High blood pressure or hypertension?
6	PFHB2B	Num	8	2b. How old were when told that you had high blood pressure or hypertension?
7	PFHB3A	Num	8	3a. High blood cholesterol?
8	PFHB3B	Num	8	3b. How old were you when told that you had high blood cholesterol?
9	PFHB4A	Num	8	4a. Heart attack?
10	PFHB4B	Num	8	4b. How old were you when told that you had a heart attack?
11	PFHB5A	Num	8	5a. Stroke?
12	PFHB5B	Num	8	5b. How old were you when told that you had a stroke?
13	PFHB6A	Num	8	6a. Sugar in the blood or diabetes?
14	PFHB6B	Num	8	6b. How old were you when told that you had sugar in the blood or diabetes?
15	PFHB7A	Num	8	7a. Kidney problem?
16	PFHB7B	Num	8	7b. How old were you when told that you had a kidney problem?
17	PFHB8B	Num	8	8b. How old were you when told that you had cancer?
18	PFHB9A	Num	8	9a. Chronic lung disease, such as bronchitis or emphysema?
19	PFHB9B	Num	8	9b. How old were you when told that you had chronic lung disease?
20	PFHB10A	Num	8	10a. Asthma?
21	PFHB10B	Num	8	10b. How old were you when told that you had asthma?
22	PFHB11A	Num	8	11a. A blood circulation problem?
23	PFHB11B	Num	8	11b. How old were you when told that you had a blood circulation problem?
24	PFHB12A	Num	8	12a. Have you stayed overnight as a patient in a hospital during the past year?
25	PFHB8A	Num	8	8a. Cancer
26	PFHB13	Num	8	13. Have you ever had a tubal-ligation (had one or more of your tubes tied)?
27	PFHB13A	Num	8	13a. How old were you when you had a tubal -ligation?
28	PFHB14	Num	8	14. Are you currently pregnant?
29	PFHB15	Num	8	15. Have you ever had a vasectomy?
30	PFHB16	Num	8	16. What is the most that you have ever weighed
31	PFHB16A	Num	8	16a. How old were you when you weighed this much?
32	PFHB17	Num	8	17. Do you consider yourself now to be overweight, underweight, or about the right weight?
33	PFHB18	Num	8	18. Have you ever been on a diet to lose weight?
34	PFHB18A	Num	8	18a. Are you on such a diet now?
35	PFHB19	Num	8	19. During the past month, other than your regular job, did you participate in any physical activities or exercises such as running,
36	PFHB20	Num	8	20. IS YOUR NATURAL MOTHER LIVING?

Num	Variable	Type	Len	Label
37	PFHB21	Num	8	21. Approximately how old was your mother when she died?
38	PFHB22A	Num	8	22a. What was the cause of your natural mother's death?
39	PFHB23	Num	8	23. How old is your mother?
40	PFHB24	Num	8	24. Cancer?
41	PFHB25	Num	8	25. Diabetes(sugar in the blood)?
42	PFHB26A	Num	8	26a. High blood pressure or hypertension?
43	PFHB26B	Num	8	26b. How old was she told that she had high blood pressure or hypertension?
44	PFHB27A	Num	8	27a. Stroke?
45	PFHB27B	Num	8	27b. How old was she when she was told that she had a stroke?
46	PFHB28A	Num	8	28a. Heart disease?
47	PFHB28B	Num	8	28b. How old was she when she was told that she had heart disease?
48	PFHB24A	Num	8	24a. How old was she when she was told she had cancer
49	PFHB25A	Num	8	25a. How old was she when she was told she had diabetes?
50	PFHB20A	Num	8	20a. What is the year of death?
51	PFHB29	Num	8	29. Is your natural father living? do not ask;
52	PFHB30	Num	8	30. Approximately how old was your father when he died?
53	PFHB31A	Num	8	31a. What was the cause of your natural father's death?
54	PFHB32	Num	8	32. How old is your father?
55	PFHB33	Num	8	33. Cancer?
56	PFHB34	Num	8	34. Diabetes(sugar in the blood)?
57	PFHB35A	Num	8	35a. High blood pressure or hypertension?
58	PFHB35B	Num	8	35b. How old was he when he was told that he had high blood pressure or hypertension?
59	PFHB36A	Num	8	36a. Stroke?
60	PFHB36B	Num	8	36b. How old was he when he was told that he had a stroke?
61	PFHB37A	Num	8	37a. Heart disease?
62	PFHB37B	Num	8	37b. How old was he when he was told that he had heart disease?
63	PFHB33A	Num	8	33a. How old was he when he was told he had cancer?
64	PFHB34A	Num	8	34a. How old was he when he was told he had diabetes?
65	PFHB29A	Num	8	29a. What is the year of death?
66	PFHB38A	Num	8	38a. [FULL BROTHERS LIVING. DO NOT ASK;
67	PFHB38B	Num	8	38b. [FULL SISTERS LIVING. DO NOT ASK;
68	PFHB38C	Num	8	38c. Since your JHS Exam 1 (date) are there any others (full brothers or sisters) who are no longer living?
69	PFHB38D	Num	8	38d. How many full brothers are no longer living?
70	PFHB38E	Num	8	38e. How many full sisters are no longer living?
71	PFHB38F	Num	8	38f.[TOTAL NUMBER OF FULL BROTHERS AND FULL SISTERS.
72	PFHB39A	Num	8	39a. Cancer?
73	PFHB39B	Num	8	39b. How many?
74	PFHB40A	Num	8	40a. Diabetes(sugar in the blood)?
75	PFHB40B	Num	8	40b. How many?

Num	Variable	Type	Len	Label
76	PFHB41A	Num	8	41a. High blood pressure or hypertension?
77	PFHB41B	Num	8	41b. How many?
78	PFHB41C	Num	8	41c. Since your exam1(date) how many of these brothers and sisters were younger than 60 years of age when they told they had high blood pressure or hypertension?
79	PFHB42A	Num	8	42a. Stroke?
80	PFHB42B	Num	8	42b. How many?
81	PFHB42C	Num	8	42c. How many of these brothers and sisters were younger than 60 years of age when told they had a stroke?
82	PFHB43A	Num	8	43a. Heart disease?
83	PFHB43B	Num	8	43b. How many?
84	PFHB43C	Num	8	43c. How many of these brothers and sisters were younger than 60 years of age when told they had heart disease?
85	PFHB44A	Num	8	44a. How many live births (Natural Children) have you had?
86	PFHB44B	Num	8	44b. How many natural children are no longer living?
87	PFHB44C	Num	8	44c. How many of your children are over 18 years old?
88	PFHB45A	Num	8	45a. Cancer?
89	PFHB45B	Num	8	45b. How many?
90	PFHB46A	Num	8	46a. Diabetes(sugar in the blood)?
91	PFHB46B	Num	8	46b. How many?
92	PFHB47A	Num	8	47a. High blood pressure or hypertension?
93	PFHB47B	Num	8	47b. How many?
94	PFHB47C	Num	8	47c. How many of these children were younger than 60 years of age when told they had high blood pressure or hypertension?
95	PFHB48A	Num	8	48a. Stroke?
96	PFHB48B	Num	8	48b. How many?
97	PFHB48C	Num	8	48c. How many of these children were younger than 60 years of age when told they had a stroke?
98	PFHB49A	Num	8	49a. Heart disease?
99	PFHB49B	Num	8	49b. How many?
100	PFHB49C	Num	8	49c. How many of these children were younger than 60 years of age when told they had heart disease?
101	PFHBflag	Num	8	Data record present?
102	VERS	Char	1	FORM VERSION

**Data Set Name: rdfb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	RDFB1A	Num	8	1a. Burning or difficulty urinating
4	RDFB1B	Num	8	1b. Urgency of urination, that is, you can't hold it
5	RDFB1C	Num	8	1c. Uncontrolled, or constant urination
6	RDFB1D	Num	8	1d. More frequent urination, particularly at night
7	RDFB1E	Num	8	1e. Foam in the toilet after urination
8	RDFB1F	Num	8	1f. Puffiness around your eyes or swelling of both hands and feet
9	RDFB1G	Num	8	1g. Pain in the small of your back just below the ribs (not caused by movement)
10	RDFB1H	Num	8	1h. Difficulty emptying your bladder
11	RDFB2A	Num	8	2a. Kidney stone?
12	RDFB2B	Num	8	2b. Frequent bladder or urinary tract infections?
13	RDFB2C	Num	8	2c. Anemia (low blood count)?
14	RDFB2D	Num	8	2d. Autoimmune disease, such as lupus?
15	RDFB2E	Num	8	2e. Polycystic kidney diseases?
16	RDFB2F	Num	8	2f. venereal disease (chlamydia, syphilis, or gonorrhea)?
17	RDFB2H	Num	8	2h. Protein in your urine?
18	RDFB2J	Num	8	2j. Temporary or acute renal failure or damage?
19	RDFB3	Num	8	3. Are you now, or have you ever been on kidney dialysis or a kidney machine
20	RDFB4	Num	8	4. were you or have you ever been on kidney dialysis for more than one month?
21	RDFB4A	Num	8	4a. In total, how many years and months were you on/ have been on dialysis?
22	RDFB5	Num	8	5. Have you ever been evaluated to recieve a kidney transplant?
23	RDFB6	Num	8	6. Since your last JHS exam, that is in , have you been told that you have kidney disease?
24	RDFBflag	Num	8	Data record present?
25	VERS	Char	1	FORM VERSION

**Data Set Name: rhxb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	RHXB1	Char	1	1. Have you had any menstrual periods or bleeding during the past 2 year?
4	RHXB2A	Num	8	2. In what month and year was your menstrual period or bleeding
5	RHXB2B	Num	8	2b. In what month and year was your last menstrual period or bleeding?
6	RHXB3	Char	1	3. Was this a natural period, or was it due to the use of hormones, or to some other cause?
7	RHXB4	Num	8	4. [If the response to ITEM 1 is 'No;', ENTER 99} In the past 2 years, how many periods did you miss
8	RHXB5	Char	1	5. Have you reached menopause or the change of life?
9	RHXB6	Num	8	6. At approximately what age did you stop having all menstrual periods or bleeding?
10	RHXB7	Char	1	7. Was your menopause natural or the result of surgery or radiation?
11	rhxb8	Char	1	8. Have you ever reached menopause or the change of life
12	RHXBflag	Num	8	Data record present?
13	VERS	Char	1	FORM VERSION

**Data Set Name: sbpc.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	SBPC1	Num	8	1. Room Temperature (degrees centigrade)
4	SBPC2	Num	8	2. Have you smoked or used chewing tobacco, nicotine gum or snuff today or do you wear a nicotine patch?
5	SBPC3A	Num	8	3a. What time was it when you last smoked or last used chewing tobacco or snuff?(in hrs)
6	SBPC3B	Num	8	3b. What time was it when you last smoked or last used chewing tobacco or snuff?(in mins)
7	SBPC4	Num	8	4. Have you had any caffeinated beverages, such as coffe, tea,or colas,or any chocolate today?
8	SBPC5A	Num	8	5a. What time was it when you had any caffeinated beverage (tea,cola,coffee,or chocolate)?(in hrs)
9	SBPC5B	Num	8	5b. What time was it when you had any caffeinated beverage (tea,cola,coffee,or chocolate)?(in mins)
10	SBPC6	Num	8	6. Have you participated in any intense physical activity in the past 2 hours?
11	SBPC7	Num	8	7. Do you take any medications for high blood pressure?
12	SBPC7A	Num	8	7a. Have you taken your blood pressure medication in the past 2 hours?
13	SBPC8	Num	8	8. Right Arm Circumference (cm)
14	SBPC9	Num	8	9. Cuff Size:
15	SBPC10	Num	8	10. Heart Rate (30 seconds)
16	SBPC11A	Num	8	11a. Time of Day: -in hrs
17	SBPC11B	Num	8	11b. Time of Day: -in mins
18	SBPC12	Num	8	12. P-Set Level
19	SBPC13	Num	8	13. Systolic Reading
20	SBPC14	Num	8	14. Diastolic Reading
21	SBPC15	Num	8	15. Heart Rate Reading
22	SBPC16	Num	8	16. 2nd Systolic Reading
23	SBPC17	Num	8	17. 2nd Diastolic Reading
24	SBPC18	Num	8	18. 2nd Heart Rate Reading
25	SBPC19	Num	8	19. Computed Systolic
26	SBPC20	Num	8	20. Computed Diastolic
27	SBPC21	Num	8	21. Computed Heart Rate
28	SBPCflag	Num	8	Data record present?
29	VERS	Char	1	FORM VERSION

**Data Set Name: slea.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	SLEA1	Num	8	1. How much sleep do you usually get at night (or your main sleep period) on weekdays or workdays?
4	SLEA2	Num	8	2. How long does it usually take you to fall asleep at bedtime?
5	SLEA3	Num	8	3. In the past 12 months, how often do you snore while you are sleeping?
6	SLEA4	Num	8	4. In the past 12 months, how often do you snort, gasp,, or stop breathing while your are asleep?
7	SLEA5A	Num	8	5a. Have trouble falling asleep
8	SLEA5B	Num	8	5b. Wake up during the night and have difficulty getting back to sleep
9	SLEA5C	Num	8	5c. Wake up in the morning and is unable to get back to sleep
10	SLEA5D	Num	8	5d. Feel excessively (overly) sleepy during the day
11	SLEA6	Num	8	6. During the past month, how would you rate your sleep quality overall?
12	SLEA7A	Num	8	7a. Sitting and reading
13	SLEA7B	Num	8	7b. Watching TV
14	SLEA7C	Num	8	7c. Sitting inactive in a public place (such as a theater or a meeting)
15	SLEA7D	Num	8	7d. Riding as a passenger in a car for an hour without a break
16	SLEA7E	Num	8	7e. Lying down to rest in the afternoon when circumstances permit
17	SLEA7F	Num	8	7f. Sitting and talking to to someone
18	SLEA7G	Num	8	7g. Sitting quietly after lunch without alcohol
19	SLEA7H	Num	8	7h. In a car, while stopped for a few minutes in traffic
20	SLEA7I	Num	8	7i. At a dinner table
21	SLEA7J	Num	8	7j. While driving
22	SLEA8A	Num	8	8a. Sleep apnea or obstructive sleep apnea
23	SLEA8B	Num	8	8b. Insomnia
24	SLEA8C	Num	8	8c. Restless legs
25	SLEAflag	Num	8	Data record present?
26	VERS	Char	1	FORM VERSION



**Data Set Name: ssfc.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	SSFC1	Num	8	1. Since your last Jackson Heart Study exam in (mm/dd/yyyy), have you been told by a physician that you had a stroke?
4	SSFC2A	Num	8	2. When did this stroke occur month?
5	SSFC3	Num	8	3. In the past years, since your JHS exams, have you had any sudden loss or changes in speech lasting 24 hours or longer?
6	SSFC4	Num	8	4. Did the episode come on suddenly?
7	SSFC5A	Num	8	5a. Slurred speech like you were drunk?
8	SSFC5B	Num	8	5b. Could talk but the wrong words came out?
9	SSFC5C	Num	8	5c. Know what you wanted to say, but the words would not come out?
10	SSFC5D	Num	8	5d. Could not think of the right words?
11	SSFC5E	Num	8	5e. [IF MORE THAN ONE OF ITEMS A-D INDICATED, ASK "WHICH OF THESE MOST CLOSELY DESCRIBES THE PROBLEMS?"]
12	SSFC2B	Num	8	2b. When did this stroke occur year?
13	SSFC6A	Num	8	6a. Numbness or tingling?
14	SSFC6B	Num	8	6b. Did you have difficulty on:
15	SSFC6C	Num	8	6c. Paralysis or weakness?
16	SSFC6D	Num	8	6d. Did you have difficulty on :
17	SSFC6E	Num	8	6e. Lightheadedness, dizziness, or loss of balance?
18	SSFC6F	Num	8	6f. Blackouts or fainting?
19	SSFC6G	Num	8	6g. Seizures or convulsions?
20	SSFC6H	Num	8	6h. Headache?
21	SSFC6I	Num	8	6i. Visual disturbances?
22	SSFC6J	Num	8	6j. Did you have :[READ ALL CHOICES UNTIL A POSITIVE RESPONSE IS GIVEN]
23	SSFC7	Num	8	7. In the past 5 years, since your last Jackson Heart Study exam, have you had any sudden loss of vision, or blurring, lasting 24 hours or longer?
24	SSFC8	Num	8	8. Did the episode come on suddenly?
25	SSFC9A	Num	8	9a. During the episode, which of the following parts of your vision were affected?
26	SSFC9B	Num	8	9b. Did you have:
27	SSFC10A	Num	8	10a. Speech disturbance?
28	SSFC10B	Num	8	10b. Numbness or tingling?
29	SSFC10C	Num	8	10c. Did you have difficulty on:
30	SSFC10D	Num	8	10d. Paralysis or weakness?
31	SSFC10E	Num	8	10e. Did you have difficulty on:
32	SSFC10F	Num	8	10f. Lightheadedness, dizziness, or loss of balance?
33	SSFC10G	Num	8	10g. Blackouts or fainting?
34	SSFC10H	Num	8	10h. Seizures or convulsions?

Num	Variable	Type	Len	Label
35	SSFC10I	Num	8	10i. Headache?
36	SSFC10J	Num	8	10j. Flashing lights?
37	SSFC11A	Num	8	11a. In the past 5 years, since your last Jackson Heart Study visit, have you had a sudden spell of double vision, which lasted 24 hours or longer?
38	SSFC11B	Num	8	11b. If you closed one eye, did the double vision go away?
39	SSFC12	Num	8	12. Did the episode come on suddenly?
40	SSFC13A	Num	8	13a. Speech disturbance?
41	SSFC13B	Num	8	13b. Numbness or tingling?
42	SSFC13C	Num	8	13c. Did you have difficulty on:
43	SSFC13D	Num	8	13d. Paralysis or weakness?
44	SSFC13E	Num	8	13e. Did you have difficulty on:
45	SSFC13F	Num	8	13f. Lightheadedness, dizziness, or loss of balance?
46	SSFC13G	Num	8	13g. Blackouts or fainting?
47	SSFC13H	Num	8	13h. Seizures or convulsions?
48	SSFC13I	Num	8	13i. Headache?
49	SSFC14	Num	8	14. In the past 5 years, since your last Jackson Heart Study exam, have you ever had sudden numbness, tingling, or loss of feeling on one side of your body, including your face, arm, or leg which lasted 24 hours or longer?
50	SSFC15	Num	8	15. Did the feeling of numbness or tingling occur only when you kept your arms or legs in a certain position?
51	SSFC16	Num	8	16. Did the episode come on suddenly?
52	SSFC17A	Num	8	17a. Left arm or hand?
53	SSFC17B	Num	8	17b. Left leg or foot?
54	SSFC17C	Num	8	17c. Left side of face?
55	SSFC17D	Num	8	17d. Right arm or hand?
56	SSFC17E	Num	8	17e. Right leg or foot?
57	SSFC17F	Num	8	17f. Right side of face?
58	SSFC17G	Num	8	17g. Other?
59	SSFC18	Num	8	18. During this episode, did the abnormal sensation start in one part of your body and spread to another, or did it stay in the same place?
60	SSFC19A	Num	8	19a. Speech disturbance?
61	SSFC19B	Num	8	19b. Paralysis or weakness?
62	SSFC19C	Num	8	19c. Did you have difficulty on:
63	SSFC19D	Num	8	19d. Lightheadedness, dizziness, or loss of balance?
64	SSFC19E	Num	8	19e. Blackouts or fainting?
65	SSFC19F	Num	8	19f. Seizures or convulsions?
66	SSFC19G	Num	8	19g. Headache?
67	SSFC19H	Num	8	19h. Pain in the numb or tingling arm, leg or face?
68	SSFC19I	Num	8	19i. Visual disturbances?
69	SSFC19J	Num	8	19j. Did you have:

Num	Variable	Type	Len	Label
70	SSFC20	Num	8	20. In the past 5 years, since your last Jackson Heart Study exam, have you had any sudden episode of paralysis or weakness on one side of your body, including your face, arm, or leg which lasted at least 24 hours?
71	SSFC21	Num	8	21. Did the episode come on suddenly?
72	SSFC22A	Num	8	22a. Left arm or hand?
73	SSFC22B	Num	8	22b. Left leg or foot?
74	SSFC22C	Num	8	22c. Left side of face?
75	SSFC22D	Num	8	22d. Right arm or hand?
76	SSFC22E	Num	8	22e. Right leg or foot?
77	SSFC22F	Num	8	22f. Right side of face?
78	SSFC22G	Num	8	22g. Other?
79	SSFC23	Num	8	23. During this episode, did the paralysis or weakness start in one part of your body and spread to another, or did it stay in the same place?
80	SSFC24A	Num	8	24a. Speech disturbances?
81	SSFC24B	Num	8	24b. Numbness or tingling?
82	SSFC24C	Num	8	24c. Did you have difficulty on:
83	SSFC24D	Num	8	24d. Lightheadedness, dizziness, or loss of balance?
84	SSFC24E	Num	8	24e. Blackouts or fainting?
85	SSFC24F	Num	8	24f. Seizures or convulsions?
86	SSFC24G	Num	8	24g. Headache?
87	SSFC24H	Num	8	24h. Pain in the weak arm, leg, or face?
88	SSFC24I	Num	8	24i. Visual disturbances?
89	SSFC24J	Num	8	24j. Did you have:
90	SSFC25	Num	8	25. In the past 5 years, since your JHS exam, have you had any sudden spells of dizziness, loss of balance, or sensation of spinning which lasted 24 hours or longer?
91	SSFC26	Num	8	26. Did the dizziness, loss of balance or spinning sensation occur only when changing the position of your head or body?
92	SSFC27A	Num	8	27a. Speech disturbances?
93	SSFC27B	Num	8	27b. Paralysis or weakness?
94	SSFC27C	Num	8	27c. Did you have difficulty on:
95	SSFC27D	Num	8	27d. Numbness or tingling?
96	SSFC27E	Num	8	27e. Did you have difficult on:
97	SSFC27G	Num	8	27g. Seizures or convulsions?
98	SSFC27H	Num	8	27h. Headache?
99	SSFC27F	Num	8	27f. Blackouts or fainting?
100	SSFC27I	Num	8	27i. Visual disturbances?
101	SSFC27J	Num	8	27j. Did you have:
102	SSFC28	Num	8	28. Did the episode of dizziness, loss of balance, or spinning sensation come on suddenly?
103	SSFCflag	Num	8	Data record present?
104	VERS	Char	1	FORM VERSION



**Data Set Name: stxb.sas7bdat**

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	STXB1	Num	8	1. I express my anger
4	STXB2	Num	8	2. I keep things in
5	STXB3	Num	8	3. I pout or sulk
6	STXB4	Num	8	4. I withdraw from people
7	STXB5	Num	8	5. I make sarcastic remarks to others
8	STXB6	Num	8	6. I do things like slam doors
9	STXB7	Num	8	7. I boil inside, but i don't show it
10	STXB8	Num	8	8. I argue with others
11	STXB9	Num	8	9. I tend to harbor grudges that i don't tell anyone about
12	STXB10	Num	8	10. I strike out at whatever infuriates me
13	STXB11	Num	8	11. I am secretly quite critical of others
14	STXB12	Num	8	12. I am angrier than i am willing to admit
15	STXB13	Num	8	13. I say nasty things
16	STXB14	Num	8	14. I'm irritated a great deal more than people are aware of
17	STXB15	Num	8	15. I lose my temper
18	STXB16	Num	8	16. If someone annoys me, i'm apt to tell him or her how i feel
19	STXBflag	Num	8	Data record present?
20	VERS	Char	1	FORM VERSION

**Data Set Name: *tobb.sas7bdat***

Num	Variable	Type	Len	Label
1	newid	Char	7	
2	VISIT	Num	8	CONTACT OCCASION
3	TOBB1	Num	8	1. In the past year about how many hours per week on the average, were you in close contact with people where they were smoking?
4	TOBB2	Num	8	2. Since you initially enrolled in the Jackson heart study, Have you begun to use tobacco for the first time?
5	TOBB3	Num	8	3. Have you smoked at least 400 cigarettes in your lifetime?
6	TOBB4	Num	8	4. How old were you when you first started to smoke cigarettes regularly, that us, every day?
7	TOBB5	Num	8	5. Do you now smoke cigarettes?
8	TOBB6A	Num	8	6a. How long has it been since you last smoked cigarettes (Months)?
9	TOBB6B	Num	8	6b. How long has it been since you last smoked cigarettes (Years)?
10	TOBB7	Num	8	7. How many cigarettes do (did) you smoke per day?
11	TOBB7A	Num	8	7a. Is/Was your current brand of cigarettes menthol flavored?
12	TOBB8	Num	8	8. Do(did) you smoke more frequently during the first few hours after awakening than during the rest of the day?
13	TOBB9	Num	8	9. In the past year, how soon after you wake(woke) up do(did) you smoke your first cigarette?
14	TOBB10	Num	8	10. Of all the cigarettes you smoke (smoked) during the day, which one would you hate to gie up most?
15	TOBB11	Num	8	11. Do (did) you find it difficult to refrain from smoking in places where it is forbidden?
16	TOBB12	Num	8	12. Do (did) you smoke if you are (were) so ill that you are (were) in bed most of the day?
17	TOBB13	Num	8	13. On the average, for the entire time you have smoked, how many cigarettes did you usually smoke per day?
18	TOBB14	Num	8	14. Since you began smoking, for how many years were you off cigarettes?
19	TOBB15	Num	8	15. How deeply do (did) you inhale the cigarette smoke- not at all, slightly, moderately, or deeply?
20	TOBB16	Num	8	16. Have you ever used any other tobacco products regularly, such as cigars or cigarillos, pipes, chewing tobacco, or snuff/dip?
21	TOBB17	Num	8	17. What is the total number of years you have smoked cigars or cigarillos regularly?
22	TOBB18	Num	8	18. Over the course of the entire time you smoked cigars or cigarillos, how many per week have you typically smoked?
23	TOBB19	Num	8	19. Do you currently smoke cigars or cigarillos?
24	TOBB20	Num	8	20. what is the total number of years have you smoked a pipe regularly?
25	TOBB21	Num	8	21. Over the course of the entire time you have smoked a pipe, how many pipefuls per week have you typically smoked?
26	TOBB22	Num	8	22. Do you currently smoke a pipe?
27	TOBB23	Num	8	23. What is the total number of years you have used chewing tobacco regularly?
28	TOBB24	Num	8	24. Over the course of the entire time you have used chewing tobacco, how many pouches per week have you typically chewed?
29	TOBB25	Num	8	25. Do you currently use chewing tobacco?
30	TOBB26	Num	8	26. What is total number of years you have used snuff or dip, such as skoal, bandits or cpenhagen, regularly?
31	TOBB27	Num	8	27. Over the course of the entire time you have used dip or snuff, how many cans per week have you typically used?

Num	Variable	Type	Len	Label
32	TOBB28	Num	8	28. Do you currently use dip or snuff?
33	TOBB29	Num	8	29. In the past 1 year have you ever regularly used a tobacco product?
34	TOBB30	Num	8	30. In the past 12 months , how many cigarettes do (did) you smoke per day?
35	TOBB31	Num	8	31. How soon after you wake (woke) up do (did) you smoke your first cigarette?
36	TOBB32	Num	8	32. In the past 12 months you smoked cigars or cigarillos, how many per week have you typically smoked
37	TOBB33	Num	8	33. In the past 12 months you have smoked a pipe how many peipefuls per week have you typically cmoked?
38	TOBB34	Num	8	34. In the past 12 months you have used chewing tobacco, how many pouches per week have you typically chewed?
39	TOBB35	Num	8	36. In the past 12 months you have used dip or snuff, how many cans per week have you typically used?
40	TOBB30A	Num	8	30a. Is/Was your preferred brand of cigarettes menthol flavored?
41	TOBB36A	Num	8	36a. Bidi
42	TOBB36B	Num	8	36b. Hookah
43	TOBB36C	Num	8	36c. Kreteks
44	TOBB36D	Num	8	36d. Betel quid
45	TOBB36E	Num	8	36e. Herbal Cigarettes
46	TOBB36F	Num	8	36f. Ariva cigalette lozenges
47	TOBBflag	Num	8	Data record present?
48	VERS	Char	1	FORM VERSION

*Data Set Name: ahei2010.sas7bdat*

Num	Variable	Type	Len	Label
1	id	Char	7	
2	veg_score	Num	8	
3	fruit_score	Num	8	
4	wholegrain_score	Num	8	
5	ssb_score	Num	8	
6	nutbean_score	Num	8	
7	red_proc_meat_score	Num	8	
8	transfat_score	Num	8	
9	n3fat_score	Num	8	
10	pufa_score	Num	8	
11	na_score	Num	8	
12	alc_score	Num	8	
13	ahei2010	Num	8	



*Data Set Name: foodgroup\_3factor.sas7bdat*

Num	Variable	Type	Len	Label
1	id	Char	7	
2	Factor1	Num	8	Common Factor 1
3	Factor2	Num	8	Common Factor 2
4	Factor3	Num	8	Common Factor 3

*Data Set Name: foodgroup\_3pca.sas7bdat*

Num	Variable	Type	Len	Label
1	id	Char	7	
2	Factor1	Num	8	Meat and Fast Food
3	Factor2	Num	8	Fish and Vegetables
4	Factor3	Num	8	Starchy Foods

*Data Set Name: foodgroup\_4cluster.sas7bdat*

Num	Variable	Type	Len	Label
1	id	Char	7	
2	fdgroup	Num	8	Cluster

**Data Set Name: *hei2010.sas7bdat***

Num	Variable	Type	Len	Label
1	id	Char	7	
2	HEIX1_TOTALFRUIT	Num	8	HEI-2010 COMPONENT 3 TOTAL FRUIT (0-5)
3	HEIX2_WHOLEFRUIT	Num	8	HEI-2010 COMPONENT 4 WHOLE FRUIT (0-5)
4	HEIX7_TOTPROT	Num	8	HEI-2010 COMPONENT 7 TOTAL PROTEIN FOODS (0-5)
5	HEIX8_SEAPLANT_PROT	Num	8	HEI-2010 COMPONENT 8 SEAFOOD AND PLANT PROTEIN (0-5)
6	HEIX3_TOTALVEG	Num	8	HEI-2010 COMPONENT 1 TOTAL VEGETABLES (0-5)
7	HEIX4_GREEN_AND_BEAN	Num	8	HEI-2010 COMPONENT 2 GREENS AND BEANS (0-5)
8	HEIX5_WHOLEGRAIN	Num	8	HEI-2010 COMPONENT 5 WHOLE GRAINS (0-10)
9	HEIX6_TOTALDAIRY	Num	8	HEI-2010 COMPONENT 6 DAIRY (0-10)
10	HEIX9_FATTYACID	Num	8	HEI-2010 COMPONENT 9 FATTY ACID RATIO (0-10)
11	HEIX10_REFINEDGRAIN	Num	8	HEI-2010 COMPONENT 10 REFINED GRAINS (0-10)
12	HEIX11_SODIUM	Num	8	HEI-2010 COMPONENT 11 SODIUM (0-10)
13	HEIX12_EMPTYCAL	Num	8	HEI-2010 COMPONENT 12 EMPTY CALORIES (0-20)
14	HEI2010	Num	8	Total HEI 2010 Score

**Data Set Name: *jhs\_dash.sas7bdat***

Num	Variable	Type	Len	Label
1	id	Char	7	
2	DASH_totfruit	Num	8	total fruit servings in cup equivalents
3	DASH_totveg	Num	8	total vegetable servings in 1/2 cup equivalents
4	DASH_legumes_nuts	Num	8	Nuts and legumes in ounce equivalents
5	DASH_wholegrains	Num	8	whole grain servings in ounce equivalents
6	DASH_dairy	Num	8	Low fat dairy servings in cup equivalents
7	DASH_totmeats	Num	8	Red and processed meats in ounce equivalents
8	DASH_ssb	Num	8	Sugar-sweetened beverages in fluid ounce equivalents
9	Sffq_kcal	Num	8	Energy (kcal)
10	DASH_sodium	Num	8	sodium intake in grams
11	sex	Char	6	Participant Sex
12	sub_fruit	Num	8	Subscore of fruits
13	sub_veg	Num	8	Subscore of vegetables
14	sub_legumes	Num	8	Subscore of legumes
15	sub_WG	Num	8	Subscore of whole grains
16	sub_dairy	Num	8	Subscore of dairy
17	sub_meats	Num	8	Subscore of meats
18	sub_ssb	Num	8	Subscore of sugar sweetened beverages
19	sub_sodium	Num	8	Subscore of sodium
20	DASH	Num	8	Total DASH score

**Data Set Name: *jhs\_dt\_food\_073117.sas7bdat***

Num	Variable	Type	Len	Label
1	id	Char	7	
2	SffqES_grams	Num	8	Total Grams (g) , excl suppl
3	SffqES_kcal	Num	8	Energy (kcal), excl suppl
4	SffqES_fat	Num	8	Total Fat (g) , excl suppl
5	SffqES_tcho	Num	8	Total Carbohydrate (g) , excl suppl
6	SffqES_pro	Num	8	Total Protein (g) , excl suppl
7	SffqES_apro	Num	8	Animal Protein (g) , excl suppl
8	SffqES_vpro	Num	8	Vegetable Protein (g) , excl suppl
9	SffqES_alc	Num	8	Alcohol (g) , excl suppl
10	SffqES_chol	Num	8	Cholesterol (mg), excl suppl
11	SffqES_sfa	Num	8	Total Saturated Fatty Acids (SFA) (g) , excl suppl
12	SffqES_mfa	Num	8	Total Monounsaturated Fatty Acids (MUFA) (g) , excl suppl
13	SffqES_pfa	Num	8	Total Polyunsaturated Fatty Acids (PUFA) (g) , excl suppl
14	SffqES_fruc	Num	8	Fructose (g) , excl suppl
15	SffqES_gala	Num	8	Galactose (g) , excl suppl
16	SffqES_gluc	Num	8	Glucose (g) , excl suppl
17	SffqES_lact	Num	8	Lactose (g) , excl suppl
18	SffqES_malt	Num	8	Maltose (g) , excl suppl
19	SffqES_sucr	Num	8	Sucrose (g) , excl suppl
20	SffqES_star	Num	8	Starch (g) , excl suppl
21	SffqES_dfib	Num	8	Total Dietary Fiber (g) , excl suppl
22	SffqES_wsdf	Num	8	Soluble Dietary Fiber (g) , excl suppl
23	SffqES_ifib	Num	8	Insoluble Dietary Fiber (g) , excl suppl
24	SffqES_pect	Num	8	Pectins (g) , excl suppl
25	SffqES_va	Num	8	Total Vitamin A Activity (IU) (IU), excl suppl
26	SffqES_bceq	Num	8	Beta-Carotene Equivalents (mcg), excl suppl
27	SffqES_rl	Num	8	Retinol (mcg), excl suppl
28	SffqES_vd	Num	8	Vitamin D (calciferol) (mcg), excl suppl
29	SffqES_ttc	Num	8	Total Alpha-Tocopherol Equivalents (mg), excl suppl
30	SffqES_atc	Num	8	Vitamin E (Total Alpha-Tocopherol) (mg), excl suppl
31	SffqES_btc	Num	8	Beta-Tocopherol (mg), excl suppl
32	SffqES_gtc	Num	8	Gamma-Tocopherol (mg), excl suppl
33	SffqES_dtc	Num	8	Delta-Tocopherol (mg), excl suppl
34	SffqES_vk	Num	8	Vitamin K (phylloquinone) (mcg), excl suppl
35	SffqES_vc	Num	8	Vitamin C (ascorbic acid) (mg), excl suppl
36	SffqES_thi	Num	8	Thiamin (vitamin B1) (mg), excl suppl
37	SffqES_rib	Num	8	Riboflavin (vitamin B2) (mg), excl suppl

Num	Variable	Type	Len	Label
38	SffqES_nia	Num	8	Niacin (vitamin B3) (mg), excl suppl
39	SffqES_pant	Num	8	Pantothenic Acid (mg), excl suppl
40	SffqES_vb6	Num	8	Vitamin B-6 (mg), excl suppl
41	SffqES_fol	Num	8	Total Folate (mcg), excl suppl
42	SffqES_vb12	Num	8	Vitamin B-12 (mcg), excl suppl
43	SffqES_ca	Num	8	Calcium (mg), excl suppl
44	SffqES_p	Num	8	Phosphorus (mg), excl suppl
45	SffqES_mg	Num	8	Magnesium (mg), excl suppl
46	SffqES_fe	Num	8	Iron (mg), excl suppl
47	SffqES_zn	Num	8	Zinc (mg), excl suppl
48	SffqES_cu	Num	8	Copper (mg), excl suppl
49	SffqES_se	Num	8	Selenium (mcg), excl suppl
50	SffqES_na	Num	8	Sodium (mg), excl suppl
51	SffqES_k	Num	8	Potassium (mg), excl suppl
52	SffqES_s04_0	Num	8	SFA 4:0 (butyric acid) (g) , excl suppl
53	SffqES_s06_0	Num	8	SFA 6:0 (caproic acid) (g) , excl suppl
54	SffqES_s08_0	Num	8	SFA 8:0 (caprylic acid) (g) , excl suppl
55	SffqES_s10_0	Num	8	SFA 10:0 (capric acid) (g) , excl suppl
56	SffqES_s12_0	Num	8	SFA 12:0 (lauric acid) (g) , excl suppl
57	SffqES_s14_0	Num	8	SFA 14:0 (myristic acid) (g) , excl suppl
58	SffqES_s16_0	Num	8	SFA 16:0 (palmitic acid) (g) , excl suppl
59	SffqES_s17_0	Num	8	SFA 17:0 (margaric acid) (g) , excl suppl
60	SffqES_s18_0	Num	8	SFA 18:0 (stearic acid) (g) , excl suppl
61	SffqES_s20_0	Num	8	SFA 20:0 (arachidic acid) (g) , excl suppl
62	SffqES_s22_0	Num	8	SFA 22:0 (behenic acid) (g) , excl suppl
63	SffqES_m14_1	Num	8	MUFA 14:1 (myristoleic acid) (g) , excl suppl
64	SffqES_m16_1	Num	8	MUFA 16:1 (palmitoleic acid) (g) , excl suppl
65	SffqES_m18_1	Num	8	MUFA 18:1 (oleic acid) (g) , excl suppl
66	SffqES_m20_1	Num	8	MUFA 20:1 (gadoleic acid) (g) , excl suppl
67	SffqES_m22_1	Num	8	MUFA 22:1 (erucic acid) (g) , excl suppl
68	SffqES_p18_2	Num	8	PUFA 18:2 (linoleic acid) (g) , excl suppl
69	SffqES_p18_3	Num	8	PUFA 18:3 (linolenic acid) (g) , excl suppl
70	SffqES_p18_4	Num	8	PUFA 18:4 (parinaric acid) (g) , excl suppl
71	SffqES_p20_4	Num	8	PUFA 20:4 (arachidonic acid) (g) , excl suppl
72	SffqES_p20_5	Num	8	PUFA 20:5 (eicosapentaenoic acid [EPA]) (g) , excl suppl
73	SffqES_p22_5	Num	8	PUFA 22:5 (docosapentaenoic acid [DPA]) (g) , excl suppl
74	SffqES_p22_6	Num	8	PUFA 22:6 (docosahexaenoic acid [DHA]) (g) , excl suppl
75	SffqES_trypt	Num	8	Tryptophan (g) , excl suppl
76	SffqES_thre	Num	8	Threonine (g) , excl suppl

Num	Variable	Type	Len	Label
77	SffqES_isol	Num	8	Isoleucine (g) , excl suppl
78	SffqES_leuc	Num	8	Leucine (g) , excl suppl
79	SffqES_lysi	Num	8	Lysine (g) , excl suppl
80	SffqES_meth	Num	8	Methionine (g) , excl suppl
81	SffqES_cyst	Num	8	Cystine (g) , excl suppl
82	SffqES_phen	Num	8	Phenylalanine (g) , excl suppl
83	SffqES_tyro	Num	8	Tyrosine (g) , excl suppl
84	SffqES_vali	Num	8	Valine (g) , excl suppl
85	SffqES_argi	Num	8	Arginine (g) , excl suppl
86	SffqES_hist	Num	8	Histidine (g) , excl suppl
87	SffqES_alan	Num	8	Alanine (g) , excl suppl
88	SffqES_aspa	Num	8	Aspartic Acid (g) , excl suppl
89	SffqES_glut	Num	8	Glutamic Acid (g) , excl suppl
90	SffqES_glyc	Num	8	Glycine (g) , excl suppl
91	SffqES_prol	Num	8	Proline (g) , excl suppl
92	SffqES_seri	Num	8	Serine (g) , excl suppl
93	SffqES_aspt	Num	8	Aspartame (mg), excl suppl
94	SffqES_sacc	Num	8	Saccharin (mg), excl suppl
95	SffqES_caf	Num	8	Caffeine (mg), excl suppl
96	SffqES_phyt	Num	8	Phytic Acid (mg), excl suppl
97	SffqES_oxal	Num	8	Oxalic Acid (mg), excl suppl
98	SffqES_mh3	Num	8	3-Methylhistidine (mg), excl suppl
99	SffqES_sp	Num	8	Sucrose Polyester (g) , excl suppl
100	SffqES_ash	Num	8	Ash (g) , excl suppl
101	SffqES_w	Num	8	Water (g) , excl suppl
102	SffqES_vare	Num	8	Total Vitamin A Activity (RE) (mcg), excl suppl
103	SffqES_f181t	Num	8	TRANS 18:1 (trans-octadecenoic acid) (g) , excl suppl
104	SffqES_f182t	Num	8	TRANS 18:2 (trans-octadecadienoic acid) (g) , excl suppl
105	SffqES_f161t	Num	8	TRANS 16:1 (trans-hexadecenoic acid) (g) , excl suppl
106	SffqES_ttfa	Num	8	Total Trans-Fatty Acids (TRANS) (g) , excl suppl
107	SffqES_bcar	Num	8	Beta-Carotene (provitamin A carotenoid) (mcg), excl suppl
108	SffqES_acar	Num	8	Alpha-Carotene (provitamin A carotenoid) (mcg), excl suppl
109	SffqES_bcry	Num	8	Beta-Cryptoxanthin (provitamin A carotenoid) (mcg), excl suppl
110	SffqES_lz	Num	8	Lutein + Zeaxanthin (mcg), excl suppl
111	SffqES_lyco	Num	8	Lycopene (mcg), excl suppl
112	SffqES_dfe	Num	8	Dietary Folate Equivalents (mcg), excl suppl
113	SffqES_nfol	Num	8	Natural Folate (mcg), excl suppl
114	SffqES_sfol	Num	8	Synthetic Folate (mcg), excl suppl
115	SffqES_varae	Num	8	Total Vitamin A Activity (RAE) (mcg), excl suppl



Num	Variable	Type	Len	Label
116	SffqES_kj	Num	8	Energy (kilojoules) (kj), excl suppl
117	SffqES_niae	Num	8	Niacin Equivalents (mg), excl suppl
118	SffqES_tsugar	Num	8	Total Sugars (g) , excl suppl
119	SffqES_omega3	Num	8	Omega-3 Fatty Acids (g) , excl suppl
120	SffqES_mn	Num	8	Manganese (mg), excl suppl
121	SffqES_vite	Num	8	Vitamin E (IU) (IU), excl suppl
122	SffqES_natatoc	Num	8	Natural Alpha-Tocopherol (mg), excl suppl
123	SffqES_synatoc	Num	8	Synthetic Alpha-Tocopherol (mg), excl suppl
124	SffqES_daid	Num	8	Daidzein (mg), excl suppl
125	SffqES_geni	Num	8	Genistein (mg), excl suppl
126	SffqES_glyt	Num	8	Glycitein (mg), excl suppl
127	SffqES_coum	Num	8	Coumestrol (mg), excl suppl
128	SffqES_bioa	Num	8	Biochanin A (mg), excl suppl
129	SffqES_formon	Num	8	Formononetin (mg), excl suppl
130	SffqES_asugar	Num	8	Added Sugars (g) , excl suppl
131	SffqES_acesk	Num	8	Acesulfame Potassium (mg), excl suppl
132	SffqES_sucl	Num	8	Sucralose (mg), excl suppl
133	SffqES_acho	Num	8	Available Carbohydrate (g) , excl suppl
134	SffqES_gig	Num	8	Glycemic Index (glucose reference) , excl suppl
135	SffqES_gib	Num	8	Glycemic Index (bread reference) , excl suppl
136	SffqES_glg	Num	8	Glycemic Load (glucose reference) , excl suppl
137	SffqES_glb	Num	8	Glycemic Load (bread reference) , excl suppl
138	SffqES_choline	Num	8	Choline (mg), excl suppl
139	SffqES_betaine	Num	8	Betaine (mg), excl suppl
140	SffqES_eryth	Num	8	Erythritol (g) , excl suppl
141	SffqES_inos	Num	8	Inositol (g) , excl suppl
142	SffqES_isom	Num	8	Isomalt (g) , excl suppl
143	SffqES_lactl	Num	8	Lactitol (g) , excl suppl
144	SffqES_maltitol	Num	8	Maltitol (g) , excl suppl
145	SffqES_mani	Num	8	Mannitol (g) , excl suppl
146	SffqES_pini	Num	8	Pinitol (g) , excl suppl
147	SffqES_sorb	Num	8	Sorbitol (g) , excl suppl
148	SffqES_xyli	Num	8	Xylitol (g) , excl suppl
149	SffqES_nitrogen	Num	8	Nitrogen (g) , excl suppl
150	SffqES_cla_total	Num	8	Total Conjugated Linoleic Acid (CLA 18:2) (g) , excl suppl
151	SffqES_cla_c9t11	Num	8	CLA cis-9, trans-11 (g) , excl suppl
152	SffqES_cla_t10c12	Num	8	CLA trans-10, cis-12 (g) , excl suppl
153	SffqES_tag	Num	8	Tagatose (mg), excl suppl
154	SffqES_vd2	Num	8	Vitamin D2 (ergocalciferol) (mcg), excl suppl

Num	Variable	Type	Len	Label
155	SffqES_vd3	Num	8	Vitamin D3 (cholecalciferol) (mcg), excl suppl
156	pct_fat_es	Num	8	Total fat, % energy
157	pct_pro_es	Num	8	Total protein, % energy, excl suppl
158	pct_cho_es	Num	8	Total carbohydrates, % energy, excl suppl
159	pct_alc_es	Num	8	Total alcohol, % energy, excl suppl

**Data Set Name: *jhs\_dt\_foodwsupp\_073117.sas7bdat***

Num	Variable	Type	Len	Label
1	id	Char	7	
2	N_BLANK	Num	8	total number of missing food
3	supp_use	Num	4	Supplement use
4	n_blank_gt5	Num	8	More than 5 blanks in FFQ
5	Sffq_grams	Num	8	Total Grams (g)
6	Sffq_kcal	Num	8	Energy (kcal)
7	Sffq_fat	Num	8	Total Fat (g)
8	Sffq_tcho	Num	8	Total Carbohydrate (g)
9	Sffq_pro	Num	8	Total Protein (g)
10	Sffq_apro	Num	8	Animal Protein (g)
11	Sffq_vpro	Num	8	Vegetable Protein (g)
12	Sffq_alc	Num	8	Alcohol (g)
13	Sffq_chol	Num	8	Cholesterol (mg)
14	Sffq_sfa	Num	8	Total Saturated Fatty Acids (SFA) (g)
15	Sffq_mfa	Num	8	Total Monounsaturated Fatty Acids (MUFA) (g)
16	Sffq_pfa	Num	8	Total Polyunsaturated Fatty Acids (PUFA) (g)
17	Sffq_fruc	Num	8	Fructose (g)
18	Sffq_gala	Num	8	Galactose (g)
19	Sffq_gluc	Num	8	Glucose (g)
20	Sffq_lact	Num	8	Lactose (g)
21	Sffq_malt	Num	8	Maltose (g)
22	Sffq_sucr	Num	8	Sucrose (g)
23	Sffq_star	Num	8	Starch (g)
24	Sffq_dfib	Num	8	Total Dietary Fiber (g)
25	Sffq_wsdf	Num	8	Soluble Dietary Fiber (g)
26	Sffq_ifib	Num	8	Insoluble Dietary Fiber (g)
27	Sffq_pect	Num	8	Pectins (g)
28	Sffq_va	Num	8	Total Vitamin A Activity (IU) (IU)
29	Sffq_bceq	Num	8	Beta-Carotene Equivalents (mcg)
30	Sffq_rl	Num	8	Retinol (mcg)
31	Sffq_vd	Num	8	Vitamin D (calciferol) (mcg)
32	Sffq_ttc	Num	8	Total Alpha-Tocopherol Equivalents (mg)
33	Sffq_atc	Num	8	Vitamin E (Total Alpha-Tocopherol) (mg)
34	Sffq_btc	Num	8	Beta-Tocopherol (mg)
35	Sffq_gtc	Num	8	Gamma-Tocopherol (mg)
36	Sffq_dtc	Num	8	Delta-Tocopherol (mg)
37	Sffq_vk	Num	8	Vitamin K (phylloquinone) (mcg)

Num	Variable	Type	Len	Label
38	Sffq_vc	Num	8	Vitamin C (ascorbic acid) (mg)
39	Sffq_thi	Num	8	Thiamin (vitamin B1) (mg)
40	Sffq_rib	Num	8	Riboflavin (vitamin B2) (mg)
41	Sffq_nia	Num	8	Niacin (vitamin B3) (mg)
42	Sffq_pant	Num	8	Pantothenic Acid (mg)
43	Sffq_vb6	Num	8	Vitamin B-6 (mg)
44	Sffq_fol	Num	8	Total Folate (mcg)
45	Sffq_vb12	Num	8	Vitamin B-12 (mcg)
46	Sffq_ca	Num	8	Calcium (mg)
47	Sffq_p	Num	8	Phosphorus (mg)
48	Sffq_mg	Num	8	Magnesium (mg)
49	Sffq_fe	Num	8	Iron (mg)
50	Sffq_zn	Num	8	Zinc (mg)
51	Sffq_cu	Num	8	Copper (mg)
52	Sffq_se	Num	8	Selenium (mcg)
53	Sffq_na	Num	8	Sodium (mg)
54	Sffq_k	Num	8	Potassium (mg)
55	Sffq_s04_0	Num	8	SFA 4:0 (butyric acid) (g)
56	Sffq_s06_0	Num	8	SFA 6:0 (caproic acid) (g)
57	Sffq_s08_0	Num	8	SFA 8:0 (caprylic acid) (g)
58	Sffq_s10_0	Num	8	SFA 10:0 (capric acid) (g)
59	Sffq_s12_0	Num	8	SFA 12:0 (lauric acid) (g)
60	Sffq_s14_0	Num	8	SFA 14:0 (myristic acid) (g)
61	Sffq_s16_0	Num	8	SFA 16:0 (palmitic acid) (g)
62	Sffq_s17_0	Num	8	SFA 17:0 (margaric acid) (g)
63	Sffq_s18_0	Num	8	SFA 18:0 (stearic acid) (g)
64	Sffq_s20_0	Num	8	SFA 20:0 (arachidic acid) (g)
65	Sffq_s22_0	Num	8	SFA 22:0 (behenic acid) (g)
66	Sffq_m14_1	Num	8	MUFA 14:1 (myristoleic acid) (g)
67	Sffq_m16_1	Num	8	MUFA 16:1 (palmitoleic acid) (g)
68	Sffq_m18_1	Num	8	MUFA 18:1 (oleic acid) (g)
69	Sffq_m20_1	Num	8	MUFA 20:1 (gadoleic acid) (g)
70	Sffq_m22_1	Num	8	MUFA 22:1 (erucic acid) (g)
71	Sffq_p18_2	Num	8	PUFA 18:2 (linoleic acid) (g)
72	Sffq_p18_3	Num	8	PUFA 18:3 (linolenic acid) (g)
73	Sffq_p18_4	Num	8	PUFA 18:4 (parinaric acid) (g)
74	Sffq_p20_4	Num	8	PUFA 20:4 (arachidonic acid) (g)
75	Sffq_p20_5	Num	8	PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
76	Sffq_p22_5	Num	8	PUFA 22:5 (docosapentaenoic acid [DPA]) (g)

Num	Variable	Type	Len	Label
77	Sffq_p22_6	Num	8	PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
78	Sffq_tryp	Num	8	Tryptophan (g)
79	Sffq_thre	Num	8	Threonine (g)
80	Sffq_isol	Num	8	Isoleucine (g)
81	Sffq_leuc	Num	8	Leucine (g)
82	Sffq_lysi	Num	8	Lysine (g)
83	Sffq_meth	Num	8	Methionine (g)
84	Sffq_cyst	Num	8	Cystine (g)
85	Sffq_phen	Num	8	Phenylalanine (g)
86	Sffq_tyro	Num	8	Tyrosine (g)
87	Sffq_vali	Num	8	Valine (g)
88	Sffq_argi	Num	8	Arginine (g)
89	Sffq_hist	Num	8	Histidine (g)
90	Sffq_alan	Num	8	Alanine (g)
91	Sffq_aspa	Num	8	Aspartic Acid (g)
92	Sffq_glut	Num	8	Glutamic Acid (g)
93	Sffq_glyc	Num	8	Glycine (g)
94	Sffq_prol	Num	8	Proline (g)
95	Sffq_seri	Num	8	Serine (g)
96	Sffq_aspt	Num	8	Aspartame (mg)
97	Sffq_sacc	Num	8	Saccharin (mg)
98	Sffq_caf	Num	8	Caffeine (mg)
99	Sffq_phyt	Num	8	Phytic Acid (mg)
100	Sffq_oxal	Num	8	Oxalic Acid (mg)
101	Sffq_mh3	Num	8	3-Methylhistidine (mg)
102	Sffq_sp	Num	8	Sucrose Polyester (g)
103	Sffq_ash	Num	8	Ash (g)
104	Sffq_w	Num	8	Water (g)
105	Sffq_vare	Num	8	Total Vitamin A Activity (RE) (mcg)
106	Sffq_f181t	Num	8	TRANS 18:1 (trans-octadecenoic acid) (g)
107	Sffq_f182t	Num	8	TRANS 18:2 (trans-octadecadienoic acid) (g)
108	Sffq_f161t	Num	8	TRANS 16:1 (trans-hexadecenoic acid) (g)
109	Sffq_ttfa	Num	8	Total Trans-Fatty Acids (TRANS) (g)
110	Sffq_bcar	Num	8	Beta-Carotene (provitamin A carotenoid) (mcg)
111	Sffq_acar	Num	8	Alpha-Carotene (provitamin A carotenoid) (mcg)
112	Sffq_bcry	Num	8	Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
113	Sffq_lz	Num	8	Lutein + Zeaxanthin (mcg)
114	Sffq_lyco	Num	8	Lycopene (mcg)
115	Sffq_dfe	Num	8	Dietary Folate Equivalents (mcg)

Num	Variable	Type	Len	Label
116	Sffq_nfol	Num	8	Natural Folate (mcg)
117	Sffq_sfol	Num	8	Synthetic Folate (mcg)
118	Sffq_varae	Num	8	Total Vitamin A Activity (RAE) (mcg)
119	Sffq_kj	Num	8	Energy (kilojoules) (kj)
120	Sffq_niaeq	Num	8	Niacin Equivalents (mg)
121	Sffq_tsugar	Num	8	Total Sugars (g)
122	Sffq_omega3	Num	8	Omega-3 Fatty Acids (g)
123	Sffq_mn	Num	8	Manganese (mg)
124	Sffq_vite	Num	8	Vitamin E (IU) (IU)
125	Sffq_natatoc	Num	8	Natural Alpha-Tocopherol (mg)
126	Sffq_synatoc	Num	8	Synthetic Alpha-Tocopherol (mg)
127	Sffq_daid	Num	8	Daidzein (mg)
128	Sffq_geni	Num	8	Genistein (mg)
129	Sffq_glyt	Num	8	Glycitein (mg)
130	Sffq_coum	Num	8	Coumestrol (mg)
131	Sffq_bioa	Num	8	Biochanin A (mg)
132	Sffq_formon	Num	8	Formononetin (mg)
133	Sffq_asugar	Num	8	Added Sugars (g)
134	Sffq_acesk	Num	8	Acesulfame Potassium (mg)
135	Sffq_sucl	Num	8	Sucralose (mg)
136	Sffq_acho	Num	8	Available Carbohydrate (g)
137	Sffq_gig	Num	8	Glycemic Index (glucose reference)
138	Sffq_gib	Num	8	Glycemic Index (bread reference)
139	Sffq_glg	Num	8	Glycemic Load (glucose reference)
140	Sffq_glb	Num	8	Glycemic Load (bread reference)
141	Sffq_choline	Num	8	Choline (mg)
142	Sffq_betaine	Num	8	Betaine (mg)
143	Sffq_eryth	Num	8	Erythritol (g)
144	Sffq_inos	Num	8	Inositol (g)
145	Sffq_isom	Num	8	Isomalt (g)
146	Sffq_lactl	Num	8	Lactitol (g)
147	Sffq_maltitol	Num	8	Maltitol (g)
148	Sffq_mani	Num	8	Mannitol (g)
149	Sffq_pini	Num	8	Pinitol (g)
150	Sffq_sorb	Num	8	Sorbitol (g)
151	Sffq_xyli	Num	8	Xylitol (g)
152	Sffq_nitrogen	Num	8	Nitrogen (g)
153	Sffq_cla_total	Num	8	Total Conjugated Linoleic Acid (CLA 18:2) (g)
154	Sffq_cla_c9t11	Num	8	CLA cis-9, trans-11 (g)

Num	Variable	Type	Len	Label
155	Sffq_cla_t10c12	Num	8	CLA trans-10, cis-12 (g)
156	Sffq_tag	Num	8	Tagatose (mg)
157	Sffq_vd2	Num	8	Vitamin D2 (ergocalciferol) (mcg)
158	Sffq_vd3	Num	8	Vitamin D3 (cholecalciferol) (mcg)
159	pct_fat	Num	8	Total fat, % energy
160	pct_pro	Num	8	Total protein, % energy
161	pct_cho	Num	8	Total carbohydrates, % energy
162	pct_alc	Num	8	Total alcohol, % energy
163	kcal_600_4800	Num	8	Kcal <600 or >4800
164	invalid	Num	8	Kcal <600 or >4800 or GT 5 blanks

**Data Set Name: *jhs\_foodlevel\_073117.sas7bdat***

Num	Variable	Type	Len	Label
1	db_loc	Char	5	NAME OF FORMER VARIABLE
2	id	Char	7	
3	shtgrp	Char	3	Short group food categories
4	tuftgrp	Char	5	Tuft group food categories
5	ITEMNAM	Char	50	Line item name
6	FOODNAME	Char	50	Line item subcomponent name
7	fd_grams	Num	8	Total Grams (g)
8	fd_kcal	Num	8	Energy (kcal)
9	fd_fat	Num	8	Total Fat (g)
10	fd_tcho	Num	8	Total Carbohydrate (g)
11	fd_pro	Num	8	Total Protein (g)
12	fd_apro	Num	8	Animal Protein (g)
13	fd_vpro	Num	8	Vegetable Protein (g)
14	fd_alc	Num	8	Alcohol (g)
15	fd_chol	Num	8	Cholesterol (mg)
16	fd_sfa	Num	8	Total Saturated Fatty Acids (SFA) (g)
17	fd_mfa	Num	8	Total Monounsaturated Fatty Acids (MUFA) (g)
18	fd_pfa	Num	8	Total Polyunsaturated Fatty Acids (PUFA) (g)
19	fd_fruc	Num	8	Fructose (g)
20	fd_gala	Num	8	Galactose (g)
21	fd_gluc	Num	8	Glucose (g)
22	fd_lact	Num	8	Lactose (g)
23	fd_malt	Num	8	Maltose (g)
24	fd_sucr	Num	8	Sucrose (g)
25	fd_star	Num	8	Starch (g)
26	fd_dfib	Num	8	Total Dietary Fiber (g)
27	fd_wsdf	Num	8	Soluble Dietary Fiber (g)
28	fd_ifib	Num	8	Insoluble Dietary Fiber (g)
29	fd_pect	Num	8	Pectins (g)
30	fd_va	Num	8	Total Vitamin A Activity (IU) (IU)
31	fd_bceq	Num	8	Beta-Carotene Equivalents (mcg)
32	fd_rl	Num	8	Retinol (mcg)
33	fd_vd	Num	8	Vitamin D (calciferol) (mcg)
34	fd_ttc	Num	8	Total Alpha-Tocopherol Equivalents (mg)
35	fd_atc	Num	8	Vitamin E (Total Alpha-Tocopherol) (mg)
36	fd_btc	Num	8	Beta-Tocopherol (mg)
37	fd_gtc	Num	8	Gamma-Tocopherol (mg)



Num	Variable	Type	Len	Label
38	fd_dtc	Num	8	Delta-Tocopherol (mg)
39	fd_vk	Num	8	Vitamin K (phylloquinone) (mcg)
40	fd_vc	Num	8	Vitamin C (ascorbic acid) (mg)
41	fd_thi	Num	8	Thiamin (vitamin B1) (mg)
42	fd_rib	Num	8	Riboflavin (vitamin B2) (mg)
43	fd_nia	Num	8	Niacin (vitamin B3) (mg)
44	fd_pant	Num	8	Pantothenic Acid (mg)
45	fd_vb6	Num	8	Vitamin B-6 (mg)
46	fd_fol	Num	8	Total Folate (mcg)
47	fd_vb12	Num	8	Vitamin B-12 (mcg)
48	fd_ca	Num	8	Calcium (mg)
49	fd_p	Num	8	Phosphorus (mg)
50	fd_mg	Num	8	Magnesium (mg)
51	fd_fe	Num	8	Iron (mg)
52	fd_zn	Num	8	Zinc (mg)
53	fd_cu	Num	8	Copper (mg)
54	fd_se	Num	8	Selenium (mcg)
55	fd_na	Num	8	Sodium (mg)
56	fd_k	Num	8	Potassium (mg)
57	fd_s04_0	Num	8	SFA 4:0 (butyric acid) (g)
58	fd_s06_0	Num	8	SFA 6:0 (caproic acid) (g)
59	fd_s08_0	Num	8	SFA 8:0 (caprylic acid) (g)
60	fd_s10_0	Num	8	SFA 10:0 (capric acid) (g)
61	fd_s12_0	Num	8	SFA 12:0 (lauric acid) (g)
62	fd_s14_0	Num	8	SFA 14:0 (myristic acid) (g)
63	fd_s16_0	Num	8	SFA 16:0 (palmitic acid) (g)
64	fd_s17_0	Num	8	SFA 17:0 (margaric acid) (g)
65	fd_s18_0	Num	8	SFA 18:0 (stearic acid) (g)
66	fd_s20_0	Num	8	SFA 20:0 (arachidic acid) (g)
67	fd_s22_0	Num	8	SFA 22:0 (behenic acid) (g)
68	fd_m14_1	Num	8	MUFA 14:1 (myristoleic acid) (g)
69	fd_m16_1	Num	8	MUFA 16:1 (palmitoleic acid) (g)
70	fd_m18_1	Num	8	MUFA 18:1 (oleic acid) (g)
71	fd_m20_1	Num	8	MUFA 20:1 (gadoleic acid) (g)
72	fd_m22_1	Num	8	MUFA 22:1 (erucic acid) (g)
73	fd_p18_2	Num	8	PUFA 18:2 (linoleic acid) (g)
74	fd_p18_3	Num	8	PUFA 18:3 (linolenic acid) (g)
75	fd_p18_4	Num	8	PUFA 18:4 (parinaric acid) (g)
76	fd_p20_4	Num	8	PUFA 20:4 (arachidonic acid) (g)

Num	Variable	Type	Len	Label
77	fd_p20_5	Num	8	PUFA 20:5 (eicosapentaenoic acid [EPA]) (g)
78	fd_p22_5	Num	8	PUFA 22:5 (docosapentaenoic acid [DPA]) (g)
79	fd_p22_6	Num	8	PUFA 22:6 (docosahexaenoic acid [DHA]) (g)
80	fd_tryp	Num	8	Tryptophan (g)
81	fd_thre	Num	8	Threonine (g)
82	fd_isol	Num	8	Isoleucine (g)
83	fd_leuc	Num	8	Leucine (g)
84	fd_lysi	Num	8	Lysine (g)
85	fd_meth	Num	8	Methionine (g)
86	fd_cyst	Num	8	Cystine (g)
87	fd_phen	Num	8	Phenylalanine (g)
88	fd_tyro	Num	8	Tyrosine (g)
89	fd_vali	Num	8	Valine (g)
90	fd_argi	Num	8	Arginine (g)
91	fd_hist	Num	8	Histidine (g)
92	fd_alan	Num	8	Alanine (g)
93	fd_aspa	Num	8	Aspartic Acid (g)
94	fd_glut	Num	8	Glutamic Acid (g)
95	fd_glyc	Num	8	Glycine (g)
96	fd_prol	Num	8	Proline (g)
97	fd_seri	Num	8	Serine (g)
98	fd_aspt	Num	8	Aspartame (mg)
99	fd_sacc	Num	8	Saccharin (mg)
100	fd_caf	Num	8	Caffeine (mg)
101	fd_phyt	Num	8	Phytic Acid (mg)
102	fd_oxal	Num	8	Oxalic Acid (mg)
103	fd_mh3	Num	8	3-Methylhistidine (mg)
104	fd_sp	Num	8	Sucrose Polyester (g)
105	fd_ash	Num	8	Ash (g)
106	fd_w	Num	8	Water (g)
107	fd_vare	Num	8	Total Vitamin A Activity (RE) (mcg)
108	fd_f181t	Num	8	TRANS 18:1 (trans-octadecenoic acid) (g)
109	fd_f182t	Num	8	TRANS 18:2 (trans-octadecadienoic acid) (g)
110	fd_f161t	Num	8	TRANS 16:1 (trans-hexadecenoic acid) (g)
111	fd_ttfa	Num	8	Total Trans-Fatty Acids (TRANS) (g)
112	fd_bcar	Num	8	Beta-Carotene (provitamin A carotenoid) (mcg)
113	fd_acar	Num	8	Alpha-Carotene (provitamin A carotenoid) (mcg)
114	fd_bcry	Num	8	Beta-Cryptoxanthin (provitamin A carotenoid) (mcg)
115	fd_lz	Num	8	Lutein + Zeaxanthin (mcg)

Num	Variable	Type	Len	Label
116	fd_lyco	Num	8	Lycopene (mcg)
117	fd_dfe	Num	8	Dietary Folate Equivalents (mcg)
118	fd_nfol	Num	8	Natural Folate (mcg)
119	fd_sfol	Num	8	Synthetic Folate (mcg)
120	fd_varae	Num	8	Total Vitamin A Activity (RAE) (mcg)
121	fd_kj	Num	8	Energy (kilojoules) (kj)
122	fd_niae	Num	8	Niacin Equivalents (mg)
123	fd_tsugar	Num	8	Total Sugars (g)
124	fd_omega3	Num	8	Omega-3 Fatty Acids (g)
125	fd_mn	Num	8	Manganese (mg)
126	fd_vite	Num	8	Vitamin E (IU) (IU)
127	fd_natatoc	Num	8	Natural Alpha-Tocopherol (mg)
128	fd_synatoc	Num	8	Synthetic Alpha-Tocopherol (mg)
129	fd_daid	Num	8	Daidzein (mg)
130	fd_geni	Num	8	Genistein (mg)
131	fd_glyt	Num	8	Glycitein (mg)
132	fd_coum	Num	8	Coumestrol (mg)
133	fd_bioa	Num	8	Biochanin A (mg)
134	fd_formon	Num	8	Formononetin (mg)
135	fd_asugar	Num	8	Added Sugars (g)
136	fd_acesk	Num	8	Acesulfame Potassium (mg)
137	fd_suc1	Num	8	Sucralose (mg)
138	fd_acho	Num	8	Available Carbohydrate (g)
139	fd_gig	Num	8	Glycemic Index (glucose reference)
140	fd_gib	Num	8	Glycemic Index (bread reference)
141	fd_glg	Num	8	Glycemic Load (glucose reference)
142	fd_glb	Num	8	Glycemic Load (bread reference)
143	fd_choline	Num	8	Choline (mg)
144	fd_betaine	Num	8	Betaine (mg)
145	fd_eryth	Num	8	Erythritol (g)
146	fd_inos	Num	8	Inositol (g)
147	fd_isom	Num	8	Isomalt (g)
148	fd_lactl	Num	8	Lactitol (g)
149	fd_maltitol	Num	8	Maltitol (g)
150	fd_mani	Num	8	Mannitol (g)
151	fd_pini	Num	8	Pinitol (g)
152	fd_sorb	Num	8	Sorbitol (g)
153	fd_xyli	Num	8	Xylitol (g)
154	fd_nitrogen	Num	8	Nitrogen (g)

Num	Variable	Type	Len	Label
155	fd_cla_total	Num	8	Total Conjugated Linoleic Acid (CLA 18:2) (g)
156	fd_cla_c9t11	Num	8	CLA cis-9, trans-11 (g)
157	fd_cla_t10c12	Num	8	CLA trans-10, cis-12 (g)
158	fd_tag	Num	8	Tagatose (mg)
159	fd_vd2	Num	8	Vitamin D2 (ergocalciferol) (mcg)
160	fd_vd3	Num	8	Vitamin D3 (cholecalciferol) (mcg)
161	fd_num	Num	8	Individual Food Item ID

**Data Set Name: *jhs\_ndsr\_fdgrps\_073117.sas7bdat***

Num	Variable	Type	Len	Label
1	id	Char	7	
2	fgscfFRU0100_Sum	Num	8	Citrus Juice
3	fgscfFRU0200_Sum	Num	8	Fruit Juice excluding Citrus Juice
4	fgscfFRU0300_Sum	Num	8	Citrus Fruit
5	fgscfFRU0400_Sum	Num	8	Fruit excluding Citrus Fruit
6	fgscfFRU0500_Sum	Num	8	Avocado and Similar
7	fgscfFRU0600_Sum	Num	8	Fried Fruits
8	fgscfFRU0700_Sum	Num	8	Fruit-based Savory Snack
9	fgscfVEG0100_Sum	Num	8	Dark-green Vegetables
10	fgscfVEG0200_Sum	Num	8	Deep-yellow Vegetables
11	fgscfVEG0300_Sum	Num	8	Tomato
12	fgscfVEG0400_Sum	Num	8	White Potatoes
13	fgscfVEG0800_Sum	Num	8	Fried Potatoes
14	fgscfVEG0450_Sum	Num	8	Other Starchy Vegetables
15	fgscfVEG0700_Sum	Num	8	Legumes (cooked dried beans)
16	fgscfVEG0600_Sum	Num	8	Other Vegetables
17	fgscfVEG0900_Sum	Num	8	Fried Vegetables
18	fgscfVEG0500_Sum	Num	8	Vegetable Juice
19	fgscfFMC0100_Sum	Num	8	Vegetable-based Savory Snack
20	fgscfGRW0100_Sum	Num	8	Grains, Flour and Dry Mixes - Whole Grain
21	fgscfGRS0100_Sum	Num	8	Grains, Flour and Dry Mixes - Some Whole Grain
22	fgscfGRR0100_Sum	Num	8	Grains, Flour and Dry Mixes - Refined Grain
23	fgscfGRW0200_Sum	Num	8	Loaf-type Bread and Plain Rolls - Whole Grain
24	fgscfGRS0200_Sum	Num	8	Loaf-type Bread and Plain Rolls - Some Whole Grain
25	fgscfGRR0200_Sum	Num	8	Loaf-type Bread and Plain Rolls - Refined Grain
26	fgscfGRW0300_Sum	Num	8	Other Breads (quick breads, corn muffins, tortillas) - Whole Grain
27	fgscfGRS0300_Sum	Num	8	Other Breads (quick breads, corn muffins, tortillas) - Some Whole Grain
28	fgscfGRR0300_Sum	Num	8	Other Breads (quick breads, corn muffins, tortillas) - Refined Grain
29	fgscfGRW0400_Sum	Num	8	Crackers - Whole Grain
30	fgscfGRS0400_Sum	Num	8	Crackers - Some Whole Grain
31	fgscfGRR0400_Sum	Num	8	Crackers - Refined Grain
32	fgscfGRW0500_Sum	Num	8	Pasta - Whole Grain
33	fgscfGRS0500_Sum	Num	8	Pasta - Some Whole Grain
34	fgscfGRR0500_Sum	Num	8	Pasta - Refined Grain
35	fgscfGRW0600_Sum	Num	8	Ready-to-eat Cereal (not presweetened) - Whole Grain
36	fgscfGRS0600_Sum	Num	8	Ready-to-eat Cereal (not presweetened) - Some Whole Grain
37	fgscfGRR0600_Sum	Num	8	Ready-to-eat Cereal (not presweetened) - Refined Grain

Num	Variable	Type	Len	Label
38	fgscfGRW0700_Sum	Num	8	Ready-to-eat Cereal (presweetened) - Whole Grain
39	fgscfGRS0700_Sum	Num	8	Ready-to-eat Cereal (presweetened) - Some Whole Grain
40	fgscfGRR0700_Sum	Num	8	Ready-to-eat Cereal (presweetened) - Refined Grain
41	fgscfGRW0800_Sum	Num	8	Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Whole Grain
42	fgscfGRS0800_Sum	Num	8	Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Some Whole Grain
43	fgscfGRR0800_Sum	Num	8	Cakes, Cookies, Pies, Pastries, Danish, Doughnuts and Cobblers - Refined Grain
44	fgscfGRW1000_Sum	Num	8	Snack Bars - Whole Grain
45	fgscfGRS1000_Sum	Num	8	Snack Bars - Some Whole Grain
46	fgscfGRR1000_Sum	Num	8	Snack Bars - Refined Grain
47	fgscfGRW0900_Sum	Num	8	Snack Chips - Whole Grain
48	fgscfGRS0900_Sum	Num	8	Snack Chips - Some Whole Grain
49	fgscfGRR0900_Sum	Num	8	Snack Chips - Refined Grain
50	fgscfGRW1100_Sum	Num	8	Popcorn
51	fgscfGRW1200_Sum	Num	8	Flavored Popcorn
52	fgscfGRR1300_Sum	Num	8	Baby Food Grain Mixtures - Refined Grain
53	fgscfMRF0100_Sum	Num	8	Beef
54	fgscfMRL0100_Sum	Num	8	Lean Beef
55	fgscfMRF0200_Sum	Num	8	Veal
56	fgscfMRL0200_Sum	Num	8	Lean Veal
57	fgscfMRF0300_Sum	Num	8	Lamb
58	fgscfMRL0300_Sum	Num	8	Lean Lamb
59	fgscfMRF0400_Sum	Num	8	Fresh Pork
60	fgscfMRL0400_Sum	Num	8	Lean Fresh Pork
61	fgscfMCF0200_Sum	Num	8	Cured Pork
62	fgscfMCL0200_Sum	Num	8	Lean Cured Pork
63	fgscfMRF0500_Sum	Num	8	Game
64	fgscfMPF0100_Sum	Num	8	Poultry
65	fgscfMPL0100_Sum	Num	8	Lean Poultry
66	fgscfMPF0200_Sum	Num	8	Fried Chicken - Commercial Entrée and Fast Food
67	fgscfMFF0100_Sum	Num	8	Fish - Fresh and Smoked
68	fgscfMFL0100_Sum	Num	8	Lean Fish - Fresh and Smoked
69	fgscfMFF0200_Sum	Num	8	Fried Fish - Commercial Entrée and Fast Food
70	fgscfMSL0100_Sum	Num	8	Shellfish
71	fgscfMSF0100_Sum	Num	8	Fried Shellfish - Commercial Entrée and Fast Food
72	fgscfMCF0100_Sum	Num	8	Cold Cuts and Sausage
73	fgscfMCL0100_Sum	Num	8	Lean Cold Cuts and Sausage
74	fgscfMOF0100_Sum	Num	8	Organ Meats
75	fgscfMOF0200_Sum	Num	8	Baby Food Meat Mixtures
76	fgscfFMC0200_Sum	Num	8	Meat-based Savory Snack

Num	Variable	Type	Len	Label
77	fgscfMOF0300_Sum	Num	8	Eggs
78	fgscfMOF0400_Sum	Num	8	Egg Substitute
79	fgscfMOF0500_Sum	Num	8	Nuts and Seeds
80	fgscfMOF0600_Sum	Num	8	Nut and Seed Butters
81	fgscfMOF0700_Sum	Num	8	Meat Alternatives
82	fgscfDMF0100_Sum	Num	8	Milk - Whole
83	fgscfDMR0100_Sum	Num	8	Milk - Reduced Fat
84	fgscfDML0100_Sum	Num	8	Milk - Low Fat and Fat Free
85	fgscfDMN0100_Sum	Num	8	Milk - Nondairy
86	fgscfDMF0200_Sum	Num	8	Ready-to-drink Flavored Milk - Whole
87	fgscfDMR0200_Sum	Num	8	Ready-to-drink Flavored Milk - Reduced Fat
88	fgscfDML0200_Sum	Num	8	Ready-to-drink Flavored Milk - Low Fat and Fat Free
89	fgscfDML0300_Sum	Num	8	Sweetened Flavored Milk Beverage Powder with Non-fat Dry Milk
90	fgscfDML0400_Sum	Num	8	Artificially Sweetened Flavored Milk Beverage Powder with Non-fat Dry Milk
91	fgscfSWT0600_Sum	Num	8	Sweetened Flavored Milk Beverage Powder without Non-fat Dry Milk
92	fgscfMSC1100_Sum	Num	8	Artificially Sweetened Flavored Milk Beverage Powder without Non-fat Dry Milk
93	fgscfDCF0100_Sum	Num	8	Cheese - Full Fat
94	fgscfDCR0100_Sum	Num	8	Cheese - Reduced Fat
95	fgscfDCL0100_Sum	Num	8	Cheese - Low Fat and Fat Free
96	fgscfDCN0100_Sum	Num	8	Cheese - Nondairy
97	fgscfDYF0100_Sum	Num	8	Yogurt - Sweetened Whole Milk
98	fgscfDYR0100_Sum	Num	8	Yogurt - Sweetened Low Fat
99	fgscfDYL0100_Sum	Num	8	Yogurt - Sweetened Fat Free
100	fgscfDYF0200_Sum	Num	8	Yogurt - Artificially Sweetened Whole Milk
101	fgscfDYR0200_Sum	Num	8	Yogurt - Artificially Sweetened Low Fat
102	fgscfDYL0200_Sum	Num	8	Yogurt - Artificially Sweetened Fat Free
103	fgscfDYN0100_Sum	Num	8	Yogurt - Nondairy
104	fgscfDOT0100_Sum	Num	8	Frozen Dairy Dessert
105	fgscfDOT0200_Sum	Num	8	Frozen Nondairy Dessert
106	fgscfDOT0300_Sum	Num	8	Pudding and Other Dairy Dessert
107	fgscfDOT0400_Sum	Num	8	Artificially Sweetened Pudding and Other Dairy Dessert
108	fgscfFCF0100_Sum	Num	8	Cream
109	fgscfFCR0100_Sum	Num	8	Cream - Reduced Fat
110	fgscfFCL0100_Sum	Num	8	Cream - Low Fat and Fat Free
111	fgscfFCN0100_Sum	Num	8	Cream - Nondairy
112	fgscfDOT0500_Sum	Num	8	Dairy-based Sweetened Meal Replacement/Supplement
113	fgscfDOT0600_Sum	Num	8	Dairy-based Artificially Sweetened Meal Replacement/Supplement
114	fgscfDOT0700_Sum	Num	8	Infant Formula
115	fgscfDOT0800_Sum	Num	8	Infant Formula - Nondairy

Num	Variable	Type	Len	Label
116	fgscfFMF0100_Sum	Num	8	Margarine - Regular
117	fgscfFMR0100_Sum	Num	8	Margarine - Reduced Fat
118	fgscfFOF0100_Sum	Num	8	Oil
119	fgscfFSF0100_Sum	Num	8	Shortening
120	fgscfFAF0100_Sum	Num	8	Butter and Other Animal Fats - Regular
121	fgscfFAR0100_Sum	Num	8	Butter and Other Animal Fats - Reduced Fat
122	fgscfFDF0100_Sum	Num	8	Salad Dressing - Regular
123	fgscfFDR0100_Sum	Num	8	Salad Dressing - Reduced Fat/Reduced Calorie/Fat Free
124	fgscfSWT0400_Sum	Num	8	Sugar
125	fgscfMSC1200_Sum	Num	8	Sugar Substitute
126	fgscfSWT0500_Sum	Num	8	Syrup, Honey, Jam, Jelly, Preserves
127	fgscfSWT0700_Sum	Num	8	Sauces, Sweet - Regular
128	fgscfSWT0800_Sum	Num	8	Sauces, Sweet - Reduced Fat/Reduced Calorie/Fat Free
129	fgscfSWT0100_Sum	Num	8	Chocolate Candy
130	fgscfSWT0200_Sum	Num	8	Non-chocolate Candy
131	fgscfSWT0300_Sum	Num	8	Frosting or Glaze
132	fgscfBVS0400_Sum	Num	8	Sweetened Soft Drinks
133	fgscfBVA0400_Sum	Num	8	Artificially Sweetened Soft Drinks
134	fgscfBVU0300_Sum	Num	8	Unsweetened Soft Drinks
135	fgscfBVS0300_Sum	Num	8	Sweetened Fruit Drinks
136	fgscfBVA0300_Sum	Num	8	Artificially Sweetened Fruit Drinks
137	fgscfBVS0500_Sum	Num	8	Sweetened Tea
138	fgscfBVA0500_Sum	Num	8	Artificially Sweetened Tea
139	fgscfBVU0400_Sum	Num	8	Unsweetened Tea
140	fgscfBVS0100_Sum	Num	8	Sweetened Coffee
141	fgscfBVA0100_Sum	Num	8	Artificially Sweetened Coffee
142	fgscfBVU0100_Sum	Num	8	Unsweetened Coffee
143	fgscfBVS0200_Sum	Num	8	Sweetened Coffee Substitutes
144	fgscfBVA0200_Sum	Num	8	Artificially Sweetened Coffee Substitutes
145	fgscfBVU0200_Sum	Num	8	Unsweetened Coffee Substitutes
146	fgscfBVS0600_Sum	Num	8	Sweetened Water
147	fgscfBVA0600_Sum	Num	8	Artificially Sweetened Water
148	fgscfBVU0500_Sum	Num	8	Unsweetened Water
149	fgscfBVS0700_Sum	Num	8	Nondairy-based Sweetened Meal Replacement/Supplement
150	fgscfBVA0700_Sum	Num	8	Nondairy-based Artificially Sweetened Meal Replacement/Supplement
151	fgscfBVU0600_Sum	Num	8	Nondairy-based Unsweetened Meal Replacement/Supplement
152	fgscfBVO0100_Sum	Num	8	Non-alcoholic Beer
153	fgscfBVO0200_Sum	Num	8	Non-alcoholic Light Beer
154	fgscfBVE0100_Sum	Num	8	Beer and Ales



Num	Variable	Type	Len	Label
155	fgscfBVE0400_Sum	Num	8	Cordial and Liqueur
156	fgscfBVE0300_Sum	Num	8	Distilled Liquor
157	fgscfBVE0200_Sum	Num	8	Wine
158	fgscfMSC0100_Sum	Num	8	Gravy - Regular
159	fgscfMSC0200_Sum	Num	8	Gravy - Reduced Fat/Fat Free
160	fgscfMSC0300_Sum	Num	8	Sauces and Condiments - Regular
161	fgscfMSC0400_Sum	Num	8	Sauces and Condiments - Reduced Fat
162	fgscfMSC0500_Sum	Num	8	Pickled Foods
163	fgscfMSC0600_Sum	Num	8	Miscellaneous Dessert
164	fgscfMSC0700_Sum	Num	8	Non-grain Flour and Similar
165	fgscfMSC0800_Sum	Num	8	Soup Broth
166	fgscfMSC0900_Sum	Num	8	Baby Food Dessert
167	fgscfMSC1000_Sum	Num	8	Miscellaneous Baby Food Mixtures
168	fgscfGRW1300_Sum	Num	8	Baby Food Grain Mixtures - Whole Grain
169	fgscfGRS1300_Sum	Num	8	Baby Food Grain Mixtures - Some Whole Grain

**Data Set Name: *jhs\_simple7\_073117.sas7bdat***

Num	Variable	Type	Len	Label
1	id	Char	7	
2	t_fru	Num	8	Total fruit serving per day (1 cup serv)
3	t_veg	Num	8	Total vegetable serving per day (1 cup raw, 1/2 cup cooked serv)
4	t_whgrain	Num	8	Total whole grain serving per day (1 oz serv)
5	ds_fruveg	Num	8	S7 Criteria: Eat 4.5 serv/day of Frt&Veg based on 2000 kcals (0=no;1=yes)
6	ds_fish	Num	8	S7 Criteria: Eat Fish 2-(3.5oz) serv a week based on 2000 kcals (0=no;1=yes)
7	t_fish_wk	Num	8	Total fish (not fried) serving per week (1 oz serv)
8	ds_wg	Num	8	S7 Criteria: Eat Whole Grains +3oz equiv/day based on 2000 kcals (0=no;1=yes)
9	ds_na	Num	8	S7 Criteria: Limiting sodium to < 1,500 mg/day based on 2000 kcals (0=no;1=yes)
10	swtbev_oz	Num	8	Sweetened beverages: fluid ounces per day
11	t_swtbev_wk	Num	8	Total Sweetened beverages servings per week (incl. swt tea)(8 oz serv)
12	ds_swtbev	Num	8	S7 Criteria: Drink Swt Bev (incl swt tea) less than 36floz/week based on 2000 kcals (0=no;1=yes)
13	ds	Num	8	Simple 7 Diet Metric - Total Score

**Data Set Name: *mdtn\_score9.sas7bdat***

Num	Variable	Type	Len	Label
1	id	Char	7	
2	sex	Char	6	Participant Sex
3	sub_med_totveg1	Num	8	Subscore of total vegetables
4	sub_med_legumeswk	Num	8	Subscore of legumes
5	sub_med_totfruit	Num	8	Subscore of total fruits
6	sub_med_wholegrains	Num	8	Subscore of whole grains
7	sub_med_fish	Num	8	Subscore of fish
8	sub_med_msfatr	Num	8	Subscore of MUFA:SFA ratio
9	sub_med_dairy	Num	8	Subscore of dairy
10	sub_med_meatnofish	Num	8	Subscore of meat without fish
11	sub_bev	Num	8	subscore of total alcohol
12	mdtn_score9	Num	8	Mediterranean Score of 9 Components