Phase I

Data Dictionary

THE NATIONAL HEART, LUNG, AND BLOOD INSTITUTE OF THE NATIONAL INSTITUTES OF HEALTH

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To view more information about each variable, click either the variable name or label. This information based on the [Phase I Data Forms](#).

Personal Interview Form I

Personal Interview Form II

VARIABLE	LABEL
IDNO	ID NUMBER
INT2_1	GENDER
INT2_2A	MARITAL STATUS
INT2_2B	MARITAL STATUS 2
INT2_2C	MARITAL STATUS 3
INT2_4	EDUCATION
FAMILY HISTORY	
INT2_29	# OF SONS
INT2_30	# OF DAUGHTERS
SMOKING CIGARETTES	
INT2_31	FATHER SMOKE
INT2_32	MOTHER SMOKE
INT2_33	HOURS EXPOSED TO THE SMOKE OF OTHERS/ DAY
INT2_34	SMOKE >100 CIGARETTES
INT2_35	AGE STARTED SMOKING
INT2_36	DO YOU SMOKE CIGARETTES NOW
INT2_37	AGE QUIT SMOKING
INT2_38	# OF CIGARETTES PER DAY
INT2_39	YEARS SMOKED
SMOKING – PIPES, CIGARETTES, AND SMOKELESS TOBACCO	
INT2_40	SMOKE PIPE
INT2_41	SMOKE CIGARS
INT2_42	CHEW/SNUFF
CAFFEINE	
INT2_43	CUPS OF CAFFEINE
INT2_44	# CAFFEINE DRINKS
TRADITIONAL VALUES/CULTURE	
INT2_45	SPEAK NATIVE LANGUAGE
INT2_46	FREQUENCY SPEAK NATIVE LANGUAGE
INT2_47	USE TRADITIONAL MEDICINE
INT2_48	PARTICIPATE IN TRADITIONAL CEREMONIES
INT2_49	YEARS LIVED IN INDIAN COUNTRY OR RESERVATION

Personal Interview Form II

VARIABLE	LABEL
INT2_50	LIVED OUTSIDE INDIAN COUNTRY OR RESERVATION
INT2_51	YEARS OUTSIDE INDIAN COUNTRY OR RESERVATION
INT2_51A	LIVED ON RESERVATION FOR 6 OR MORE MONTHS IN THE PAST YEAR

STRESS EVALUATION

INT2_52	SLEEP LOST
INT2_53	STRESS/STRAIN
INT2_54	# ARGUMENTS WITH RELATIVES
INT2_55	ALCOHOL PROBLEM IN HOUSEHOLD
INT2_56	# IN HOUSEHOLD

ALCOHOL

INT2_57	>=12 DRINKS IN LIFE
INT2_58	DAYS SINCE LAST DRINK
INT2_59	MONTHS SINCE LAST DRINK
INT2_60	YEARS SINCE LAST DRINK
INT2_61	DRINKS PER WEEK
INT2_62	DAYS PER MONTH HAVE 1 DRINK
INT2_63	# DRINKS PER DAY
INT2_64	PAST MONTH >=5 DRINKS
INT2_65	PAST YEAR >= 5 DRINKS
INT2_66	PAST DRINKING PROBLEM

FAMILY INCOME

INT2_67	ENOUGH INCOME TO PAY BILLS
INT2_68	# IN HOME ON FOOD STAMPS OR WIC PROGRAM
INT2_69	# IN HOME RECEIVE COMMODITIES
INT2_70	ANNUAL HOUSEHOLD INCOME

ADMINISTRATIVE INFORMATION

INT2_71	HOW RELIABLE IS THE QUESTIONNAIRE
CODE	INTERVIEWER'S CODE
DOC	INTERVIEW DATE
CENTER	SHS SITE

Family History

VARIABLE	LABEL
IDNO	ID NUMBER
FH1	1: RELATIONSHIP CODE
FH2	1: BIRTH YEAR
FH3	1: VITAL STATUS
FH4	1: DEATH AGE
FH5	1: DEATH CAUSE
FH6	1: HX HEART ATTACK
FH7	1: HX HEART DISEASE
FH8	1: HX HIGH BLOOD PRESSURE
FH9	1: HX DIABETES
FH10	1: HX KIDNEY FAILURE
FH11	1: HX STROKE
FH12	1: HX ARTHRITIS
FH13	1: CANCER
FH14	2: RELATIONSHIP CODE
FH15	2: BIRTH YEAR
FH16	2: VITAL STATUS
FH17	2: DEATH AGE
FH18	2: DEATH CAUSE
FH19	2: HX HEART ATTACK
FH20	2: HX HEART DISEASE
FH21	2: HX HIGH BLOOD PRESSURE
FH22	2: HX DIABETES
FH23	2: HX KIDNEY FAILURE
FH24	2: HX STROKE
FH25	2: HX ARTHRITIS
FH26	2: CANCER
FH27	3: RELATIONSHIP CODE
FH28	3: BIRTH YEAR
FH29	3: VITAL STATUS
FH30	3: DEATH AGE
FH31	3: DEATH CAUSE
FH32	3: HX HEART ATTACK

Family History

VARIABLE	LABEL
FH33	3: HX HEART DISEASE
FH34	3: HX HIGH BLOOD PRESSURE
FH35	3: HX DIABETES
FH36	3: HX KIDNEY FAILURE
FH37	3: HX STROKE
FH38	3: HX ARTHRITIS
FH39	3: CANCER
FH40	4: RELATIONSHIP CODE
FH41	4: BIRTH YEAR
FH42	4: VITAL STATUS
FH43	4: DEATH AGE
FH44	4: DEATH CAUSE
FH45	4: HX HEART ATTACK
FH46	4: HX HEART DISEASE
FH47	4: HX HIGH BLOOD PRESSURE
FH48	4: HX DIABETES
FH49	4: HX KIDNEY FAILURE
FH50	4: HX STROKE
FH51	4: HX ARTHRITIS
FH52	4: CANCER
FH53	5: RELATIONSHIP CODE
FH54	5: BIRTH YEAR
FH55	5: VITAL STATUS
FH56	5: DEATH AGE
FH57	5: DEATH CAUSE
FH58	5: HX HEART ATTACK
FH59	5: HX HEART DISEASE
FH60	5: HX HIGH BLOOD PRESSURE
FH61	5: HX DIABETES
FH62	5: HX KIDNEY FAILURE
FH63	5: HX STROKE
FH64	5: HX ARTHRITIS
FH65	5: CANCER

Family History

VARIABLE	LABEL
FH66	6: RELATIONSHIP CODE
FH67	6: BIRTH YEAR
FH68	6: VITAL STATUS
FH69	6: DEATH AGE
FH70	6: DEATH CAUSE
FH71	6: HX HEART ATTACK
FH72	6: HX HEART DISEASE
FH73	6: HX HIGH BLOOD PRESSURE
FH74	6: HX DIABETES
FH75	6: HX KIDNEY FAILURE
FH76	6: HX STROKE
FH77	6: HX ARTHRITIS
FH78	6: CANCER
FH79	7: RELATIONSHIP CODE
FH80	7: BIRTH YEAR
FH81	7: VITAL STATUS
FH82	7: DEATH AGE
FH83	7: DEATH CAUSE
FH84	7: HX HEART ATTACK
FH85	7: HX HEART DISEASE
FH86	7: HX HIGH BLOOD PRESSURE
FH87	7: HX DIABETES
FH88	7: HX KIDNEY FAILURE
FH89	7: HX STROKE
FH90	7: HX ARTHRITIS
FH91	7: CANCER
FH92	8: RELATIONSHIP CODE
FH93	8: BIRTH YEAR
FH94	8: VITAL STATUS
FH95	8: DEATH AGE
FH96	8: DEATH CAUSE
FH97	8: HX HEART ATTACK
FH98	8: HX HEART DISEASE

Family History

VARIABLE	LABEL
FH99	8: HX HIGH BLOOD PRESSURE
FH100	8: HX DIABETES
FH101	8: HX KIDNEY FAILURE
FH102	8: HX STROKE
FH103	8: HX ARTHRITIS
FH104	8: CANCER
FH105	9: RELATIONSHIP CODE
FH106	9: BIRTH YEAR
FH107	9: VITAL STATUS
FH108	9: DEATH AGE
FH109	9: DEATH CAUSE
FH110	9: HX HEART ATTACK
FH111	9: HX HEART DISEASE
FH112	9: HX HIGH BLOOD PRESSURE
FH113	9: HX DIABETES
FH114	9: HX KIDNEY FAILURE
FH115	9: HX STROKE
FH116	9: HX ARTHRITIS
FH117	9: CANCER
FH118	10: RELATIONSHIP CODE
FH119	10: BIRTH YEAR
FH120	10: VITAL STATUS
FH121	10: DEATH AGE
FH122	10: DEATH CAUSE
FH123	10: HX HEART ATTACK
FH124	10: HX HEART DISEASE
FH125	10: HX HIGH BLOOD PRESSURE
FH126	10: HX DIABETES
FH127	10: HX KIDNEY FAILURE
FH128	10: HX STROKE
FH129	10: HX ARTHRITIS
FH130	10: CANCER
FH131	11: RELATIONSHIP CODE

Family History

VARIABLE	LABEL
FH132	11: BIRTH YEAR
FH133	11: VITAL STATUS
FH134	11: DEATH AGE
FH135	11: DEATH CAUSE
FH136	11: HX HEART ATTACK
FH137	11: HX HEART DISEASE
FH138	11: HX HIGH BLOOD PRESSURE
FH139	11: HX DIABETES
FH140	11: HX KIDNEY FAILURE
FH141	11: HX STROKE
FH142	11: HX ARTHRITIS
FH143	11: CANCER
FH144	12: RELATIONSHIP CODE
FH145	12: BIRTH YEAR
FH146	12: VITAL STATUS
FH147	12: DEATH AGE
FH148	12: DEATH CAUSE
FH149	12: HX HEART ATTACK
FH150	12: HX HEART DISEASE
FH151	12: HX HIGH BLOOD PRESSURE
FH152	12: HX DIABETES
FH153	12: HX KIDNEY FAILURE
FH154	12: HX STROKE
FH155	12: HX ARTHRITIS
FH156	12: CANCER
FH157	13: RELATIONSHIP CODE
FH158	13: BIRTH YEAR
FH159	13: VITAL STATUS
FH160	13: DEATH AGE
FH161	13: DEATH CAUSE
FH162	13: HX HEART ATTACK
FH163	13: HX HEART DISEASE
FH164	13: HX HIGH BLOOD PRESSURE

Family History

VARIABLE	LABEL
FH165	13: HX DIABETES
FH166	13: HX KIDNEY FAILURE
FH167	13: HX STROKE
FH168	13: HX ARTHRITIS
FH169	13: CANCER
FH170	14: RELATIONSHIP CODE
FH171	14: BIRTH YEAR
FH172	14: VITAL STATUS
FH173	14: DEATH AGE
FH174	14: DEATH CAUSE
FH175	14: HX HEART ATTACK
FH176	14: HX HEART DISEASE
FH177	14: HX HIGH BLOOD PRESSURE
FH178	14: HX DIABETES
FH179	14: HX KIDNEY FAILURE
FH180	14: HX STROKE
FH181	14: HX ARTHRITIS
FH182	14: CANCER
FH183	15: RELATIONSHIP CODE
FH184	15: BIRTH YEAR
FH185	15: VITAL STATUS
FH186	15: DEATH AGE
FH187	15: DEATH CAUSE
FH188	15: HX HEART ATTACK
FH189	15: HX HEART DISEASE
FH190	15: HX HIGH BLOOD PRESSURE
FH191	15: HX DIABETES
FH192	15: HX KIDNEY FAILURE
FH193	15: HX STROKE
FH194	15: HX ARTHRITIS
FH195	15: CANCER
FH196	16: RELATIONSHIP CODE
FH197	16: BIRTH YEAR

Family History

VARIABLE	LABEL
FH198	16: VITAL STATUS
FH199	16: DEATH AGE
FH200	16: DEATH CAUSE
FH201	16: HX HEART ATTACK
FH202	16: HX HEART DISEASE
FH203	16: HX HIGH BLOOD PRESSURE
FH204	16: HX DIABETES
FH205	16: HX KIDNEY FAILURE
FH206	16: HX STROKE
FH207	16: HX ARTHRITIS
FH208	16: CANCER
FH209	17: RELATIONSHIP CODE
FH210	17: BIRTH YEAR
FH211	17: VITAL STATUS
FH212	17: DEATH AGE
FH213	17: DEATH CAUSE
FH214	17: HX HEART ATTACK
FH215	17: HX HEART DISEASE
FH216	17: HX HIGH BLOOD PRESSURE
FH217	17: HX DIABETES
FH218	17: HX KIDNEY FAILURE
FH219	17: HX STROKE
FH220	17: HX ARTHRITIS
FH221	17: CANCER
FH222	18: RELATIONSHIP CODE
FH223	18: BIRTH YEAR
FH224	18: VITAL STATUS
FH225	18: DEATH AGE
FH226	18: DEATH CAUSE
FH227	18: HX HEART ATTACK
FH228	18: HX HEART DISEASE
FH229	18: HX HIGH BLOOD PRESSURE
FH230	18: HX DIABETES

Family History

VARIABLE	LABEL
FH231	18: HX KIDNEY FAILURE
FH232	18: HX STROKE
FH233	18: HX ARTHRITIS
FH234	18: CANCER
FH235	19: RELATIONSHIP CODE
FH236	19: BIRTH YEAR
FH237	19: VITAL STATUS
FH238	19: DEATH AGE
FH239	19: DEATH CAUSE
FH240	19: HX HEART ATTACK
FH241	19: HX HEART DISEASE
FH242	19: HX HIGH BLOOD PRESSURE
FH243	19: HX DIABETES
FH244	19: HX KIDNEY FAILURE
FH245	19: HX STROKE
FH246	19: HX ARTHRITIS
FH247	19: CANCER
FH248	20: RELATIONSHIP CODE
FH249	20: BIRTH YEAR
FH250	20: VITAL STATUS
FH251	20: DEATH AGE
FH252	20: DEATH CAUSE
FH253	20: HX HEART ATTACK
FH254	20: HX HEART DISEASE
FH255	20: HX HIGH BLOOD PRESSURE
FH256	20: HX DIABETES
FH257	20: HX KIDNEY FAILURE
FH258	20: HX STROKE
FH259	20: HX ARTHRITIS
FH260	20: CANCER
FH261	21: RELATIONSHIP CODE
FH262	21: BIRTH YEAR
FH263	21: VITAL STATUS

Family History

VARIABLE	LABEL
FH264	21: DEATH AGE
FH265	21: DEATH CAUSE
FH266	21: HX HEART ATTACK
FH267	21: HX HEART DISEASE
FH268	21: HX HIGH BLOOD PRESSURE
FH269	21: HX DIABETES
FH270	21: HX KIDNEY FAILURE
FH271	21: HX STROKE
FH272	21: HX ARTHRITIS
FH273	21: CANCER
FH274	22: RELATIONSHIP CODE
FH275	22: BIRTH YEAR
FH276	22: VITAL STATUS
FH277	22: DEATH AGE
FH278	22: DEATH CAUSE
FH279	22: HX HEART ATTACK
FH280	22: HX HEART DISEASE
FH281	22: HX HIGH BLOOD PRESSURE
FH282	22: HX DIABETES
FH283	22: HX KIDNEY FAILURE
FH284	22: HX STROKE
FH285	22: HX ARTHRITIS
FH286	22: CANCER
FH287	23: RELATIONSHIP CODE
FH288	23: BIRTH YEAR
FH289	23: VITAL STATUS
FH290	23: DEATH AGE
FH291	23: DEATH CAUSE
FH292	23: HX HEART ATTACK
FH293	23: HX HEART DISEASE
FH294	23: HX HIGH BLOOD PRESSURE
FH295	23: HX DIABETES
FH296	23: HX KIDNEY FAILURE

Family History

VARIABLE	LABEL
FH297	23: HX STROKE
FH298	23: HX ARTHRITIS
FH299	23: CANCER
FH300	24: RELATIONSHIP CODE
FH301	24: BIRTH YEAR
FH302	24: VITAL STATUS
FH303	24: DEATH AGE
FH304	24: DEATH CAUSE
FH305	24: HX HEART ATTACK
FH306	24: HX HEART DISEASE
FH307	24: HX HIGH BLOOD PRESSURE
FH308	24: HX DIABETES
FH309	24: HX KIDNEY FAILURE
FH310	24: HX STROKE
FH311	24: HX ARTHRITIS
FH312	24: CANCER
FH313	25: RELATIONSHIP CODE
FH314	25: BIRTH YEAR
FH315	25: VITAL STATUS
FH316	25: DEATH AGE
FH317	25: DEATH CAUSE
FH318	25: HX HEART ATTACK
FH319	25: HX HEART DISEASE
FH320	25: HX HIGH BLOOD PRESSURE
FH321	25: HX DIABETES
FH322	25: HX KIDNEY FAILURE
FH323	25: HX STROKE
FH324	25: HX ARTHRITIS
FH325	25: CANCER
FH326	26: RELATIONSHIP CODE
FH327	26: BIRTH YEAR
FH328	26: VITAL STATUS
FH329	26: DEATH AGE

Family History

VARIABLE	LABEL
FH330	26: DEATH CAUSE
FH331	26: HX HEART ATTACK
FH332	26: HX HEART DISEASE
FH333	26: HX HIGH BLOOD PRESSURE
FH334	26: HX DIABETES
FH335	26: HX KIDNEY FAILURE
FH336	26: HX STROKE
FH337	26: HX ARTHRITIS
FH338	26: CANCER
FH339	27: RELATIONSHIP CODE
FH340	27: BIRTH YEAR
FH341	27: VITAL STATUS
FH342	27: DEATH AGE
FH343	27: DEATH CAUSE
FH344	27: HX HEART ATTACK
FH345	27: HX HEART DISEASE
FH346	27: HX HIGH BLOOD PRESSURE
FH347	27: HX DIABETES
FH348	27: HX KIDNEY FAILURE
FH349	27: HX STROKE
FH350	27: HX ARTHRITIS
FH351	27: CANCER
FH352	28: RELATIONSHIP CODE
FH353	28: BIRTH YEAR
FH354	28: VITAL STATUS
FH355	28: DEATH AGE
FH356	28: DEATH CAUSE
FH357	28: HX HEART ATTACK
FH358	28: HX HEART DISEASE
FH359	28: HX HIGH BLOOD PRESSURE
FH360	28: HX DIABETES
FH361	28: HX KIDNEY FAILURE
FH362	28: HX STROKE

Family History

VARIABLE	LABEL
FH363	28: HX ARTHRITIS
FH364	28: CANCER
FH365	29: RELATIONSHIP CODE
FH366	29: BIRTH YEAR
FH367	29: VITAL STATUS
FH368	29: DEATH AGE
FH369	29: DEATH CAUSE
FH370	29: HX HEART ATTACK
FH371	29: HX HEART DISEASE
FH372	29: HX HIGH BLOOD PRESSURE
FH373	29: HX DIABETES
FH374	29: HX KIDNEY FAILURE
FH375	29: HX STROKE
FH376	29: HX ARTHRITIS
FH377	29: CANCER
FH378	30: RELATIONSHIP CODE
FH379	30: BIRTH YEAR
FH380	30: VITAL STATUS
FH381	30: DEATH AGE
FH382	30: DEATH CAUSE
FH383	30: HX HEART ATTACK
FH384	30: HX HEART DISEASE
FH385	30: HX HIGH BLOOD PRESSURE
FH386	30: HX DIABETES
FH387	30: HX KIDNEY FAILURE
FH388	30: HX STROKE
FH389	30: HX ARTHRITIS
FH390	30: CANCER
CENTER	SHS SITE

Medical History Form

VARIABLE	LABEL
IDNO	ID NUMBER

CURRENT PRESCRIBED MEDICATION HISTORY

MED1	MEDICATION 1: TAKING REGULARLY
MED2	MEDICATION 1: CODE
MED3	MEDICATION 2: TAKING REGULARLY
MED4	MEDICATION 2: CODE
MED5	MEDICATION 3: TAKING REGULARLY
MED6	MEDICATION 3: CODE
MED7	MEDICATION 4: TAKING REGULARLY
MED8	MEDICATION 4: CODE
MED9	MEDICATION 5: TAKING REGULARLY
MED10	MEDICATION 5: CODE
MED11	MEDICATION 6: TAKING REGULARLY
MED12	MEDICATION 6: CODE
MED13	MEDICATION 7: TAKING REGULARLY
MED14	MEDICATION 7: CODE
MED15	MEDICATION 8: TAKING REGULARLY
MED16	MEDICATION 8: CODE
MED17	# ASPIRIN TABS LAST WEEK
MED18	# TEASPOONS ASPIRIN LAST WEEK

MEDICAL CONDITIONS

MED19	HIGH BLOOD PRESSURE (HBP)
MED20	HBP AGE OF DIAGNOSIS
MED21	RHEUMATIC HEART DISEASE
MED22	GALLSTONES
MED23	ARTHRITIS
MED24	CANCER
MED25	DIABETES (DM)
MED26	DO YOU STILL HAVE DM NOW
MED27	DM AGE OF DIAGNOSIS
MED28	KIDNEY FAILURE
MED29	DO YOU STILL HAVE KIDNEY FAILURE
MED30	KIDNEY FAILURE AGE OF DIAGNOSIS

Medical History Form

VARIABLE	LABEL
MED31	EMPHYSEMA
MED32	CIRRHOSIS OF LIVER
MED33	HAVE YOU HAD HEART SURGERY
MED34	HEART FAILURE
MED35	DO YOU STILL HAVE HEART FAILURE
MED36	HEART FAILURE AGE OF DIAGNOSIS
MED37	HEART ATTACK
MED38	HEART ATTACK AGE
MED39	OTHER HEART TROUBLE
MED40	STROKE
MED41	STROKE AGE
MED42	RENAL DIALYSIS
MED43	KIDNEY TRANSPLANT

ACCESS TO MEDICAL CARE

VARIABLE	LABEL
MED44	# MILES FROM CLINIC
MED45	# MILES FROM HOSPITAL
CENTER	SHS SITE

Reproduction and Hormone Use (Women Only)

VARIABLE	LABEL
IDNO	ID NUMBER
REPRO1	NUMBER OF PREGNANCY (GRAVITY)
REPRO2	NUMBER OF LIVE BIRTHS (PARITY)
REPRO3	NUMBER OF LOST PREGNANCIES
REPRO4	NUMBER OF LIVING CHILDREN
REPRO5	STOPPED MENSTRUATING
REPRO6	AGE AT MENOPAUSE
REPRO7	MENOPAUSE NATURAL OR SURGERY
REPRO8	UTERUS REMOVED
REPRO9	USED BIRTH CONTROL PILLS
REPRO10	AGE STARTED TO USE BIRTH CONTROL PILLS
REPRO11	YEARS USED BIRTH CONTROL PILLS
REPRO12	USED ESTROGEN
REPRO13	AGE STARTED ESTROGEN
REPRO14	YEARS USED ESTROGEN
CENTER	SHS SITE

Rose Questionnaire for Angina and Intermittent Claudication

VARIABLE	LABEL
IDNO	ID NUMBER

CHEST PAIN ON EFFORT

VARIABLE	LABEL
ROSE1	PAIN/DISCOMFORT IN CHEST
ROSE2	CHEST PAIN WALKING UPHILL
ROSE3	CHEST PAIN WALKING ORDINARY
ROSE4	RESPONSE TO CHEST PAIN WHEN WALKING
ROSE5	CHEST PAIN STANDING STILL
ROSE6	TIME TO CHEST PAIN RELIEF
ROSE7A	CHEST PAIN: STERNUM (UPPER OR MIDDLE)
ROSE7B	CHEST PAIN: STERNUM (LOWER)
ROSE7C	CHEST PAIN: LEFT ANTERIOR CHEST
ROSE7D	CHEST PAIN: LEFT ARM
ROSE7E	CHEST PAIN: OTHER
ROSE8	OTHER CHEST PAIN LOCATION

POSSIBLE INFARCTION

VARIABLE	LABEL
ROSE9	FRONT CHEST PAIN >=30 MIN

INTERMITTENT CLAUDICATION

VARIABLE	LABEL
ROSE10	LEG PAIN WALKING
ROSE11	LEG PAIN WHEN STILL
ROSE12	LEG PAIN LOCATION
ROSE13	LEG PAIN WALKING UPHILL
ROSE14	LEG PAIN WALKING ORDINARY
ROSE15	LEG PAIN RELIEVED WHEN WALKING
ROSE16	RESPONSE TO LEG PAIN WHEN WALKING
ROSE17	LEG PAIN STANDING STILL
ROSE18	TIME TO LEG PAIN RELIEF

ADMINISTRATIVE INFORMATION

VARIABLE	LABEL
CODE	INTERVIEWER'S CODE
DOC	INTERVIEW DATE
CENTER	SHS SITE

Physical Examination

VARIABLE	LABEL
IDNO	ID NUMBER
EXAM01	BLOOD SAMPLE TAKEN
EXAM02	FASTING ACCUCHEK GLUCOSE DONE

BASIC MEASUREMENTS

EXAM03	HEIGHT STANDING (CM)
EXAM04	WEIGHT (KG)

TOBACCO AND CAFFEINE USE

EXAM05	TOBACCO IN LAST 4 HOURS
EXAM06	LAST USE IN TOBACCO (HRS)
EXAM07	LAST USE IN TOBACCO (MIN)
EXAM08	CAFFEINE IN LAST 4 HRS
EXAM09	LAST USE IN CAFFEINE (HRS)
EXAM10	LAST USE IN CAFFEINE (MIN)

PRELIMINARY MEASUREMENTS

EXAM11	RIGHT ARM CIRCUMFERENCE (CM)
EXAM12	CUFF SIZE
EXAM13	HIP CIRCUMFERENCE STANDING (CM)

EXAMINATION OF THE CHEST

EXAM14	RIGHT POSTERIOR LUNG: APEX
EXAM15	RIGHT POSTERIOR LUNG: MID
EXAM16	RIGHT POSTERIOR LUNG: LOWER
EXAM17	LEFT POSTERIOR LUNG: APEX
EXAM18	LEFT POSTERIOR LUNG: MID
EXAM19	LEFT POSTERIOR LUNG: LOWER

EXAMINATION OF NECK VEINS

EXAM20	LEFT: NECK VEINS
EXAM21	RIGHT: NECK VEINS

SITTING BLOOD PRESSURE

EXAM22	RECORDER ID FOR BP MEASUREMENT
EXAM23	TIME FOR BP MEASUREMENT

Physical Examination

VARIABLE	LABEL
EXAM24	PULSE OBLITERATION PRESSURE
EXAM25	SYSTOLIC: 1ST BP
EXAM26	DIASTOLIC: 1ST BP
EXAM27	SYSTOLIC: 2ND BP
EXAM28	DIASTOLIC: 2ND BP
EXAM29	SYSTOLIC: 3RD BP
EXAM30	DIASTOLIC: 3RD BP
EXAM31	BP NOT FROM RIGHT ARM

EXAMINATION OF EXTREMITIES

VARIABLE	LABEL
EXAM32	EXTREMITIES MISSING
EXAM33	RIGHT ARM: MISSING
EXAM34	RIGHT ARM: CAUSE
EXAM35	RIGHT HAND: MISSING
EXAM36	RIGHT HAND: CAUSE
EXAM37	LEFT ARM: MISSING
EXAM38	LEFT ARM: CAUSE
EXAM39	LEFT HAND: MISSING
EXAM40	LEFT HAND: CAUSE
EXAM41	RIGHT LEG ABOVE KNEE: MISSING
EXAM42	RIGHT LEG ABOVE KNEE: CAUSE
EXAM43	LEFT LEG ABOVE KNEE: MISSING
EXAM44	LEFT LEG ABOVE KNEE: CAUSE
EXAM45	RIGHT LEG BELOW KNEE: MISSING
EXAM46	RIGHT LEG BELOW KNEE: CAUSE
EXAM47	LEFT LEG BELOW KNEE: MISSING
EXAM48	LEFT LEG BELOW KNEE: CAUSE
EXAM49	MISSING FINGER(S): HOW MANY
EXAM50	MISSING TOES(S): HOW MANY

SUPINE MEASUREMENTS

VARIABLE	LABEL
EXAM51	WAIST SUPINE (CM)
EXAM52	ECG PERFORMED

Physical Examination

VARIABLE	LABEL
EXAM53	RESISTANCE
EXAM54	REACTANCE
EXAM55	ACTIVITY LEVEL
EXAM56	IMPEDANCE TAKEN ON LEFT SIDE
EXAM57	IMPEDANCE TAKEN
PULSE AND BRUIT	
EXAM58	RIGHT POSTERIOR TIBIAL PULSE
EXAM59	RIGHT DORSALIS PEDIS PULSE
EXAM60	LEFT POSTERIOR TIBIAL PULSE
EXAM61	LEFT DORSALIS PEDIS PULSE
EXAM62	RIGHT: FEMORAL BRUIT
EXAM63	LEFT: FEMORAL BRUIT
EXAM64	RIGHT: CAROTID BRUIT
EXAM65	LEFT: CAROTID BRUIT
DOPPLER BLOOD PRESSURE AND EDEMA	
EXAM66	RIGHT ANKLE: 1ST DOPPLER BP
EXAM68	RIGHT ANKLE: 2ND DOPPLER BP
EXAM69	RIGHT ANKLE DOPPLER LOCATION
EXAM70	LEFT ANKLE: 1ST DOPPLER BP
EXAM72	LEFT ANKLE: 2ND DOPPLER BP
EXAM73	LEFT ANKLE DOPPLER LOCATION
EXAM74	RIGHT ARM: 1ST DOPPLER BP
EXAM75	RIGHT ARM: 2ND DOPPLER BP
EXAM76	PEDAL EDEMA
HEART EXAM	
EXAM77	S3 GALLOP
EXAM78	MURMUR
EXAM79	EJECTION MURMUR
EXAM80	MURMUR DESCRIPTION
EXAM81	MURMUR TYPE: HOLOSYSTOLIC
EXAM82	MURMUR TYPE: DIASTOLIC RUMBLE

Physical Examination

VARIABLE	LABEL
EXAM83	MURMUR TYPE: DIASTOLIC REGURGITATION
EXAM84	MURMUR LOCATION: APEX HOLOSYSTOLIC
EXAM85	MURMUR LOCATION: APEX DIASTOLIC RUMBLE
EXAM86	MURMUR LOCATION: APEX DIASTOLIC REGURGITATION
EXAM87	MURMUR LOCATION: LEFT 5 ICS HOLOSYSTOLIC
EXAM88	MURMUR LOCATION: LEFT 5 ICS DIASTOLIC RUMBLE
EXAM89	MURMUR LOCATION: LEFT 5 ICS DIASTOLIC REGURGITATION
EXAM90	MURMUR LOCATION: LEFT 2 ICS HOLOSYSTOLIC
EXAM91	MURMUR LOCATION: LEFT 2 ICS DIASTOLIC RUMBLE
EXAM92	MURMUR LOCATION: LEFT 2 ICS DIASTOLIC REGURGITATION
EXAM93	MURMUR LOCATION: RIGHT 2 ICS HOLOSYSTOLIC
EXAM94	MURMUR LOCATION:: RIGHT 2 ICS DIASTOLIC RUMBLE
EXAM95	MURMUR LOCATION: RIGHT 2 ICS DIASTOLIC REGURGITATION
EXAM96	CHEST SURGERY

ADMINISTRATIVE INFORMATION

CODE	INTERVIEW CODE
DOC	DATE OF DATA COLLECTION
CENTER	SHS SITE

Nutritional Data

VARIABLE	LABEL
IDNO	SHS ID
S1DATE	SHS1 DIETARY RECORD DATE
S1KCAL	SHS1 DIETARY ENERGY (kcal)
S1TOTALFAT	SHS1 DIETARY TOTAL FAT (gm)
S1CARB	SHS1 DIETARY TOTAL CARBOHYDRATE (gm)
S1PROTEIN	SHS1 DIETARY PROTEIN (gm)
S1ANIMPROT	SHS1 DIETARY ANIMAL PROTEIN (gm)
S1VEGPROT	SHS1 DIETARY VEGETABLE PROTEIN (gm)
S1ALCOHOL	SHS1 DIETARY ALCOHOL (gm)
S1CHOLEST	SHS1 DIETARY CHOLESTEROL (gm)
S1TSFA	SHS1 TOTAL SATURATED FATTY ACID (SFA) (gm)
S1TMFA	SHS1 TOTAL MONOUNSATURATED FATTY ACID (MUFA) (gm)
S1TPFA	SHS1 TOTAL POLYUNSATURATED FATTY ACID (PUFA) (gm)
S1FRUCTOSE	SHS1 DIETARY FRUCTOSE (gm)
S1GALACTOSE	SHS1 DIETARY GALACTOSE (gm)
S1GLUCOSE	SHS1 DIETARY GLUCOSE (gm)
S1LACTOSE	SHS1 DIETARY LACTOSE (gm)
S1SUCROSE	SHS1 DIETARY SUCROSE (gm)
S1STARCH	SHS1 DIETARY STARCH (gm)
S1FIBER	SHS1 TOTAL DIETARY FIBER (gm)
S1SOLUFIB	SHS1 WATER SOLUBLE DIETARY FIBER (gm)
S1INSFIBER	SHS1 INSOLUBLE DIETARY FIBER (gm)
S1PECTINS	SHS1 DIETARY PECTINS (gm)
S1VITAA	SHS1 DIETARY TOTAL VITAMIN A (mcg RE)
S1RETINOL	SHS1 DIETARY RETINOL (mcg)
S1VITAD	SHS1 DIETARY VITAMIN D (mcg)
S1VITAE	SHS1 TOTAL VITAMIN E ACTIVITY (mg)
S1ALPHATOC	SHS1 DIETARY ALPHA-TOCOPHEROL (mg)
S1BETATOC	SHS1 DIETARY BETA-TOCOPHEROL (mg)
S1GAMMATOC	SHS1 DIETARY GAMMA-TOCOPHEROL (mg)
S1DELTATOC	SHS1 DIETARY DELTA-TOCOPHEROL (mg)
S1VITAC	SHS1 DIETARY VITAMIN C (mg)
S1THIAMIN	SHS1 DIETARY THIAMIN (mg)

Nutritional Data

VARIABLE	LABEL
S1RIBOFLAV	SHS1 DIETARY RIBOFLAVIN (mg)
S1NIACIN	SHS1 DIETARY NIACIN (mg)
S1PANTOTHE	SHS1 DIETARY PANTOTHENIC ACID (mg)
S1B6	SHS1 DIETARY VITAMIN B6 (mg)
S1FOL	SHS1 DIETARY FOLACIN (mcg)
S1B12	SHS1 DIETARY VITAMIN B12 (mcg)
S1CALCIUM	SHS1 DIETARY CALCIUM (mg)
S1PHOSPH	SHS1 DIETARY PHOSPHOROUS (mg)
S1MAGNESIUM	SHS1 DIETARY MAGNESIUM (mg)
S1IRON	SHS1 DIETARY IRON (mg)
S1ZINC	SHS1 DIETARY ZINC (mg)
S1COPPER	SHS1 DIETARY COPPER (mg)
S1SELENIUM	SHS1 DIETARY SELENIUM (mcg)
S1SODIUM	SHS1 DIETARY SODIUM (mg)
S1POTASSIUM	SHS1 DIETARY POTASSIUM (mg)
S1SFA4	SHS1 DIETARY SFA - BUTYRIC ACID (gm)
S1SFA6	SHS1 DIETARY SFA - CAPROIC ACID (gm)
S1SFA8	SHS1 DIETARY SFA - CAPRYLIC ACID (gm)
S1SFA10	SHS1 DIETARY SFA - CAPRIC ACID (gm)
S1SFA12	SHS1 DIETARY SFA - LAURIC ACID (gm)
S1SFA14	SHS1 DIETARY SFA - MYRISTIC ACID (gm)
S1SFA16	SHS1 DIETARY SFA - PALMITIC ACID (gm)
S1SFA17	SHS1 DIETARY SFA - MARGARIC ACID (gm)
S1SFA18	SHS1 DIETARY SFA - STEARIC ACID (gm)
S1SFA20	SHS1 DIETARY SFA - ARACHIDIC ACID (gm)
S1SFA22	SHS1 DIETARY SFA - BEHENIC ACID (gm)
S1MFA141	SHS1 DIETARY MUFA - MYRISTOLEIC ACID (gm)
S1MFA161	SHS1 DIETARY MUFA - PALMITOLEIC ACID (gm)
S1MFA181	SHS1 DIETARY MUFA - OLEIC ACID (gm)
S1MFA201	SHS1 DIETARY MUFA - GADOLEIC ACID (gm)
S1MFA221	SHS1 DIETARY MUFA - ERUCIC ACID (gm)
S1PFA182	SHS1 PUFA - LINOLEIC ACID (gm)
S1PFA183	SHS1 PUFA - LINOLENIC ACID (w-3) (gm)

Nutritional Data

VARIABLE	LABEL
S1PFA184	SHS1 PUFA - PARINARIC ACID (w-3) (gm)
S1PFA204	SHS1 PUFA - ARACHIDONIC ACID (gm)
S1PFA205	SHS1 PUFA - EICOSAPENTAENOIC ACID(w-3)(gm)
S1PFA225	SHS1 PUFA - DOCOSAPENTAENOIC ACID(w-3)(gm)
S1PFA226	SHS1 PUFA - DOCOSAHEXAENOIC ACID(w-3)(gm)
S1PFA_SFA	SHS1 TOTAL PUFA TO TOTAL SFA RATIO
S1CHOL_SFA	SHS1 CHOLESTEROL TO SFA INDEX
S1TRYPTOPH	SHS1 DIETARY TRYPTOPHAN (gm)
S1THREONINE	SHS1 DIETARY THREONINE (gm)
S1ISOLEUCINE	SHS1 DIETARY ISOLEUCINE (gm)
S1LEUCINE	SHS1 DIETARY LEUCINE (gm)
S1LYSINE	SHS1 DIETARY LYSINE (gm)
S1METHIONINE	SHS1 DIETARY METHIONINE (gm)
S1CYSTINE	SHS1 DIETARY CYSTINE (gm)
S1PHENYLA	SHS1 DIETARY PHENYLALANINE (gm)
S1TYROSINE	SHS1 DIETARY TYROSINE (gm)
S1VALINE	SHS1 DIETARY VALINE (gm)
S1ARGININE	SHS1 DIETARY ARGININE (gm)
S1HISTIDINE	SHS1 DIETARY HISTIDINE (gm)
S1ALANINE	SHS1 DIETARY ALANINE (gm)
S1ASPARTIC	SHS1 DIETARY ASPARTIC ACID (gm)
S1GLUTAMIC	SHS1 DIETARY GLUTAMMIC ACID (gm)
S1GLYCINE	SHS1 DIETARY GLYCINE (gm)
S1PROLINE	SHS1 DIETARY PROLINE (gm)
S1SERINE	SHS1 DIETARY SERINE (gm)
S1ASPARTAME	SHS1 DIETARY ASPARTAME (mg)
S1SACCHARIN	SHS1 DIETARY SACCHARIN (mg)
S1CAFFEINE	SHS1 DIETARY CAFFEINE (mg)
S1ASH	SHS1 DIETARY ASH (gm)
S1WATER	SHS1 DIETARY WATER (gm)
S1PFAT	SHS1 DIETARY % CALORIES FROM FAT
S1PCARB	SHS1 DIETARY % CALORIES FROM CARBOHYDRATES
S1PPROT	SHS1 DIETARY % CALORIES FROM PROTEIN

Nutritional Data

VARIABLE	LABEL
S1PALCOHOL	SHS1 DIETARY % CALORIES FROM ALCOHOL
S1PSFA	SHS1 DIETARY % CALORIES FROM SFA
S1PMFA	SHS1 DIETARY % CALORIES FROM MUFA
S1PPFA	SHS1 DIETARY % CALORIES FROM PUFA
S1BETACARO	SHS1 DIETARY BETA-CAROTENE (mcg)
CENTER	SHS Site

Physical Activity

VARIABLE	LABEL
IDNO	ID NUMBER
LEISURE PHYSICAL ACTIVITIES	
PA1A	HRS/WK PHYSICAL ACTIVITY IN LAST YEAR
PA1B	HRS/WK PHYSICAL ACTIVITY IN LAST WEEK
PA2	RUNNING
PA3	SWIMMING
PA4	BICYCLING
PA5	SOFTBALL/BASEBALL
PA6	VOLLEYBALL
PA7	BOWLING
PA8	BASKETBALL
PA9	SKATING
PA10	FOOTBALL/SOCCER
PA11	RACQUET/HANDBALL
PA12	HORSEBACK RIDING
PA13	HUNTING
PA14	FISHING
PA15	DANCING
PA16	GARDENING
PA17	WEIGHT LIFTING
PA18	CALISTHENICS
PA19	WALKING
PA20	HIKING
PA21	RODEO
PA22	OTHER ACTIVITY 1
PA23	OTHER ACTIVITY 2
PA24	TENNIS
PA25	GOLF
PA26	CANOEING
PA26A	INDIAN DANCING
PA27	ACTIVITY 1: CODE

Physical Activity

VARIABLE	LABEL
PA28	ACTIVITY 1: # MOS
PA29	ACTIVITY 1: # TIMES/WK
PA30	ACTIVITY 1: # WK/MOS
PA31	ACTIVITY 1: # HRS/TIME
PA32	ACTIVITY 1: # HRS IN PAST WEEK
PA33	ACTIVITY 2: CODE
PA34	ACTIVITY 2: # MOS
PA35	ACTIVITY 2: # TIMES/WK
PA36	ACTIVITY 2: # WK/MOS
PA37	ACTIVITY 2: # HRS/TIME
PA38	ACTIVITY 2: # HRS IN PAST WEEK
PA39	ACTIVITY 3: CODE
PA40	ACTIVITY 3: # MOS
PA41	ACTIVITY 3: # TIMES/WK
PA42	ACTIVITY 3: # WK/MOS
PA43	ACTIVITY 3: # HRS/TIME
PA44	ACTIVITY 3: # HRS IN PAST WEEK
PA45	ACTIVITY 4: CODE
PA46	ACTIVITY 4: # MOS
PA47	ACTIVITY 4: # TIMES/WK
PA48	ACTIVITY 4: # WK/MOS
PA49	ACTIVITY 4: # HRS/TIME
PA50	ACTIVITY 4: # HRS IN PAST WEEK
PA51	ACTIVITY 5: CODE
PA52	ACTIVITY 5: # MOS
PA53	ACTIVITY 5: # TIMES/WK
PA54	ACTIVITY 5: # WK/MOS
PA55	ACTIVITY 5: # HRS/TIME
PA56	ACTIVITY 5: # HRS IN PAST WEEK
PA57	ACTIVITY 6: CODE
PA58	ACTIVITY 6: # MOS
PA59	ACTIVITY 6: # TIMES/WK

Physical Activity

VARIABLE	LABEL
PA60	ACTIVITY 6: # WK/MOS
PA61	ACTIVITY 6: # HRS/TIME
PA62	ACTIVITY 6: # HRS IN PAST WEEK
PA63	ACTIVITY 7: CODE
PA64	ACTIVITY 7: # MOS
PA65	ACTIVITY 7: # TIMES/WK
PA66	ACTIVITY 7: # WK/MOS
PA67	ACTIVITY 7: # HRS/TIME
PA68	ACTIVITY 7: # HRS IN PAST WEEK
PA69	ACTIVITY 8: CODE
PA70	ACTIVITY 8: # MOS
PA71	ACTIVITY 8: # TIMES/WK
PA72	ACTIVITY 8: # WK/MOS
PA73	ACTIVITY 8: # HRS/TIME
PA74	ACTIVITY 8: # HRS IN PAST WEEK
PA75	ACTIVITY 9: CODE
PA76	ACTIVITY 9: # MOS
PA77	ACTIVITY 9: # TIMES/WK
PA78	ACTIVITY 9: # WK/MOS
PA79	ACTIVITY 9: # HRS/TIME
PA80	ACTIVITY 9: # HRS IN PAST WEEK
PA81	ACTIVITY 10: CODE
PA82	ACTIVITY 10: # MOS
PA83	ACTIVITY 10: # TIMES/WK
PA84	ACTIVITY 10: # WK/MOS
PA85	ACTIVITY 10: # HRS/TIME
PA86	ACTIVITY 10: # HRS IN PAST WEEK
PA87	ACTIVITY 11: CODE
PA88	ACTIVITY 11: # MOS
PA89	ACTIVITY 11: # TIMES/WK
PA90	ACTIVITY 11: # WK/MOS
PA91	ACTIVITY 11: # HRS/TIME

Physical Activity

VARIABLE	LABEL
PA92	ACTIVITY 11: # HRS IN PAST WEEK
OCCUPATIONAL ACTIVITY	
PA93	# HR/WK SPORTS AGE 12-18
PA94	# HR/WK SPORTS AGE 19-34
PA95	# HR/WK SPORTS AGE 35-49
PA96	# HR/WK SPORTS AGE 50-64
PA97	# HR/WK SPORTS AGE 65-74
PA98	PHYSICALLY DEMANDING JOB IN LAST YEAR
PA99	JOB 1: CODE
PA100	JOB 1: MIN/DAY WALK/BIKE TO WORK
PA101	JOB 1: MOS/YR
PA102	JOB 1: DAY/WK
PA103	JOB 1: HR/DAY
PA104	JOB 1: HR LIGHT WORK
PA105	JOB 1: HR MODERATE WORK
PA106	JOB 1: HR HARD WORK
PA107	JOB 2: CODE
PA108	JOB 2: MIN/DAY WALK/BIKE TO WORK
PA109	JOB 2: MOS/YR
PA110	JOB 2: DAY/WK
PA111	JOB 2: HR/DAY
PA112	JOB 2: HR LIGHT WORK
PA113	JOB 2: HR MODERATE WORK
PA114	JOB 2: HR HARD WORK
PA115	JOB 3: CODE
PA116	JOB 3: MIN/DAY WALK/BIKE TO WORK
PA117	JOB 3: MOS/YR
PA118	JOB 3: DAY/WK
PA119	JOB 3: HR/DAY
PA120	JOB 3: HR LIGHT WORK
PA121	JOB 3: HR MODERATE WORK

Physical Activity

VARIABLE	LABEL
PA122	JOB 3: HR HARD WORK
PA123	JOB 4: CODE
PA124	JOB 4: MIN/DAY WALK/BIKE TO WORK
PA125	JOB 4: MOS/YR
PA126	JOB 4: DAY/WK
PA127	JOB 4: HR/DAY
PA128	JOB 4: HR LIGHT WORK
PA129	JOB 4: HR MODERATE WORK
PA130	JOB 4: HR HARD WORK
PA131	PHYSICAL JOB >= 1 YEAR
PA132	# PHYSICAL JOBS HELD
PA133	# YRS PHYSICAL JOBS
PA134	COMPETE IN SPORT
PA135	# YRS COMPETE IN SPORT
PA136	CONFINED TO BED/CHAIR
PA137	AGE FIRST CONFINED TO BED/CHAIR
PA138	# MOS CONFINED TO BED/CHAIR
PA139	HRS WATCHING TV/PAST YR
PA140	HRS WATCHING TV/PAST WK
PA141	DIFFICULTY GETTING IN/OUT BED/CHAIR
PA142	DIFFICULTY WALKING ACROSS ROOM
PA143	DIFFICULTY WALKING 10 MIN
PA144	HRS/WK DOING HOUSEWORK
PA145	HRS SLEEPING/DAY
PA146	HRS NAPPING/DAY
PA147	HRS WALKING/DAY
PA148	HRS CARRY-LIFTING/DAY

ADMINISTRATIVE INFORMATION

PA149	RELIABLE TEST
CODE	INTERVIEWER CODE
CENTER	SHS SITE

Physical Activity Derived METS

VARIABLE	LABEL
IDNO	ID NUMBER
LPTYR	LEISURE HOURS/WEEK IN PAST YEAR (EXCLUDING OTHER CATEGORIES)
LPTWK	LEISURE HOURS IN PAST WEEK (EXCLUDING OTHER CATEGORIES)
LMPTYR	LEISURE METS/WEEK IN PAST YEAR (EXCLUDING OTHER CATEGORIES)
LMPTWK	LEISURE METS IN PAST WEEK (EXCLUDING OTHER CATEGORIES)
LPTYRW	LEISURE HOURS/WEEK IN PAST YEAR (EXCLUDING OTHER & WALK CATEGORIES)
LPTWKW	LEISURE HOURS IN PAST WEEK (EXCLUDING OTHER & WALK CATEGORIES)
LMPTYRW	LEISURE METS/WEEK IN PAST YEAR (EXCLUDING OTHER & WALK CATEGORIES)
LMPTWKW	LEISURE METS PAST WEEK (EXCLUDING OTHER & WALK CATEGORIES)
JOBTIME	JOB HOURS/WEEK IN PAST YEAR
JOBMETS	JOB METS HOURS/WEEK IN PAST YEAR
JOBMOD	MODERATE JOB HOURS/WEEK IN PAST YEAR
JOBHARD	HARD JOB HOURS/WEEK IN PAST YEAR
TOTHRS	LEISURE + JOB HOURS/WEEK IN PAST YEAR (LPTYR + JOBTIME)
TOTHRSW	LEISURE + JOB HOURS/WEEK IN PAST YEAR (LPTYRW + JOBTIME)
TOTMETS	LEISURE + JOB METS/WEEK IN PAST YEAR (LMPTYR + JOBMETS)
TOTMETSW	LEISURE + JOB METS/WEEK IN PAST YEAR (LMPTYRW + JOBMETS)
CENTER	SHS SITE

12-Lead Electrocardiograms

VARIABLE	LABEL
IDNO	ID NUMBER
DATE	DATE
HR	HEART RATE
PR	PR INTERVAL
QRSD	QRS DURATION
QT	QT INTERVAL
PAX	P AXIS
QRSAX	QRS AXIS
TAX	T WAVE AXIS
QTC	QTC INTERVAL
QA_I	Q WAVE AMPLITUDE LEAD I
QA_II	Q WAVE AMPLITUDE LEAD II
QA_III	Q WAVE AMPLITUDE LEAD III
QA_AVF	Q WAVE AMPLITUDE LEAD AVF
QA_AVL	Q WAVE AMPLITUDE LEAD AVL
QA_AVR	Q WAVE AMPLITUDE LEAD AVR
QA_V1	Q WAVE AMPLITUDE LEAD V1
QA_V2	Q WAVE AMPLITUDE LEAD V2
QA_V3	Q WAVE AMPLITUDE LEAD V3
QA_V4	Q WAVE AMPLITUDE LEAD V4
QA_V5	Q WAVE AMPLITUDE LEAD V5
QA_V6	Q WAVE AMPLITUDE LEAD V6
QD_I	Q WAVE DURATION LEAD I
QD_II	Q WAVE DURATION LEAD II
QD_III	Q WAVE DURATION LEAD III
QD_AVF	Q WAVE DURATION LEAD AVF
QD_AVL	Q WAVE DURATION LEAD AVL
QD_AVR	Q WAVE DURATION LEAD AVR
QD_V1	Q WAVE DURATION LEAD V1
QD_V2	Q WAVE DURATION LEAD V2
QD_V3	Q WAVE DURATION LEAD V3
QD_V4	Q WAVE DURATION LEAD V4
QD_V5	Q WAVE DURATION LEAD V5

12-Lead Electrocardiograms

VARIABLE	LABEL
QD_V6	Q WAVE DURATION LEAD V6
BMQAR_I	Q WAVE AREA LEAD I
BMQAR_II	Q WAVE AREA LEAD II
BMQAR_III	Q WAVE AREA LEAD III
BMQAR_AVF	Q WAVE AREA LEAD AVF
BMQAR_AVL	Q WAVE AREA LEAD AVL
BMQAR_AVR	Q WAVE AREA LEAD AVR
BMQAR_V1	Q WAVE AREA LEAD V1
BMQAR_V2	Q WAVE AREA LEAD V2
BMQAR_V3	Q WAVE AREA LEAD V3
BMQAR_V4	Q WAVE AREA LEAD V4
BMQAR_V5	Q WAVE AREA LEAD V5
BMQAR_V6	Q WAVE AREA LEAD V6
RA_I	R WAVE AMPLITUDE LEAD I
RA_II	R WAVE AMPLITUDE LEAD II
RA_III	R WAVE AMPLITUDE LEAD III
RA_AVF	R WAVE AMPLITUDE LEAD AVF
RA_AVL	R WAVE AMPLITUDE LEAD AVL
RA_AVR	R WAVE AMPLITUDE LEAD AVR
RA_V1	R WAVE AMPLITUDE LEAD V1
RA_V2	R WAVE AMPLITUDE LEAD V2
RA_V3	R WAVE AMPLITUDE LEAD V3
RA_V4	R WAVE AMPLITUDE LEAD V4
RA_V5	R WAVE AMPLITUDE LEAD V5
RA_V6	R WAVE AMPLITUDE LEAD V6
RD_I	R WAVE DURATION LEAD I
RD_II	R WAVE DURATION LEAD II
RD_III	R WAVE DURATION LEAD III
RD_AVF	R WAVE DURATION LEAD AVF
RD_AVL	R WAVE DURATION LEAD AVL
RD_AVR	R WAVE DURATION LEAD AVR
RD_V1	R WAVE DURATION LEAD V1
RD_V2	R WAVE DURATION LEAD V2

12-Lead Electrocardiograms

VARIABLE	LABEL
RD_V3	R WAVE DURATION LEAD V3
RD_V4	R WAVE DURATION LEAD V4
RD_V5	R WAVE DURATION LEAD V5
RD_V6	R WAVE DURATION LEAD V6
BMRAR_I	R WAVE AREA LEAD I
BMRAR_II	R WAVE AREA LEAD II
BMRAR_III	R WAVE AREA LEAD III
BMRAR_AVF	R WAVE AREA LEAD AVF
BMRAR_AVL	R WAVE AREA LEAD AVL
BMRAR_AVR	R WAVE AREA LEAD AVR
BMRAR_V1	R WAVE AREA LEAD V1
BMRAR_V2	R WAVE AREA LEAD V2
BMRAR_V3	R WAVE AREA LEAD V3
BMRAR_V4	R WAVE AREA LEAD V4
BMRAR_V5	R WAVE AREA LEAD V5
BMRAR_V6	R WAVE AREA LEAD V6
SA_I	S WAVE AMPLITUDE LEAD I
SA_II	S WAVE AMPLITUDE LEAD II
SA_III	S WAVE AMPLITUDE LEAD III
SA_AVF	S WAVE AMPLITUDE LEAD AVF
SA_AVL	S WAVE AMPLITUDE LEAD AVL
SA_AVR	S WAVE AMPLITUDE LEAD AVR
SA_V1	S WAVE AMPLITUDE LEAD V1
SA_V2	S WAVE AMPLITUDE LEAD V2
SA_V3	S WAVE AMPLITUDE LEAD V3
SA_V4	S WAVE AMPLITUDE LEAD V4
SA_V5	S WAVE AMPLITUDE LEAD V5
SA_V6	S WAVE AMPLITUDE LEAD V6
PA_I	P WAVE AMPLITUDE LEAD I
PA_II	P WAVE AMPLITUDE LEAD II
PA_III	P WAVE AMPLITUDE LEAD III
PA_AVF	P WAVE AMPLITUDE LEAD AVF
PA_AVL	P WAVE AMPLITUDE LEAD AVL

12-Lead Electrocardiograms

VARIABLE	LABEL
PA_AVR	P WAVE AMPLITUDE LEAD AVR
PA_V1	P WAVE AMPLITUDE LEAD V1
PA_V2	P WAVE AMPLITUDE LEAD V2
PA_V3	P WAVE AMPLITUDE LEAD V3
PA_V4	P WAVE AMPLITUDE LEAD V4
PA_V5	P WAVE AMPLITUDE LEAD V5
PA_V6	P WAVE AMPLITUDE LEAD V6
PD_I	P WAVE DURATION LEAD I
PD_II	P WAVE DURATION LEAD II
PD_III	P WAVE DURATION LEAD III
PD_AVF	P WAVE DURATION LEAD AVF
PD_AVL	P WAVE DURATION LEAD AVL
PD_AVR	P WAVE DURATION LEAD AVR
PD_V1	P WAVE DURATION LEAD V1
PD_V2	P WAVE DURATION LEAD V2
PD_V3	P WAVE DURATION LEAD V3
PD_V4	P WAVE DURATION LEAD V4
PD_V5	P WAVE DURATION LEAD V5
PD_V6	P WAVE DURATION LEAD V6
SD_I	S WAVE DURATION LEAD I
SD_II	S WAVE DURATION LEAD II
SD_III	S WAVE DURATION LEAD III
SD_AVF	S WAVE DURATION LEAD AVF
SD_AVL	S WAVE DURATION LEAD AVL
SD_AVR	S WAVE DURATION LEAD AVR
SD_V1	S WAVE DURATION LEAD V1
SD_V2	S WAVE DURATION LEAD V2
SD_V3	S WAVE DURATION LEAD V3
SD_V4	S WAVE DURATION LEAD V4
SD_V5	S WAVE DURATION LEAD V5
SD_V6	S WAVE DURATION LEAD V6
BMSAR_I	S WAVE AREA LEAD I
BMSAR_II	S WAVE AREA LEAD II

12-Lead Electrocardiograms

VARIABLE	LABEL
BMSAR_III	S WAVE AREA LEAD III
BMSAR_AVF	S WAVE AREA LEAD AVF
BMSAR_AVL	S WAVE AREA LEAD AVL
BMSAR_AVR	S WAVE AREA LEAD AVR
BMSAR_V1	S WAVE AREA LEAD V1
BMSAR_V2	S WAVE AREA LEAD V2
BMSAR_V3	S WAVE AREA LEAD V3
BMSAR_V4	S WAVE AREA LEAD V4
BMSAR_V5	S WAVE AREA LEAD V5
BMSAR_V6	S WAVE AREA LEAD V6
RPA_I	R PRIME AMPLITUDE LEAD I
RPA_II	R PRIME AMPLITUDE LEAD II
RPA_III	R PRIME AMPLITUDE LEAD III
RPA_AVF	R PRIME AMPLITUDE LEAD AVF
RPA_AVL	R PRIME AMPLITUDE LEAD AVL
RPA_AVR	R PRIME AMPLITUDE LEAD AVR
RPA_V1	R PRIME AMPLITUDE LEAD V1
RPA_V2	R PRIME AMPLITUDE LEAD V2
RPA_V3	R PRIME AMPLITUDE LEAD V3
RPA_V4	R PRIME AMPLITUDE LEAD V4
RPA_V5	R PRIME AMPLITUDE LEAD V5
RPA_V6	R PRIME AMPLITUDE LEAD V6
RPD_I	R PRIME DURATION LEAD I
RPD_II	R PRIME DURATION LEAD II
RPD_III	R PRIME DURATION LEAD III
RPD_AVF	R PRIME DURATION LEAD AVF
RPD_AVL	R PRIME DURATION LEAD AVL
RPD_AVR	R PRIME DURATION LEAD AVR
RPD_V1	R PRIME DURATION LEAD V1
RPD_V2	R PRIME DURATION LEAD V2
RPD_V3	R PRIME DURATION LEAD V3
RPD_V4	R PRIME DURATION LEAD V4
RPD_V5	R PRIME DURATION LEAD V5

12-Lead Electrocardiograms

VARIABLE	LABEL
RPD_V6	R PRIME DURATION LEAD V6
BMRPAR_I	R PRIME AREA LEAD I
BMRPAR_II	R PRIME AREA LEAD II
BMRPAR_III	R PRIME AREA LEAD III
BMRPAR_AVF	R PRIME AREA LEAD AVF
BMRPAR_AVL	R PRIME AREA LEAD AVL
BMRPAR_AVR	R PRIME AREA LEAD AVR
BMRPAR_V1	R PRIME AREA LEAD V1
BMRPAR_V2	R PRIME AREA LEAD V2
BMRPAR_V3	R PRIME AREA LEAD V3
BMRPAR_V4	R PRIME AREA LEAD V4
BMRPAR_V5	R PRIME AREA LEAD V5
BMRPAR_V6	R PRIME AREA LEAD V6
SPA_I	S PRIME AMPLITUDE LEAD I
SPA_II	S PRIME AMPLITUDE LEAD II
SPA_III	S PRIME AMPLITUDE LEAD III
SPA_AVF	S PRIME AMPLITUDE LEAD AVF
SPA_AVL	S PRIME AMPLITUDE LEAD AVL
SPA_AVR	S PRIME AMPLITUDE LEAD AVR
SPA_V1	S PRIME AMPLITUDE LEAD V1
SPA_V2	S PRIME AMPLITUDE LEAD V2
SPA_V3	S PRIME AMPLITUDE LEAD V3
SPA_V4	S PRIME AMPLITUDE LEAD V4
SPA_V5	S PRIME AMPLITUDE LEAD V5
SPA_V6	S PRIME AMPLITUDE LEAD V6
SPD_I	S PRIME DURATION LEAD I
SPD_II	S PRIME DURATION LEAD II
SPD_III	S PRIME DURATION LEAD III
SPD_AVF	S PRIME DURATION LEAD AVF
SPD_AVL	S PRIME DURATION LEAD AVL
SPD_AVR	S PRIME DURATION LEAD AVR
SPD_V1	S PRIME DURATION LEAD V1
SPD_V2	S PRIME DURATION LEAD V2

12-Lead Electrocardiograms

VARIABLE	LABEL
SPD_V3	S PRIME DURATION LEAD V3
SPD_V4	S PRIME DURATION LEAD V4
SPD_V5	S PRIME DURATION LEAD V5
SPD_V6	S PRIME DURATION LEAD V6
BMSPAR_I	S PRIME AREA LEAD I
BMSPAR_II	S PRIME AREA LEAD II
BMSPAR_III	S PRIME AREA LEAD III
BMSPAR_AVF	S PRIME AREA LEAD AVF
BMSPAR_AVL	S PRIME AREA LEAD AVL
BMSPAR_AVR	S PRIME AREA LEAD AVR
BMSPAR_V1	S PRIME AREA LEAD V1
BMSPAR_V2	S PRIME AREA LEAD V2
BMSPAR_V3	S PRIME AREA LEAD V3
BMSPAR_V4	S PRIME AREA LEAD V4
BMSPAR_V5	S PRIME AREA LEAD V5
BMSPAR_V6	S PRIME AREA LEAD V6
STJ_I	ST J POINT LEAD I
STJ_II	ST J POINT LEAD II
STJ_III	ST J POINT LEAD III
STJ_AVF	ST J POINT LEAD AVF
STJ_AVL	ST J POINT LEAD AVL
STJ_AVR	ST J POINT LEAD AVR
STJ_V1	ST J POINT LEAD V1
STJ_V2	ST J POINT LEAD V2
STJ_V3	ST J POINT LEAD V3
STJ_V4	ST J POINT LEAD V4
STJ_V5	ST J POINT LEAD V5
STJ_V6	ST J POINT LEAD V6
STM_I	ST M POINT LEAD I
STM_II	ST M POINT LEAD II
STM_III	ST M POINT LEAD III
STM_AVF	ST M POINT LEAD AVF
STM_AVL	ST M POINT LEAD AVL

12-Lead Electrocardiograms

VARIABLE	LABEL
STM_AVR	ST M POINT LEAD AVR
STM_V1	ST M POINT LEAD V1
STM_V2	ST M POINT LEAD V2
STM_V3	ST M POINT LEAD V3
STM_V4	ST M POINT LEAD V4
STM_V5	ST M POINT LEAD V5
STM_V6	ST M POINT LEAD V6
STE_I	ST E POINT LEAD I
STE_II	ST E POINT LEAD II
STE_III	ST E POINT LEAD III
STE_AVF	ST E POINT LEAD AVF
STE_AVL	ST E POINT LEAD AVL
STE_AVR	ST E POINT LEAD AVR
STE_V1	ST E POINT LEAD V1
STE_V2	ST E POINT LEAD V2
STE_V3	ST E POINT LEAD V3
STE_V4	ST E POINT LEAD V4
STE_V5	ST E POINT LEAD V5
STE_V6	ST E POINT LEAD V6
TA_I	T WAVE AMPLITUDE LEAD I
TA_II	T WAVE AMPLITUDE LEAD II
TA_III	T WAVE AMPLITUDE LEAD III
TA_AVF	T WAVE AMPLITUDE LEAD AVF
TA_AVL	T WAVE AMPLITUDE LEAD AVL
TA_AVR	T WAVE AMPLITUDE LEAD AVR
TA_V1	T WAVE AMPLITUDE LEAD V1
TA_V2	T WAVE AMPLITUDE LEAD V2
TA_V3	T WAVE AMPLITUDE LEAD V3
TA_V4	T WAVE AMPLITUDE LEAD V4
TA_V5	T WAVE AMPLITUDE LEAD V5
TA_V6	T WAVE AMPLITUDE LEAD V6
BMTAR_I	T WAVE AREA LEAD I
BMTAR_II	T WAVE AREA LEAD II

12-Lead Electrocardiograms

VARIABLE	LABEL
BMTAR_III	T WAVE AREA LEAD III
BMTAR_AVF	T WAVE AREA LEAD AVF
BMTAR_AVL	T WAVE AREA LEAD AVL
BMTAR_AVR	T WAVE AREA LEAD AVR
BMTAR_V1	T WAVE AREA LEAD V1
BMTAR_V2	T WAVE AREA LEAD V2
BMTAR_V3	T WAVE AREA LEAD V3
BMTAR_V4	T WAVE AREA LEAD V4
BMTAR_V5	T WAVE AREA LEAD V5
BMTAR_V6	T WAVE AREA LEAD V6
PAREA_I	P WAVE NET AREA LEAD I
PAREA_II	P WAVE NET AREA LEAD II
PAREA_III	P WAVE NET AREA LEAD III
PAREA_AVF	P WAVE NET AREA LEAD AVF
PAREA_AVL	P WAVE NET AREA LEAD AVL
PAREA_AVR	P WAVE NET AREA LEAD AVR
PAREA_V1	P WAVE NET AREA LEAD V1
PAREA_V2	P WAVE NET AREA LEAD V2
PAREA_V3	P WAVE NET AREA LEAD V3
PAREA_V4	P WAVE NET AREA LEAD V4
PAREA_V5	P WAVE NET AREA LEAD V5
PAREA_V6	P WAVE NET AREA LEAD V6
CENTER	SHS SITE

GTT Checklist

VARIABLE	LABEL
IDNO	ID NUMBER
DATE	DATE
GTT1	TIME LAST ATE
GTT2	TIME OF COLLECTION FASTING BLOOD SAMPLE
GTT3	TIME THE 75 GRAM GLUCOSE BEVERAGE CONSUMED
GTT4	URINE SAMPLE TAKEN
GTT5	TIME OF 2 HR BLOOD SAMPLE
GTT6	REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, INSULIN TREATMENT
GTT7	REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, ORAL AGENT
GTT8	REASON GLUCOSE BEVERAGE NOT CONSUMED: ACCUCHEK > 225 MG/DL
GTT9	REASON GLUCOSE BEVERAGE NOT CONSUMED: RENAL DIALYSIS
GTT10	REASON GLUCOSE BEVERAGE NOT CONSUMED: KIDNEY TRANSPLANT
GTT11	REASON GLUCOSE BEVERAGE NOT CONSUMED: REFUSAL
CENTER	SHS SITE

Laboratory Measures

VARIABLE	LABEL
IDNO	ID NUMBER
CHEMISTRIES	
S1G0	FASTING GLUCOSE (mg/dL)
S1G2	2-HOUR GLUCOSE (mg/dL)
S1P_CREA	PLASMA CREATININE (mg/dL)
S1INSU	INSULIN (uU/mL)
S1HBA1C	HEMOGLOBIN A1C (%)
HEMOSTASIS	
S1FIBRIN	FIBRINOGEN (mg/dL)
LIPIDS	
S1APOA1	APO LIPOPROTEIN A1 (APOA1) (mg/dL)
S1APOE	APO LIPOPROTEIN E (APOE) (mg/dL)
S1APOB	APO LIPOPROTEIN B (APOB) (mg/dL)
S1TC	TOTAL CHOLESTEROL (mg/dL)
S1TG	TRIGLYCERIDE (mg/dL)
S1HDL	HDL CHOLESTEROL (mg/dL)
S1LDL	LDL CHOLESTEROL (mg/dL)
S1VLDLTG	VLDL TRIGLYCERIDE (mg/dL)
S1VLDLTC	VLDL CHOLESTEROL (mg/dL)
S1LPA	LIPOPROTEIN(a)
URINE COLLECTION	
S1U_ALB	URINE ALBUMIN (mg/L)
S1U_CREA	URINE CREATININE (mg/dL)
CENTER	SHS SITE

Derived Medication

VARIABLE	LABEL
IDNO	ID NUMBER
S1ANTIHIST	ANTIHISTAMINES
S1ANTIBIOTIC	ANTIBIOTICS
S1ANTINEO	ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)
S1ANTICOAG	ANTICOAGULANTS
S1CARDIAC	CARDIAC DRUGS
S1LIPIDLOW	HYPOLIPIDEMIC (LIPID LOWERING)
S1HYPOTEN	HYPOTENSIVE AGENTS
S1BETABLOCK	BETA-BLOCKERS
S1ANALGESIC	ANALGESIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)
S1ASPIRIN	ASPIRIN
S1ANTICONV	ANTICONVULSANTS
S1PSYCHOTHER	PSYCHOTHERAPEUTIC AGENTS
S1DIURETIC	DIURETICS
S1GASTRO	GASTROINTESTINAL DRUGS
S1ADRENAL	ADRENALS (STEROIDS)
S1CONTRA	CONTRACEPTIVES
S1ESTRO	ESTROGENS
S1ANTIDM	ANTIDIABETIC AGENTS
S1INSULIN	INSULINS
S1SULFRON	SULFONYLUREAS
S1THYROID	THYROID AGENTS
S1SKIN	OINTMENTS AND OTHER TOPICAL PRODUCTS
S1VITAMIN	VITAMINS

Medication Details

VARIABLE	LABEL
IDNO	ID NUMBER
MNAME31	DRUG NAME
MDOSE31	DRUG DOSE
RXDAY31	RX PER DAY
PRN31	TAKE AS NEEDED
TKNDAY31	HOW MANY TAKEN?
MCLASS31	MATCHING DRUG CLASS CODE (AHFS DRUG CODE)
LEVEL1GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TIER 1
LEVEL2GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TIER 2
LEVEL3GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TIER 3
S1ANTIHIST	ANTIHISTAMINES
S1ANTIBIOTIC	ANTIBIOTICS
S1ANTINEO	ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)
S1ANTICOAG	ANTICOAGULANTS
S1CARDIAC	CARDIAC DRUGS
S1LIPIDLOW	HYPOLIPIDEMIC (LIPID LOWERING)
S1HYPOTEN	HYPOTENSIVE AGENTS
S1BETABLOCK	BETA-BLOCKERS
S1ANALGESIC	ANALGESTIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)
S1ASPIRIN	ASPIRIN
S1ANTICONV	ANTICONVULSANTS
S1PSYCHOTHER	PSYCHOTHERAPEUTIC AGENTS
S1DIURETIC	DIURETICS
S1GASTRO	GASTROINTESTINAL DRUGS
S1ADRENAL	ADRENALS (STEROIDS)
S1CONTRA	CONTRACEPTIVES
S1ESTRO	ESTROGENS
S1ANTIDM	ANTIDIABETIC AGENTS
S1INSULIN	INSULINS
S1SULFRON	SULFONYLUREAS
S1THYROID	THYROID AGENTS

Medication Details

VARIABLE	LABEL
S1SKIN	OINTMENTS AND OTHER TOPICAL PRODUCTS
S1VITAMIN	VITAMINS

Phase 1 Derived Variables

VARIABLE	LABEL
IDNO	ID NUMBER
S1EXDATE	SHS1 EXAM DATE
S1AGE	SHS1 AGE
S1ADADM	SHS1 DIABETES STATUS ACCORDING TO 1997 ADA CRITERIA
S1ADADMD	SHS1 DURATION (YEARS) OF DIABETES ACCORDING TO 1997 ADA CRITERIA
S1DMTX	SHS1 DIABETES TREATMENT
S1SBP	SHS1 SYSTOLIC BLOOD PRESSURE (mmHg)
S1DBP	SHS1 DIASTOLIC BLOOD PRESSURE (mmHg)
S1MBP	SHS1 MEAN ARTERIAL PRESSURE (mmHg)
S1USHTN	SHS1 HYPERTENSION BY US DEFINITION
S1HTNRX	SHS1 HYPERTENSION TREATMENT
S1ACR	SHS1 ALBUMINURIA
S1UACR	SHS1 URINARY ALBUMIN/CREATININE RATIO (mg/g)
S1LACR	SHS1 NATURAL LOG OF URINARY ALBUMIN/CREATININE RATIO
S1CCR	SHS1 COCKROFT-GAULT CREATININE CLEARANCE (mm/min)
S1GFRM2	SHS1 GLOMERULAR FILTRATION RATE (mL/min/1.73^2) - (MDRD with 175 constant)
S1P_CREA_CAL	SHS1 RECALIBRATED PLASMA CREATININE (mg/dL)
S1GFR_MC	SHS1 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (MDRD with 175 constant and recalibrated creatinine)
S1GFR_EPIC	SHS1 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (CKD-EPI and recalibrated creatinine)
S1RT_AAR	SHS1 RIGHT ANKLE-ARM RATIO
S1LT_AAR	SHS1 LEFT ANKLE-ARM RATIO
S1PP	SHS1 PULSE PRESSURE (mm/Hg)
S1BMI	SHS1 BODY MASS INDEX (kg/m^2)
S1WHR	SHS1 WAIST HIP RATIO
S1BDFAT	SHS1 %BODY FAT - (RJL CALCULATION)
S1SMOKE	SHS1 SMOKING STATUS
S1SMKD	SHS1 SMOKING DURATION IN YEARS
S1PPY	SHS1 SMOKING PACKS PER YEAR
S1ETOH	SHS1 ALCOHOL DRINKING STATUS

Phase 1 Derived Variables

VARIABLE	LABEL
S1MENO	SHS1 POSTMENOPAUSAL
S1ESTRO	SHS1 ESTROGEN USE
S1HOMAIR	SHS1 HOMEOSTASIS ASSESSMENT (HOMA-IR)

Personal Interview Form I

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D. Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **INT1_4**
SAS label: **1ST HOSPITAL CODE**
Question: **Q2a: Hospital code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: **INT1_5**
SAS label: **2ND HOSPITAL CODE**
Question: **Q2b: Hospital code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Personal Interview Form I

Variable name: INT1_6
SAS label: 3RD HOSPITAL CODE
Question: Q2c: Hospital code
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: INT1_7
SAS label: 4TH HOSPITAL CODE
Question: Q2d: Hospital code
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: INT1_8
SAS label: NON-IHS HOSPITAL CODE
Question: Q3: To which non-HIS Hospital/Clinic do you usually go?
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Personal Interview Form I

Variable name: CENTER
SAS label: SHS SITE
Question: SHS Site
Note: None

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Personal Interview Form II

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **INT2_1**
SAS label: **GENDER**
Question: **Q12: Gender**
Note: **None**

Code or Value	Value description	Skip to item
1	Male	
2	Female	

Variable name: **INT2_2A**
SAS label: **MARITAL STATUS**
Question: **Q13: What is your marital status?**
Note: **Enter up to 2 options**

Code or Value	Value description	Skip to item
1	Never married	
2	Currently married	
3	Divorced	
4	Separated	
5	Widowed	
6	Person of Opposite Sex Sharing Living Quarters	
.	Missing	

Personal Interview Form II

Variable name: INT2_2B
SAS label: MARITAL STATUS 2
Question: Q13: What is your marital status?
Note: Enter up to 3 options

Code or Value	Value description	Skip to item
1	Never married	
2	Currently married	
3	Divorced	
4	Separated	
5	Widowed	
6	Person of Opposite Sex Sharing Living Quarters	
.	Missing	

Variable name: INT2_2C
SAS label: MARITAL STATUS 3
Question: Q13: What is your marital status?
Note: Enter up to 3 options

Code or Value	Value description	Skip to item
1	Never married	
2	Currently married	
3	Divorced	
4	Separated	
5	Widowed	
6	Person of Opposite Sex Sharing Living Quarters	
.	Missing	

Personal Interview Form II

Variable name: INT2_4
SAS label: EDUCATION
Question: Q15: How many years of education have you completed?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

FAMILY HISTORY

Variable name: INT2_29
SAS label: # OF SONS
Question: Q19: How many natural sons do you have?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: INT2_30
SAS label: # OF DAUGHTERS
Question: Q20: How many natural daughters do you have?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

SMOKING CIGARETTES

Variable name:	**INT2_31**
SAS label:	**FATHER SMOKE**
Question:	**Q21: When you were growing up, did your father or male guardian ever smoke cigarettes regularly?**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
3	No father or male guardian	
9	Unknown	
.	Missing	

Variable name:	**INT2_32**
SAS label:	**MOTHER SMOKE**
Question:	**Q22: When you were growing up , did your mother or female guardian ever smoke cigarettes regularly?**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
3	No mother or female guardian	
9	Unknown	
.	Missing	

Personal Interview Form II

Variable name: **INT2_33**
SAS label: **HOURS EXPOSED TO THE SMOKE OF OTHERS/ DAY**
Question: **Q23: Whether or not you smoke, on the average, how many hours a day are you exposed to the smoke of others?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **INT2_34**
SAS label: **SMOKE >100 CIGARETTES**
Question: **Q24: Have you smoked at least 100 cigarettes in your entire life?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q30 (INT2_40)
9	Unknown	
.	Missing	

Variable name: **INT2_35**
SAS label: **AGE STARTED SMOKING**
Question: **Q25: How old were you when you first started smoking cigarettes fairly regularly?**
Note: **If Never smoked regularly, skip to Q30 (INT2_40).**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Personal Interview Form II

Variable name: **INT2_36**
SAS label: **DO YOU SMOKE CIGARETTES NOW**
Question: **Q26: Do you smoke cigarettes now?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	Skip to Q28 (INT2_38)
2	No	
.	Missing	

Variable name: **INT2_37**
SAS label: **AGE QUIT SMOKING**
Question: **Q27: How old were you when you stopped smoking cigarettes?**
Note: **Indicate the age stopped smoking**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **INT2_38**
SAS label: **# OF CIGARETTES PER DAY**
Question: **Q28: On the average, how many cigarettes (did/do) you usually smoke a day?**
Note: **0 = less than one cigarettes**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Personal Interview Form II

Variable name: **INT2_39**
SAS label: **YEARS SMOKED**
Question: **Q29: For how many years (have you been/were you) a regular smoker, do not include the times you may have stayed off cigarettes?**
Note: **0 = less than one year**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

SMOKING – PIPES, CIGARS, AND SMOKELESS TOBACCO

Variable name: **INT2_40**
SAS label: **SMOKE PIPE**
Question: **Q30: Do you smoke a pipe now?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **INT2_41**
SAS label: **SMOKE CIGARS**
Question: **Q31: Do you smoke cigars now?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Personal Interview Form II

Variable name: INT2_42
SAS label: CHEW/SNUFF
Question: Q32: Do you use chewing tobacco/snuff now?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

CAFFEINE

Variable name: INT2_43
SAS label: CUPS OF CAFFEINE
Question: Q33: How many cups/glass of caffeinated beverages (i.e. hot or iced coffee, tea, cocoa, or chocolate milk) do you drink per day?
Note: Specify how many cups/glasses per day

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: INT2_44
SAS label: # CAFFEINE DRINKS
Question: Q34: How many soft drinks with caffeine do you drink per day? (Coke, Pepsi, Mountain Dew, TAB, etc).
Note: Specify how many 12oz. cans per day

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

TRADITIONAL VALUES/CULTURE

Variable name: **INT2_45**
SAS label: **SPEAK NATIVE LANGUAGE**
Question: **Q35: Can you speak your native language?**
Note: **Interview should specify the language**

Code or Value	Value description	Skip to item
1	Yes, fluently	
2	Yes, but not fluently	
3	No	Skip to Q37 (INT2_47)
.	Missing	

Variable name: **INT2_46**
SAS label: **FREQUENCY SPEAK NATIVE LANGUAGE**
Question: **Q36: How often do you speak your native language?**
Note: **None**

Code or Value	Value description	Skip to item
1	Always	
2	Almost always	
3	Often	
4	Seldom	
5	Never	
9	Not applicable	
.	Missing	

Personal Interview Form II

Variable name: **INT2_47**
SAS label: **USE TRADITIONAL MEDICINE**
Question: **Q37: How often do you use traditional medicine or herbs for any reason?**
Note: **None**

Code or Value	Value description	Skip to item
1	Always	
2	Almost always	
3	Often	
4	Seldom	
5	Never	
9	Not applicable	
.	Missing	

Variable name: **INT2_48**
SAS label: **PARTICIPATE IN TRADITIONAL CEREMONIES**
Question: **Q38: How often do you or your family participate in traditional tribal ceremonies (i.e., the Pipe Ceremony, Naming Ceremony, Prayer Ceremony?**
Note: **None**

Code or Value	Value description	Skip to item
1	Always	
2	Almost always	
3	Often	
4	Seldom	
5	Never	
9	Not applicable	
.	Missing	

Personal Interview Form II

Variable name: INT2_49
SAS label: YEARS LIVED IN INDIAN COUNTRY OR RESERVATION
Question: Q39: How long have you lived in Indian Country or the reservation?
Note: Enter actual years (If 'all their lives' then put respondent's age)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: INT2_50
SAS label: LIVED OUTSIDE INDIAN COUNTRY OR RESERVATION
Question: Q40: Have you ever lived outside Indian Country or the reservation?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: INT2_51
SAS label: YEARS OUTSIDE INDIAN COUNTRY OR RESERVATION
Question: Q41a: If so, how long?
Note: Enter appropriate years

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **INT2_51A**
SAS label: **LIVED ON RESERVATION FOR 6 OR MORE MONTHS IN THE PAST YEAR**
Question: **Q41b: Have you lived on the reservation or in Indian country for 6 or more months in the last year?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

STRESS EVALUATION

Variable name: **INT2_52**
SAS label: **SLEEP LOST**
Question: **Q42: How much sleep have you lost because of worry recently?**
Note: **None**

Code or Value	Value description	Skip to item
1	None	
2	Occasionally	
3	Frequently	
.	Missing	

Variable name: **INT2_53**
SAS label: **STRESS/STRAIN**
Question: **Q43: How much strain or stress are you under?**
Note: **None**

Code or Value	Value description	Skip to item
1	None	
2	Minimal	
3	A lot	
.	Missing	

Personal Interview Form II

Variable name: **INT2_54**
SAS label: **# ARGUMENTS WITH RELATIVES**
Question: **Q44: How many open arguments have you had with your relatives in the last 2 weeks?**
Note: **None**

Code or Value	Value description	Skip to item
1	None	
2	Only minor arguments	
3	More than one argument	
4	Many arguments	
5	Constantly arguing	
.	Missing	

Variable name: **INT2_55**
SAS label: **ALCOHOL PROBLEM IN HOUSEHOLD**
Question: **Q45: Does any member of your household currently have a problem with alcohol?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Don't know/not sure	
.	Missing	

Variable name: **INT2_56**
SAS label: **# IN HOUSEHOLD**
Question: **Q46: How many people live in your household?**
Note: **Enter number in household**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Personal Interview Form II

ALCOHOL

The next few questions are about the use of wine, beer, or liquor, including all kinds of alcoholic beverages.

Variable name:	**INT2_57**
SAS label:	**>=12 DRINKS IN LIFE**
Question:	**Q47: In your entire life, have you had at least 12 drinks of any kind of alcoholic beverage?**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q55 (INT2_67)
.	Missing	

Variable name:	**INT2_58**
SAS label:	**DAYS SINCE LAST DRINK**
Question:	**Q48: How long ago did you last drink any kind of alcoholic beverage? Number of days**
Note:	**If they drank today, enter 0**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:	**INT2_59**
SAS label:	**MONTHS SINCE LAST DRINK**
Question:	**Q48: How long ago did you last drink any kind of alcoholic beverage? Number of months**
Note:	**If they drank this month, enter 0**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Personal Interview Form II

Variable name: **INT2_60**
SAS label: **YEARS SINCE LAST DRINK**
Question: **Q48: How long ago did you last drink any kind of alcoholic beverage? Number of years**
Note: **If they drank this year, enter 0. If more than one year ago, Skip to Q54 (INT2_66)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **INT2_61**
SAS label: **DRINKS PER WEEK**
Question: **Q49: How many drinks of alcoholic beverages do you have in a typical week?**
Note: **Add up the total number of drinks in a typical week and fill in. Round up to the nearest whole number.**

Drinking habits	Drink equivalent
Occasional drinkers	1 drink
1 qt of beer	2.5 drinks
1 pt of beer	1 drinks
1 pt of wine	4 drinks
1 qt of wine	8 drinks
0.5 gal of wine	16 drinks
1 pt of hard liquor	12 drinks
One-fifth of hard liquor	19 drinks
1 case of beer (12 oz cans)	24 drinks
6 pack of beer (12 oz cans)	6 drinks

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Personal Interview Form II

Variable name: **INT2_62**
SAS label: **DAYS PER MONTH HAVE 1 DRINK**
Question: **Q50: On how many days in a typical month do you have at least one drink?**
Note: **Indicate number of days per month**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **INT2_63**
SAS label: **# DRINKS PER DAY**
Question: **Q51: On the days when you drank any liquor, beer or wine, about how many drinks do you have on the average?**
Note: **Indicate number of drinks per day**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **INT2_64**
SAS label: **PAST MONTH >=5 DRINKS**
Question: **Q52: How many times during the past month did you have 5 or more drinks on an occasion?**
Note: **Indicate times per month**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Personal Interview Form II

Variable name: INT2_65
SAS label: PAST YEAR >= 5 DRINKS
Question: Q53: How many times during the past year did you have 5 or more drinks on an occasion?
Note: Indicate times per year

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: INT2_66
SAS label: PAST DRINKING PROBLEM
Question: Q54: Did you drink a lot in the past?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

FAMILY INCOME

Variable name: INT2_67
SAS label: ENOUGH INCOME TO PAY BILLS
Question: Q55: Do you have enough family income to pay the bills?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Personal Interview Form II

Variable name: INT2_68
SAS label: # IN HOME ON FOOD STAMPS OR WIC PROGRAM
Question: Q56: Of those people who regularly live in your home, how many of them regularly receive food stamps or are on the WIC programs?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: INT2_69
SAS label: # IN HOME RECEIVE COMMODITIES
Question: Q57: Of those people who regularly live in your home, how many of them regularly receive commodity food?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: INT2_70
SAS label: ANNUAL HOUSEHOLD INCOME
Question: Q58: Which of the following categories best describes your annual household income from all sources?
Note: None

Code or Value	Value description	Skip to item
0	Refused	
1	Less than 5,000	
2	5,000 to 10,000	
3	10,000 to 15,000	
4	15,000 to 20,000	
5	20,000 to 25,000	
6	25,000 to 35,000	
7	35,000 to 50,000	
8	Over 50,000	
9	Don't know/not sure	
.	Missing	

Personal Interview Form II

ADMINISTRATIVE INFORMATION

Variable name: INT2_71
SAS label: HOW RELIABLE IS THE QUESTIONNAIRE
Question: Q59: How reliable was the participant in completing this questionnaire?
Note: None

Code or Value	Value description	Skip to item
1	Very reliable	
2	Reliable	
3	Unreliable	
4	Very unreliable	
5	Uncertain	
.	Missing	

Variable name: CODE
SAS label: INTERVIEWER'S CODE
Question: Q60: Interviewer
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: DOC
SAS label: INTERVIEW DATE
Question: Q61: Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Personal Interview Form II

Variable name: **CENTER**
SAS label: **SHS SITE**
Question: **SHS Site**
Note: **None**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Family History

Variable name: IDNO
SAS label: ID NUMBER
Question: SHS I.D. Number
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FH1
SAS label: 1: RELATIONSHIP CODE
Question: Q1: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Variable name: FH2
SAS label: 1: BIRTH YEAR
Question: Q1: Year of birth
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Family History

Variable name: **FH3**
SAS label: **1: VITAL STATUS**
Question: **Q1: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH4**
SAS label: **1: DEATH AGE**
Question: **Q1: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH5**
SAS label: **1: DEATH CAUSE**
Question: **Q1: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH6**
SAS label: **1: HX HEART ATTACK**
Question: **Q1: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH7
SAS label: 1: HX HEART DISEASE
Question: Q1: History of heart disease
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH8
SAS label: 1: HX HIGH BLOOD PRESSURE
Question: Q1: History of high blood pressure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH9
SAS label: 1: HX DIABETES
Question: Q1: History of diabetes mellitus
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH10**
SAS label: **1: HX KIDNEY FAILURE**
Question: **Q1: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH11**
SAS label: **1: HX STROKE**
Question: **Q1: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH12**
SAS label: **1: HX ARTHRITIS**
Question: **Q1: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH13**
SAS label: **1: CANCER**
Question: **Q1: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH14**
SAS label: **2: RELATIONSHIP CODE**
Question: **Q2: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: FH15
SAS label: 2: BIRTH YEAR
Question: Q2: Year of birth
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: FH16
SAS label: 2: VITAL STATUS
Question: Q2: Vital Status
Note: None

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: FH17
SAS label: 2: DEATH AGE
Question: Q2: Death Age
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH18**
SAS label: **2: DEATH CAUSE**
Question: **Q2: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH19**
SAS label: **2: HX HEART ATTACK**
Question: **Q2: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH20**
SAS label: **2: HX HEART DISEASE**
Question: **Q2: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH21**
SAS label: **2: HX HIGH BLOOD PRESSURE**
Question: **Q2: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH22**
SAS label: **2: HX DIABETES**
Question: **Q2: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH23**
SAS label: **2: HX KIDNEY FAILURE**
Question: **Q2: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH24**
SAS label: **2: HX STROKE**
Question: **Q2: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH25**
SAS label: **2: HX ARTHRITIS**
Question: **Q2: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH26
SAS label: 2: CANCER
Question: Q2: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH27
SAS label: 3: RELATIONSHIP CODE
Question: Q3: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH28**
SAS label: **3: BIRTH YEAR**
Question: **Q3: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH29**
SAS label: **3: VITAL STATUS**
Question: **Q3: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH30**
SAS label: **3: DEATH AGE**
Question: **Q3: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH31**
SAS label: **3: DEATH CAUSE**
Question: **Q3: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH32**
SAS label: **3: HX HEART ATTACK**
Question: **Q3: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH33**
SAS label: **3: HX HEART DISEASE**
Question: **Q3: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH34**
SAS label: **3: HX HIGH BLOOD PRESSURE**
Question: **Q3: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH35**
SAS label: **3: HX DIABETES**
Question: **Q3: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH36
SAS label: 3: HX KIDNEY FAILURE
Question: Q3: History of kidney failure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH37
SAS label: 3: HX STROKE
Question: Q3: History of stroke
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH38
SAS label: 3: HX ARTHRITIS
Question: Q3: History of arthritis
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH39**
SAS label: **3: CANCER**
Question: **Q3: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH40**
SAS label: **4: RELATIONSHIP CODE**
Question: **Q4: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH41**
SAS label: **4: BIRTH YEAR**
Question: **Q4: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH42**
SAS label: **4: VITAL STATUS**
Question: **Q4: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH43**
SAS label: **4: DEATH AGE**
Question: **Q4: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH44**
SAS label: **4: DEATH CAUSE**
Question: **Q4: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH45**
SAS label: **4: HX HEART ATTACK**
Question: **Q4: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH46**
SAS label: **4: HX HEART DISEASE**
Question: **Q4: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH47**
SAS label: **4: HX HIGH BLOOD PRESSURE**
Question: **Q4: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH48**
SAS label: **4: HX DIABETES**
Question: **Q4: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH49**
SAS label: **4: HX KIDNEY FAILURE**
Question: **Q4: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH50**
SAS label: **4: HX STROKE**
Question: **Q4: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH51**
SAS label: **4: HX ARTHRITIS**
Question: **Q4: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH52
SAS label: 4: CANCER
Question: Q4: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH53
SAS label: 5: RELATIONSHIP CODE
Question: Q5: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH54**
SAS label: **5: BIRTH YEAR**
Question: **Q5: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH55**
SAS label: **5: VITAL STATUS**
Question: **Q5: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH56**
SAS label: **5: DEATH AGE**
Question: **Q5: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH57**
SAS label: **5: DEATH CAUSE**
Question: **Q5: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH58**
SAS label: **5: HX HEART ATTACK**
Question: **Q5: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH59**
SAS label: **5: HX HEART DISEASE**
Question: **Q5: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH60**
SAS label: **5: HX HIGH BLOOD PRESSURE**
Question: **Q5: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH61**
SAS label: **5: HX DIABETES**
Question: **Q5: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH62**
SAS label: **5: HX KIDNEY FAILURE**
Question: **Q5: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH63**
SAS label: **5: HX STROKE**
Question: **Q5: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH64**
SAS label: **5: HX ARTHRITIS**
Question: **Q5: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH65
SAS label: 5: CANCER
Question: Q5: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH66
SAS label: 6: RELATIONSHIP CODE
Question: Q6: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH67**
SAS label: **6: BIRTH YEAR**
Question: **Q6: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH68**
SAS label: **6: VITAL STATUS**
Question: **Q6: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH69**
SAS label: **6: DEATH AGE**
Question: **Q6: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH70**
SAS label: **6: DEATH CAUSE**
Question: **Q6: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH71**
SAS label: **6: HX HEART ATTACK**
Question: **Q6: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH72
SAS label: 6: HX HEART DISEASE
Question: Q6: History of heart disease
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH73
SAS label: 6: HX HIGH BLOOD PRESSURE
Question: Q6: History of high blood pressure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH74
SAS label: 6: HX DIABETES
Question: Q6: History of diabetes mellitus
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH75**
SAS label: **6: HX KIDNEY FAILURE**
Question: **Q6: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH76**
SAS label: **6: HX STROKE**
Question: **Q6: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH77**
SAS label: **6: HX ARTHRITIS**
Question: **Q6: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH78
SAS label: 6: CANCER
Question: Q6: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH79
SAS label: 7: RELATIONSHIP CODE
Question: Q7: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH80**
SAS label: **7: BIRTH YEAR**
Question: **Q7: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH81**
SAS label: **7: VITAL STATUS**
Question: **Q7: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH82**
SAS label: **7: DEATH AGE**
Question: **Q7: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH83**
SAS label: **7: DEATH CAUSE**
Question: **Q7: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH84**
SAS label: **7: HX HEART ATTACK**
Question: **Q7: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH85**
SAS label: **7: HX HEART DISEASE**
Question: **Q7: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH86**
SAS label: **7: HX HIGH BLOOD PRESSURE**
Question: **Q7: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH87**
SAS label: **7: HX DIABETES**
Question: **Q7: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH88**
SAS label: **7: HX KIDNEY FAILURE**
Question: **Q7: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH89**
SAS label: **7: HX STROKE**
Question: **Q7: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH90**
SAS label: **7: HX ARTHRITIS**
Question: **Q7: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH91**
SAS label: **7: CANCER**
Question: **Q7: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH92**
SAS label: **8: RELATIONSHIP CODE**
Question: **Q8: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH93**
SAS label: **8: BIRTH YEAR**
Question: **Q8: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH94**
SAS label: **8: VITAL STATUS**
Question: **Q8: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH95**
SAS label: **8: DEATH AGE**
Question: **Q8: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: FH96
SAS label: 8: DEATH CAUSE
Question: Q8: Death cause
Note: None

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: FH97
SAS label: 8: HX HEART ATTACK
Question: Q8: History of heart attack
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH98**
SAS label: **8: HX HEART DISEASE**
Question: **Q8: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH99**
SAS label: **8: HX HIGH BLOOD PRESSURE**
Question: **Q8: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH100**
SAS label: **8: HX DIABETES**
Question: **Q8: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH101**
SAS label: **8: HX KIDNEY FAILURE**
Question: **Q8: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH102**
SAS label: **8: HX STROKE**
Question: **Q8: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH103**
SAS label: **8: HX ARTHRITIS**
Question: **Q8: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH104**
SAS label: **8: CANCER**
Question: **Q8: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH105**
SAS label: **9: RELATIONSHIP CODE**
Question: **Q9: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH106**
SAS label: **9: BIRTH YEAR**
Question: **Q9: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH107**
SAS label: **9: VITAL STATUS**
Question: **Q9: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH108**
SAS label: **9: DEATH AGE**
Question: **Q9: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH109**
SAS label: **9: DEATH CAUSE**
Question: **Q9: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH110**
SAS label: **9: HX HEART ATTACK**
Question: **Q9: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH111**
SAS label: **9: HX HEART DISEASE**
Question: **Q9: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH112**
SAS label: **9: HX HIGH BLOOD PRESSURE**
Question: **Q9: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH113**
SAS label: **9: HX DIABETES**
Question: **Q9: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH114**
SAS label: **9: HX KIDNEY FAILURE**
Question: **Q9: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH115**
SAS label: **9: HX STROKE**
Question: **Q9: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH116**
SAS label: **9: HX ARTHRITIS**
Question: **Q9: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH117
SAS label: 9: CANCER
Question: Q9: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH118
SAS label: 10: RELATIONSHIP CODE
Question: Q10: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH119**
SAS label: **10: BIRTH YEAR**
Question: **Q10: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH120**
SAS label: **10: VITAL STATUS**
Question: **Q10: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH121**
SAS label: **10: DEATH AGE**
Question: **Q10: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH122**
SAS label: **10: DEATH CAUSE**
Question: **Q10: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH123**
SAS label: **10: HX HEART ATTACK**
Question: **Q10: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH124**
SAS label: **10: HX HEART DISEASE**
Question: **Q10: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH125**
SAS label: **10: HX HIGH BLOOD PRESSURE**
Question: **Q10: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH126**
SAS label: **10: HX DIABETES**
Question: **Q10: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH127**
SAS label: **10: HX KIDNEY FAILURE**
Question: **Q10: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH128**
SAS label: **10: HX STROKE**
Question: **Q10: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH129**
SAS label: **10: HX ARTHRITIS**
Question: **Q10: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH130
SAS label: 10: CANCER
Question: Q10: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH131
SAS label: 11: RELATIONSHIP CODE
Question: Q11: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH132**
SAS label: **11: BIRTH YEAR**
Question: **Q11: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH133**
SAS label: **11: VITAL STATUS**
Question: **Q11: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH134**
SAS label: **11: DEATH AGE**
Question: **Q11: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH135**
SAS label: **11: DEATH CAUSE**
Question: **Q11: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH136**
SAS label: **11: HX HEART ATTACK**
Question: **Q11: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH137**
SAS label: **11: HX HEART DISEASE**
Question: **Q11: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH138**
SAS label: **11: HX HIGH BLOOD PRESSURE**
Question: **Q11: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH139**
SAS label: **11: HX DIABETES**
Question: **Q11: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH140**
SAS label: **11: HX KIDNEY FAILURE**
Question: **Q11: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH141**
SAS label: **11: HX STROKE**
Question: **Q11: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH142**
SAS label: **11: HX ARTHRITIS**
Question: **Q11: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH143
SAS label: 11: CANCER
Question: Q11: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH144
SAS label: 12: RELATIONSHIP CODE
Question: Q12: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH145**
SAS label: **12: BIRTH YEAR**
Question: **Q12: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH146**
SAS label: **12: VITAL STATUS**
Question: **Q12: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH147**
SAS label: **12: DEATH AGE**
Question: **Q12: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH148**
SAS label: **12: DEATH CAUSE**
Question: **Q12: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH149**
SAS label: **12: HX HEART ATTACK**
Question: **Q12: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH150**
SAS label: **12: HX HEART DISEASE**
Question: **Q12: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH151**
SAS label: **12: HX HIGH BLOOD PRESSURE**
Question: **Q12: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH152**
SAS label: **12: HX DIABETES**
Question: **Q12: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH153
SAS label: 12: HX KIDNEY FAILURE
Question: Q12: History of kidney failure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH154
SAS label: 12: HX STROKE
Question: Q12: History of stroke
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH155
SAS label: 12: HX ARTHRITIS
Question: Q12: History of arthritis
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH156**
SAS label: **12: CANCER**
Question: **Q12: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH157**
SAS label: **13: RELATIONSHIP CODE**
Question: **Q13: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH158**
SAS label: **13: BIRTH YEAR**
Question: **Q13: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH159**
SAS label: **13: VITAL STATUS**
Question: **Q13: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH160**
SAS label: **13: DEATH AGE**
Question: **Q13: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: FH161
SAS label: 13: DEATH CAUSE
Question: Q13: Death cause
Note: None

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: FH162
SAS label: 13: HX HEART ATTACK
Question: Q13: History of heart attack
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH163**
SAS label: **13: HX HEART DISEASE**
Question: **Q13: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH164**
SAS label: **13: HX HIGH BLOOD PRESSURE**
Question: **Q13: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH165**
SAS label: **13: HX DIABETES**
Question: **Q13: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH166**
SAS label: **13: HX KIDNEY FAILURE**
Question: **Q13: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH167**
SAS label: **13: HX STROKE**
Question: **Q13: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH168**
SAS label: **13: HX ARTHRITIS**
Question: **Q13: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH169**
SAS label: **13: CANCER**
Question: **Q13: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH170**
SAS label: **14: RELATIONSHIP CODE**
Question: **Q14: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH171**
SAS label: **14: BIRTH YEAR**
Question: **Q14: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH172**
SAS label: **14: VITAL STATUS**
Question: **Q14: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH173**
SAS label: **14: DEATH AGE**
Question: **Q14: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH174**
SAS label: **14: DEATH CAUSE**
Question: **Q14: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH175**
SAS label: **14: HX HEART ATTACK**
Question: **Q14: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH176
SAS label: 14: HX HEART DISEASE
Question: Q14: History of heart disease
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH177
SAS label: 14: HX HIGH BLOOD PRESSURE
Question: Q14: History of high blood pressure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH178
SAS label: 14: HX DIABETES
Question: Q14: History of diabetes mellitus
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH179**
SAS label: **14: HX KIDNEY FAILURE**
Question: **Q14: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH180**
SAS label: **14: HX STROKE**
Question: **Q14: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH181**
SAS label: **14: HX ARTHRITIS**
Question: **Q14: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH182
SAS label: 14: CANCER
Question: Q14: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH183
SAS label: 15: RELATIONSHIP CODE
Question: Q15: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH184**
SAS label: **15: BIRTH YEAR**
Question: **Q15: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH185**
SAS label: **15: VITAL STATUS**
Question: **Q15: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH186**
SAS label: **15: DEATH AGE**
Question: **Q15: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH187**
SAS label: **15: DEATH CAUSE**
Question: **Q15: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH188**
SAS label: **15: HX HEART ATTACK**
Question: **Q15: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH189**
SAS label: **15: HX HEART DISEASE**
Question: **Q15: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH190**
SAS label: **15: HX HIGH BLOOD PRESSURE**
Question: **Q15: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH191**
SAS label: **15: HX DIABETES**
Question: **Q15: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH192**
SAS label: **15: HX KIDNEY FAILURE**
Question: **Q15: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH193**
SAS label: **15: HX STROKE**
Question: **Q15: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH194**
SAS label: **15: HX ARTHRITIS**
Question: **Q15: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH195
SAS label: 15: CANCER
Question: Q15: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH196
SAS label: 16: RELATIONSHIP CODE
Question: Q16: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH197**
SAS label: **16: BIRTH YEAR**
Question: **Q16: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH198**
SAS label: **16: VITAL STATUS**
Question: **Q16: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH199**
SAS label: **16: DEATH AGE**
Question: **Q16: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH200**
SAS label: **16: DEATH CAUSE**
Question: **Q16: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH201**
SAS label: **16: HX HEART ATTACK**
Question: **Q16: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH202**
SAS label: **16: HX HEART DISEASE**
Question: **Q16: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH203**
SAS label: **16: HX HIGH BLOOD PRESSURE**
Question: **Q16: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH204**
SAS label: **16: HX DIABETES**
Question: **Q16: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH205**
SAS label: **16: HX KIDNEY FAILURE**
Question: **Q16: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH206**
SAS label: **16: HX STROKE**
Question: **Q16: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH207**
SAS label: **16: HX ARTHRITIS**
Question: **Q16: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH208**
SAS label: **16: CANCER**
Question: **Q16: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH209**
SAS label: **17: RELATIONSHIP CODE**
Question: **Q17: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH210**
SAS label: **17: BIRTH YEAR**
Question: **Q17: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH211**
SAS label: **17: VITAL STATUS**
Question: **Q17: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH212**
SAS label: **17: DEATH AGE**
Question: **Q17: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH213**
SAS label: **17: DEATH CAUSE**
Question: **Q17: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH214**
SAS label: **17: HX HEART ATTACK**
Question: **Q17: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH215**
SAS label: **17: HX HEART DISEASE**
Question: **Q17: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH216**
SAS label: **17: HX HIGH BLOOD PRESSURE**
Question: **Q17: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH217**
SAS label: **17: HX DIABETES**
Question: **Q17: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH218**
SAS label: **17: HX KIDNEY FAILURE**
Question: **Q17: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH219**
SAS label: **17: HX STROKE**
Question: **Q17: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH220**
SAS label: **17: HX ARTHRITIS**
Question: **Q17: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH221**
SAS label: **17: CANCER**
Question: **Q17: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH222**
SAS label: **18: RELATIONSHIP CODE**
Question: **Q18: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH223**
SAS label: **18: BIRTH YEAR**
Question: **Q18: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH224**
SAS label: **18: VITAL STATUS**
Question: **Q18: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH225**
SAS label: **18: DEATH AGE**
Question: **Q18: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH226**
SAS label: **18: DEATH CAUSE**
Question: **Q18: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH227**
SAS label: **18: HX HEART ATTACK**
Question: **Q18: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH228
SAS label: 18: HX HEART DISEASE
Question: Q18: History of heart disease
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH229
SAS label: 18: HX HIGH BLOOD PRESSURE
Question: Q18: History of high blood pressure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH230
SAS label: 18: HX DIABETES
Question: Q18: History of diabetes mellitus
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH231
SAS label: 18: HX KIDNEY FAILURE
Question: Q18: History of kidney failure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH232
SAS label: 18: HX STROKE
Question: Q18: History of stroke
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH233
SAS label: 18: HX ARTHRITIS
Question: Q18: History of arthritis
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH234**
SAS label: **18: CANCER**
Question: **Q18: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH235**
SAS label: **19: RELATIONSHIP CODE**
Question: **Q19: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: FH236
SAS label: 19: BIRTH YEAR
Question: Q19: Year of birth
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: FH237
SAS label: 19: VITAL STATUS
Question: Q19: Vital Status
Note: None

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: FH238
SAS label: 19: DEATH AGE
Question: Q19: Death Age
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH239**
SAS label: **19: DEATH CAUSE**
Question: **Q19: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH240**
SAS label: **19: HX HEART ATTACK**
Question: **Q19: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH241
SAS label: 19: HX HEART DISEASE
Question: Q19: History of heart disease
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH242
SAS label: 19: HX HIGH BLOOD PRESSURE
Question: Q19: History of high blood pressure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH243
SAS label: 19: HX DIABETES
Question: Q19: History of diabetes mellitus
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH244**
SAS label: **19: HX KIDNEY FAILURE**
Question: **Q19: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH245**
SAS label: **19: HX STROKE**
Question: **Q19: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH246**
SAS label: **19: HX ARTHRITIS**
Question: **Q19: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH247**
SAS label: **19: CANCER**
Question: **Q19: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH248**
SAS label: **20: RELATIONSHIP CODE**
Question: **Q20: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH249**
SAS label: **20: BIRTH YEAR**
Question: **Q20: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH250**
SAS label: **20: VITAL STATUS**
Question: **Q20: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH251**
SAS label: **20: DEATH AGE**
Question: **Q20: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH252**
SAS label: **20: DEATH CAUSE**
Question: **Q20: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH253**
SAS label: **20: HX HEART ATTACK**
Question: **Q20: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH254**
SAS label: **20: HX HEART DISEASE**
Question: **Q20: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH255**
SAS label: **20: HX HIGH BLOOD PRESSURE**
Question: **Q20: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH256**
SAS label: **20: HX DIABETES**
Question: **Q20: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH257
SAS label: 20: HX KIDNEY FAILURE
Question: Q21: History of kidney failure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH258
SAS label: 20: HX STROKE
Question: Q20: History of stroke
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH259
SAS label: 20: HX ARTHRITIS
Question: Q20: History of arthritis
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH260**
SAS label: **20: CANCER**
Question: **Q20: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH261**
SAS label: **21: RELATIONSHIP CODE**
Question: **Q21: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH262**
SAS label: **21: BIRTH YEAR**
Question: **Q21: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH263**
SAS label: **21: VITAL STATUS**
Question: **Q21: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH264**
SAS label: **21: DEATH AGE**
Question: **Q21: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH265**
SAS label: **21: DEATH CAUSE**
Question: **Q21: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH266**
SAS label: **21: HX HEART ATTACK**
Question: **Q21: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH267**
SAS label: **21: HX HEART DISEASE**
Question: **Q21: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH268**
SAS label: **21: HX HIGH BLOOD PRESSURE**
Question: **Q21: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH269**
SAS label: **21: HX DIABETES**
Question: **Q21: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH270**
SAS label: **21: HX KIDNEY FAILURE**
Question: **Q21: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH271**
SAS label: **21: HX STROKE**
Question: **Q21: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH272**
SAS label: **21: HX ARTHRITIS**
Question: **Q21: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH273**
SAS label: **21: CANCER**
Question: **Q21: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH274**
SAS label: **22: RELATIONSHIP CODE**
Question: **Q22: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH275**
SAS label: **22: BIRTH YEAR**
Question: **Q22: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH276**
SAS label: **22: VITAL STATUS**
Question: **Q22: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH277**
SAS label: **22: DEATH AGE**
Question: **Q22: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH278**
SAS label: **22: DEATH CAUSE**
Question: **Q22: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH279**
SAS label: **22: HX HEART ATTACK**
Question: **Q22: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH280**
SAS label: **22: HX HEART DISEASE**
Question: **Q22: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH281**
SAS label: **22: HX HIGH BLOOD PRESSURE**
Question: **Q22: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH282**
SAS label: **22: HX DIABETES**
Question: **Q22: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH283**
SAS label: **22: HX KIDNEY FAILURE**
Question: **Q22: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH284**
SAS label: **22: HX STROKE**
Question: **Q22: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH285**
SAS label: **22: HX ARTHRITIS**
Question: **Q22: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH286**
SAS label: **22: CANCER**
Question: **Q22: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH287**
SAS label: **23: RELATIONSHIP CODE**
Question: **Q23: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH288**
SAS label: **23: BIRTH YEAR**
Question: **Q23: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH289**
SAS label: **23: VITAL STATUS**
Question: **Q23: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH290**
SAS label: **23: DEATH AGE**
Question: **Q23: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH291**
SAS label: **23: DEATH CAUSE**
Question: **Q23: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH292**
SAS label: **23: HX HEART ATTACK**
Question: **Q23: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH293**
SAS label: **23: HX HEART DISEASE**
Question: **Q23: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH294**
SAS label: **23: HX HIGH BLOOD PRESSURE**
Question: **Q23: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH295**
SAS label: **23: HX DIABETES**
Question: **Q23: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH296**
SAS label: **23: HX KIDNEY FAILURE**
Question: **Q23: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH297**
SAS label: **23: HX STROKE**
Question: **Q23: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH298**
SAS label: **23: HX ARTHRITIS**
Question: **Q23: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH299**
SAS label: **23: CANCER**
Question: **Q23: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH300**
SAS label: **24: RELATIONSHIP CODE**
Question: **Q24: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH301**
SAS label: **24: BIRTH YEAR**
Question: **Q24: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH302**
SAS label: **24: VITAL STATUS**
Question: **Q24: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH303**
SAS label: **24: DEATH AGE**
Question: **Q24: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH304**
SAS label: **24: DEATH CAUSE**
Question: **Q24: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH305**
SAS label: **24: HX HEART ATTACK**
Question: **Q24: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH306**
SAS label: **24: HX HEART DISEASE**
Question: **Q24: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH307**
SAS label: **24: HX HIGH BLOOD PRESSURE**
Question: **Q24: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH308**
SAS label: **24: HX DIABETES**
Question: **Q24: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH309**
SAS label: **24: HX KIDNEY FAILURE**
Question: **Q24: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH310**
SAS label: **24: HX STROKE**
Question: **Q24: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH311**
SAS label: **24: HX ARTHRITIS**
Question: **Q24: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH312
SAS label: 24: CANCER
Question: Q24: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH313
SAS label: 25: RELATIONSHIP CODE
Question: Q25: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH314**
SAS label: **25: BIRTH YEAR**
Question: **Q25: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH315**
SAS label: **25: VITAL STATUS**
Question: **Q25: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH316**
SAS label: **25: DEATH AGE**
Question: **Q25: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH317**
SAS label: **25: DEATH CAUSE**
Question: **Q25: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH318**
SAS label: **25: HX HEART ATTACK**
Question: **Q25: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH319**
SAS label: **25: HX HEART DISEASE**
Question: **Q25: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH320**
SAS label: **25: HX HIGH BLOOD PRESSURE**
Question: **Q25: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH321**
SAS label: **25: HX DIABETES**
Question: **Q25: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH322**
SAS label: **25: HX KIDNEY FAILURE**
Question: **Q25: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH323**
SAS label: **25: HX STROKE**
Question: **Q25: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH324**
SAS label: **25: HX ARTHRITIS**
Question: **Q25: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH325
SAS label: 25: CANCER
Question: Q25: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH326
SAS label: 26: RELATIONSHIP CODE
Question: Q26: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH327**
SAS label: **26: BIRTH YEAR**
Question: **Q26: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH328**
SAS label: **26: VITAL STATUS**
Question: **Q26: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH329**
SAS label: **26: DEATH AGE**
Question: **Q26: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: FH330
SAS label: 26: DEATH CAUSE
Question: Q26: Death cause
Note: None

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: FH331
SAS label: 26: HX HEART ATTACK
Question: Q26: History of heart attack
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH332**
SAS label: **26: HX HEART DISEASE**
Question: **Q26: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH333**
SAS label: **26: HX HIGH BLOOD PRESSURE**
Question: **Q26: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH334**
SAS label: **26: HX DIABETES**
Question: **Q26: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH335
SAS label: 26: HX KIDNEY FAILURE
Question: Q26: History of kidney failure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH336
SAS label: 26: HX STROKE
Question: Q26: History of stroke
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH337
SAS label: 26: HX ARTHRITIS
Question: Q26: History of arthritis
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH338
SAS label: 26: CANCER
Question: Q26: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH339
SAS label: 27: RELATIONSHIP CODE
Question: Q27: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH340**
SAS label: **27: BIRTH YEAR**
Question: **Q27: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH341**
SAS label: **27: VITAL STATUS**
Question: **Q27: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH342**
SAS label: **27: DEATH AGE**
Question: **Q27: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH343**
SAS label: **27: DEATH CAUSE**
Question: **Q27: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH344**
SAS label: **27: HX HEART ATTACK**
Question: **Q27: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH345
SAS label: 27: HX HEART DISEASE
Question: Q27: History of heart disease
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH346
SAS label: 27: HX HIGH BLOOD PRESSURE
Question: Q27: History of high blood pressure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH347
SAS label: 27: HX DIABETES
Question: Q27: History of diabetes mellitus
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH348**
SAS label: **27: HX KIDNEY FAILURE**
Question: **Q27: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH349**
SAS label: **27: HX STROKE**
Question: **Q27: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH350**
SAS label: **27: HX ARTHRITIS**
Question: **Q27: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH351
SAS label: 27: CANCER
Question: Q27: History of cancer
Note: None

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: FH352
SAS label: 28: RELATIONSHIP CODE
Question: Q28: Relationship code
Note: None

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH353**
SAS label: **28: BIRTH YEAR**
Question: **Q28: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH354**
SAS label: **28: VITAL STATUS**
Question: **Q28: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH355**
SAS label: **28: DEATH AGE**
Question: **Q28: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH356**
SAS label: **28: DEATH CAUSE**
Question: **Q28: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH357**
SAS label: **28: HX HEART ATTACK**
Question: **Q28: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH358
SAS label: 28: HX HEART DISEASE
Question: Q28: History of heart disease
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH359
SAS label: 28: HX HIGH BLOOD PRESSURE
Question: Q28: History of high blood pressure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH360
SAS label: 28: HX DIABETES
Question: Q28: History of diabetes mellitus
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH361
SAS label: 28: HX KIDNEY FAILURE
Question: Q28: History of kidney failure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH362
SAS label: 28: HX STROKE
Question: Q28: History of stroke
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH363
SAS label: 28: HX ARTHRITIS
Question: Q28: History of arthritis
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH364**
SAS label: **28: CANCER**
Question: **Q28: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH365**
SAS label: **29: RELATIONSHIP CODE**
Question: **Q29: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: FH366
SAS label: 29: BIRTH YEAR
Question: Q29: Year of birth
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: FH367
SAS label: 29: VITAL STATUS
Question: Q29: Vital Status
Note: None

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: FH368
SAS label: 29: DEATH AGE
Question: Q29: Death Age
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: FH369
SAS label: 29: DEATH CAUSE
Question: Q29: Death cause
Note: None

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: FH370
SAS label: 29: HX HEART ATTACK
Question: Q29: History of heart attack
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH371
SAS label: 29: HX HEART DISEASE
Question: Q29: History of heart disease
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH372
SAS label: 29: HX HIGH BLOOD PRESSURE
Question: Q29: History of high blood pressure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH373
SAS label: 29: HX DIABETES
Question: Q29: History of diabetes mellitus
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH374**
SAS label: **29: HX KIDNEY FAILURE**
Question: **Q29: History of kidney failure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH375**
SAS label: **29: HX STROKE**
Question: **Q29: History of stroke**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH376**
SAS label: **29: HX ARTHRITIS**
Question: **Q29: History of arthritis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH377**
SAS label: **29: CANCER**
Question: **Q29: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **FH378**
SAS label: **30: RELATIONSHIP CODE**
Question: **Q30: Relationship code**
Note: **None**

Code or Value	Value description	Skip to item
1	Mother	
2	Father	
3	Sister	
4	Half-sister	
5	Brother	
6	Half-brother	
7	Daughter	
8	Son	
.	Missing	

Family History

Variable name: **FH379**
SAS label: **30: BIRTH YEAR**
Question: **Q30: Year of birth**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **FH380**
SAS label: **30: VITAL STATUS**
Question: **Q30: Vital Status**
Note: **None**

Code or Value	Value description	Skip to item
0	Alive	
1	Dead	
9	Unknown	
.	Missing	

Variable name: **FH381**
SAS label: **30: DEATH AGE**
Question: **Q30: Death Age**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Family History

Variable name: **FH382**
SAS label: **30: DEATH CAUSE**
Question: **Q30: Death cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Heart disease	
2	Cancer	
3	Stroke	
4	All accidents (including suicide, homicide, and injuries)	
5	Influenza and pneumonia	
6	Diabetes	
7	Liver disease (including cirrhosis)	
8	Kidney disease (including kidney failure, kidney dialysis)	
9	All others	
.	Missing	

Variable name: **FH383**
SAS label: **30: HX HEART ATTACK**
Question: **Q30: History of heart attack**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH384**
SAS label: **30: HX HEART DISEASE**
Question: **Q30: History of heart disease**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH385**
SAS label: **30: HX HIGH BLOOD PRESSURE**
Question: **Q30: History of high blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **FH386**
SAS label: **30: HX DIABETES**
Question: **Q30: History of diabetes mellitus**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: FH387
SAS label: 30: HX KIDNEY FAILURE
Question: Q30: History of kidney failure
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH388
SAS label: 30: HX STROKE
Question: Q30: History of stroke
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: FH389
SAS label: 30: HX ARTHRITIS
Question: Q30: History of arthritis
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Family History

Variable name: **FH390**
SAS label: **30: CANCER**
Question: **Q30: History of cancer**
Note: **None**

Code or Value	Value description	Skip to item
0	No cancer	
1	Lung cancer	
2	Colon/rectum cancer	
3	Breast cancer	
4	Prostatic cancer	
5	Cancer of female organs (uterus, ovary, cervical, vagina, vulva)	
6	Cancer of digestive system (esophagus, stomach, liver/pancreas, small intestine)	
7	Leukemias or lymphomas	
8	Gallbladder cancer	
9	All others and unknown primary	
.	Missing	

Variable name: **CENTER**
SAS label: **SHS SITE**
Question: **SHS Site**
Note: **None**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Medical History Form

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D. Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

CURRENT PRESCRIBED MEDICATION HISTORY

Variable name: **MED1**
SAS label: **MEDICATION 1: TAKING REGULARLY**
Question: **Q1a: Is he/she currently taking it regularly?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **MED2**
SAS label: **MEDICATION 1: CODE**
Question: **Q1a: Medication code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Medical History Form

Variable name: **MED3**
SAS label: **MEDICATION 2: TAKING REGULARLY**
Question: **Q1b: Is he/she currently taking it regularly?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **MED4**
SAS label: **MEDICATION 2: CODE**
Question: **Q1b: Medication code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: **MED5**
SAS label: **MEDICATION 3: TAKING REGULARLY**
Question: **Q1c: Is he/she currently taking it regularly?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Medical History Form

Variable name: **MED6**
SAS label: **MEDICATION 3: CODE**
Question: **Q1c: Medication code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: **MED7**
SAS label: **MEDICATION 4: TAKING REGULARLY**
Question: **Q1d: Is he/she currently taking it regularly?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **MED8**
SAS label: **MEDICATION 4: CODE**
Question: **Q1d: Medication code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Medical History Form

Variable name: MED9
SAS label: MEDICATION 5: TAKING REGULARLY
Question: Q1e: Is he/she currently taking it regularly?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: MED10
SAS label: MEDICATION 5: CODE
Question: Q1e: Medication code
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: MED11
SAS label: MEDICATION 6: TAKING REGULARLY
Question: Q1f: Is he/she currently taking it regularly?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Medical History Form

Variable name: **MED12**
SAS label: **MEDICATION 6: CODE**
Question: **Q1f: Medication code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: **MED13**
SAS label: **MEDICATION 7: TAKING REGULARLY**
Question: **Q1g: Is he/she currently taking it regularly?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **MED14**
SAS label: **MEDICATION 7: CODE**
Question: **Q1g: Medication code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Medical History Form

Variable name: **MED15**
SAS label: **MEDICATION 8: TAKING REGULARLY**
Question: **Q1h: Is he/she currently taking it regularly?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **MED16**
SAS label: **MEDICATION 8: CODE**
Question: **Q1h: Medication code**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: **MED17**
SAS label: **# ASPIRIN TABS LAST WEEK**
Question: **Q2a: How many aspirin tabs or aspirin-containing products have you taken in the last week?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Medical History Form

Variable name: **MED18**
SAS label: **# TEASPOONS ASPIRIN LAST WEEK**
Question: **Q2b: How many teaspoons of aspirin-containing products have you taken in the last week?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

MEDICAL CONDITIONS

Has any medical person EVER told you that you had any of the following conditions:

Variable name: **MED19**
SAS label: **HIGH BLOOD PRESSURE (HBP)**
Question: **Q3a: High blood pressure**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **MED20**
SAS label: **HBP AGE OF DIAGNOSIS**
Question: **Q3a: How old were you when you were first told by a medical person that you had high blood pressure?**
Note: **Indicate the actual age**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Medical History Form

Variable name: MED21
SAS label: RHEUMATIC HEART DISEASE
Question: Q3b: Rheumatic heart disease?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: MED22
SAS label: GALLSTONES
Question: Q3c: Gallstones?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: MED23
SAS label: ARTHRITIS
Question: Q3d: Arthritis?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Medical History Form

Variable name: **MED24**
SAS label: **CANCER**
Question: **Q3e: Cancer, including leukemia and lymphoma?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **MED25**
SAS label: **DIABETES (DM)**
Question: **Q3f: Diabetes?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
3	Borderline	
9	Unknown/unsure	
.	Missing	

Variable name: **MED26**
SAS label: **DO YOU STILL HAVE DM NOW**
Question: **Q3f: If yes or borderline, do you still have it now?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
3	Borderline	
9	Unknown/unsure	
.	Missing	

Medical History Form

Variable name: **MED27**
SAS label: **DM AGE OF DIAGNOSIS**
Question: **Q3f: How old were you when you were first told by a medical person that you had diabetes?**
Note: **Indicate actual age**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **MED28**
SAS label: **KIDNEY FAILURE**
Question: **Q3g: Kidney failure?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **MED29**
SAS label: **DO YOU STILL HAVE KIDNEY FAILURE**
Question: **Q3g: If yes, do you still have it now?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Medical History Form

Variable name: **MED30**
SAS label: **KIDNEY FAILURE AGE OF DIAGNOSIS**
Question: **Q3g: How old were you when you were first told by a medical person that you had kidney failure?**
Note: **Indicate actual age**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **MED31**
SAS label: **EMPHYSEMA**
Question: **Q3h: Emphysema?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **MED32**
SAS label: **CIRRHOSIS OF LIVER**
Question: **Q3i: Cirrhosis of the liver?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Medical History Form

Variable name: **MED33**
SAS label: **HAVE YOU HAD HEART SURGERY**
Question: **Q3j: Have you ever had heart surgery?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **MED34**
SAS label: **HEART FAILURE**
Question: **Q3k: Heart failure?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	9	
.	Missing	

Variable name: **MED35**
SAS label: **DO YOU STILL HAVE HEART FAILURE**
Question: **Q3k: If yes, do you still have it now?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Medical History Form

Variable name: **MED36**
SAS label: **HEART FAILURE AGE OF DIAGNOSIS**
Question: **Q3k: How old were you when you had your first heart failure?**
Note: **Indicate the actual age**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **MED37**
SAS label: **HEART ATTACK**
Question: **Q3l: Heart attack?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: **MED38**
SAS label: **HEART ATTACK AGE**
Question: **Q3l: If yes, how old were you when you had your first heart attack?**
Note: **Indicate the actual age**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Medical History Form

Variable name: MED39
SAS label: OTHER HEART TROUBLE
Question: Q3m: Any other heart trouble?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: MED40
SAS label: STROKE
Question: Q3n: Stroke?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: MED41
SAS label: STROKE AGE
Question: Q3n: How old were you when you had your first stroke?
Note: Indicate the actual age

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Medical History Form

Variable name: MED42
SAS label: RENAL DIALYSIS
Question: Q4a: Are you on renal dialysis?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Variable name: MED43
SAS label: KIDNEY TRANSPLANT
Question: Q4b: Have you ever received a kidney transplant?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

ACCESS TO MEDICAL CARE

Variable name: MED44
SAS label: # MILES FROM CLINIC
Question: Q5: How many miles do you live from the nearest clinic?
Note: Indicate how many miles. If less than one mile, record 1.

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Medical History Form

Variable name: **MED45**
SAS label: **# MILES FROM HOSPITAL**
Question: **Q6: How many miles do you live from the nearest hospital?**
Note: **Indicate how many miles. If less than one mile, record 1.**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **CENTER**
SAS label: **SHS SITE**
Question: **SHS Site**
Note: **None**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Reproduction and Hormone Use (Women Only)

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D. Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **REPRO1**
SAS label: **NUMBER OF PREGNANCY (GRAVITY)**
Question: **Q7: How many times have you been pregnant? Times pregnant (gravidity)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **REPRO2**
SAS label: **NUMBER OF LIVE BIRTHS (PARITY)**
Question: **Q7: How many times have you been pregnant? Number of live births (parity)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Reproduction and Hormone Use (Women Only)

Variable name: **REPRO3**
SAS label: **NUMBER OF LOST PREGNANCIES**
Question: **Q7: How many times have you been pregnant? Number of lost pregnancies**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **REPRO4**
SAS label: **NUMBER OF LIVING CHILDREN**
Question: **Q7: How many times have you been pregnant? Number of living children**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **REPRO5**
SAS label: **STOPPED MENSTRUATING**
Question: **Q8: Have your menstrual cycles stopped permanently?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q11 (REPRO9)
.	Missing	

Reproduction and Hormone Use (Women Only)

Variable name: **REPRO6**
SAS label: **AGE AT MENOPAUSE**
Question: **Q9: How old were you when they stopped completely?**
Note: **Indicate the age in years**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **REPRO7**
SAS label: **MENOPAUSE NATURAL OR SURGERY**
Question: **Q10: Was your menopause natural or surgical?**
Note: **None**

Code or Value	Value description	Skip to item
1	Natural	
2	Surgical	
.	Missing	

Variable name: **REPRO8**
SAS label: **UTERUS REMOVED**
Question: **Q10: If surgical, was only your uterus removed?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
9	Unknown	
.	Missing	

Reproduction and Hormone Use (Women Only)

Variable name: **REPRO9**
SAS label: **USED BIRTH CONTROL PILLS**
Question: **Q11: Have you ever used birth control pills?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **REPRO10**
SAS label: **AGE STARTED TO USE BIRTH CONTROL PILLS**
Question: **Q12: How old were you when you started?**
Note: **Indicate the age in years**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **REPRO11**
SAS label: **YEARS USED BIRTH CONTROL PILLS**
Question: **Q13: How many years altogether did you use them?**
Note: **Specify duration in years**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Reproduction and Hormone Use (Women Only)

Variable name: **REPRO12**
SAS label: **USED ESTROGEN**
Question: **Q14: Have you even taken estrogen pills, except birth control pills, for any reason?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to ROSE QUESTIONNAIRE
.	Missing	

Variable name: **REPRO13**
SAS label: **AGE STARTED ESTROGEN**
Question: **Q15: How old were you when you started using them?**
Note: **Indicate the age in years**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **REPRO14**
SAS label: **YEARS USED ESTROGEN**
Question: **Q16: How many years altogether did you use them?**
Note: **Specify the duration in years**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Reproduction and Hormone Use (Women Only)

Variable name: **CENTER**
SAS label: **SHS SITE**
Question: **SHS Site**
Note: **None**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D. Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

CHEST PAIN ON EFFORT

Variable name: **ROSE1**
SAS label: **PAIN/DISCOMFORT IN CHEST**
Question: **Q1: Have you ever had any pain or discomfort in your chest?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q10 (ROSE10)
.	Missing	

Variable name: **ROSE2**
SAS label: **CHEST PAIN WALKING UPHILL**
Question: **Q2: Do you get it when you walk uphill, upstairs or hurry?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q9 (ROSE9)
3	Never hurries or walks uphill or upstairs	
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name:	ROSE3
SAS label:	**CHEST PAIN WALKING ORDINARY**
Question:	**Q3: Do you get it when you walk at an ordinary pace on the level?**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name:	ROSE4
SAS label:	**RESPONSE TO CHEST PAIN WHEN WALKING**
Question:	**Q4: What do you do if you get it while you are walking?**
Note:	**Record stop or slow down if subjects carries on after taking nitroglycerine.**

Code or Value	Value description	Skip to item
1	Stop or slow down	
2	Carry on	Skip to Q9 (ROSE9)
.	Missing	

Variable name:	ROSE5
SAS label:	**CHEST PAIN STANDING STILL**
Question:	**Q5: If you stand still, what happens to it?**
Note:	**None**

Code or Value	Value description	Skip to item
1	Relieved	
2	Not relieved	Skip to Q9 (ROSE9)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: **ROSE6**
SAS label: **TIME TO CHEST PAIN RELIEF**
Question: **Q6: How soon?**
Note: **None**

Code or Value	Value description	Skip to item
1	10 minutes or less	
2	More than 10 minutes	Skip to Q9 (ROSE9)
.	Missing	

Variable name: **ROSE7A**
SAS label: **CHEST PAIN: STERNUM (UPPER OR MIDDLE)**
Question: **Q7a: Will you show me where it was? Sternum (upper or middle)**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **ROSE7B**
SAS label: **CHEST PAIN: STERNUM (LOWER)**
Question: **Q7b: Will you show me where it was? Sternum (lower)**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name:	**ROSE7C**
SAS label:	**CHEST PAIN: LEFT ANTERIOR CHEST**
Question:	**Q7c: Will you show me where it was? Left anterior chest**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name:	**ROSE7D**
SAS label:	**CHEST PAIN: LEFT ARM**
Question:	**Q7d: Will you show me where it was? Left arm**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name:	**ROSE7E**
SAS label:	**CHEST PAIN: OTHER**
Question:	**Q7e: Will you show me where it was? Other**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name:	ROSE8
SAS label:	OTHER CHEST PAIN LOCATION
Question:	Q8: Do you feel it anywhere else?
Note:	None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

POSSIBLE INFARCTION

Variable name:	ROSE9
SAS label:	FRONT CHEST PAIN >=30 MIN
Question:	Q9: Have you ever had a severe pain across the front of your chest lasting for half an hour or more?
Note:	None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

INTERMITTENT CLAUDICATION

Variable name:	ROSE10
SAS label:	LEG PAIN WALKING
Question:	Q10: Do you get pain in either leg on walking?
Note:	None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q19 (CODE)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name:	**ROSE11**
SAS label:	**LEG PAIN WHEN STILL**
Question:	**Q11: Does this pain ever begin when you are standing still or sitting?**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	Skip to Q19 (CODE)
2	No	
.	Missing	

Variable name:	**ROSE12**
SAS label:	**LEG PAIN LOCATION**
Question:	**Q12: In what part of your leg did you feel it?**
Note:	**None**

Code or Value	Value description	Skip to item
1	Pain includes calf/calves	
2	Pain does not include calf/calves	Skip to Q19 (CODE)
.	Missing	

Variable name:	**ROSE13**
SAS label:	**LEG PAIN WALKING UPHILL**
Question:	**Q13: Do you get it if you walk uphill or hurry?**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q19 (CODE)
3	Never hurries or walks uphill or upstairs	
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: **ROSE14**
SAS label: **LEG PAIN WALKING ORDINARY**
Question: **Q14: Do you get it if you walk at an ordinary pace on the level?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **ROSE15**
SAS label: **LEG PAIN RELIEVED WHEN WALKING**
Question: **Q15: Does the pain ever disappear while you are walking?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	Skip to Q19 (CODE)
2	No	
.	Missing	

Variable name: **ROSE16**
SAS label: **RESPONSE TO LEG PAIN WHEN WALKING**
Question: **Q16: What do you do if you get it when you are walking?**
Note: **None**

Code or Value	Value description	Skip to item
1	Stop or slow down	
2	Carry on	Skip to Q19 (CODE)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: **ROSE17**
SAS label: **LEG PAIN STANDING STILL**
Question: **Q17: What happens to it if you stand still?**
Note: **None**

Code or Value	Value description	Skip to item
1	Relieved	
2	Not relieved	
.	Missing	

Variable name: **ROSE18**
SAS label: **TIME TO LEG PAIN RELIEF**
Question: **Q18: How soon?**
Note: **None**

Code or Value	Value description	Skip to item
1	10 minutes or less	
2	More than 10 minutes	
.	Missing	

ADMINISTRATIVE INFORMATION

Variable name: **CODE**
SAS label: **INTERVIEWER'S CODE**
Question: **Q19: Code number of the person complete this form**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: **DOC**
SAS label: **INTERVIEW DATE**
Question: **Q20: Date of data collection**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **CENTER**
SAS label: **SHS SITE**
Question: **SHSSite**
Note: **None**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Physical Examination

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D. Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM01**
SAS label: **BLOOD SAMPLE TAKEN**
Question: **Is blood sample taken?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No, participant is on renal dialysis	
3	No, participant has had a kidney transplant	
4	Participant refused	
5	Other, specify	
.	Missing	

Variable name: **EXAM02**
SAS label: **FASTING ACCUCHEK GLUCOSE DONE**
Question: **Fasting Accuchek, glucose, if done.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Examination

BASIC MEASUREMENTS

Variable name: **EXAM03**
SAS label: **HEIGHT STANDING (CM)**
Question: **Q1: Height in centimeters**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM04**
SAS label: **WEIGHT (KG)**
Question: **Q2: Weight in kilograms**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

TOBACCO AND CAFFEINE USE

Variable name: **EXAM05**
SAS label: **TOBACCO IN LAST 4 HOURS**
Question: **Q3: Have you smoked or used chewing tobacco or snuff within the last 4 hours?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q5 (EXAM08)
.	Missing	

Physical Examination

Variable name: **EXAM06**
SAS label: **LAST USE IN TOBACCO (HRS)**
Question: **Q4: How long ago did you last smoke or last use chewing tobacco or snuff? Specify lag in hours**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM07**
SAS label: **LAST USE IN TOBACCO (MIN)**
Question: **Q4: How long ago did you last smoke or last use chewing tobacco or snuff? If less than an hour, specify minutes**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM08**
SAS label: **CAFFEINE IN LAST 4 HRS**
Question: **Q5: Have you had any coffee, tea, caffeinated soft drink or chocolate within the last 4 hours?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM09**
SAS label: **LAST USE IN CAFFEINE (HRS)**
Question: **Q6: How long ago did you last have any coffee, tea, or chocolate? Specify the lag in hours**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM10**
SAS label: **LAST USE IN CAFFEINE (MIN)**
Question: **Q6: How long ago did you last have any coffee, tea, or chocolate? If less than an hour, specify the minutes**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

PRELIMINARY MEASUREMENTS

Variable name: **EXAM11**
SAS label: **RIGHT ARM CIRCUMFERENCE (CM)**
Question: **Q7: Right arm circumference, measured in centimeters (cm)**
Note: **Midway between acromium and olecranon**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Examination

Variable name: **EXAM12**
SAS label: **CUFF SIZE**
Question: **Q8: Cuff size (arm circumference in brackets)**
Note: **None**

Code or Value	Value description	Skip to item
1	Pediatric (under 24cm)	
2	Regular arm (24-32cm)	
3	Large arm (33-41cm)	
4	Thigh (>41cm)	
.	Missing	

Variable name: **EXAM13**
SAS label: **HIP CIRCUMFERENCE STANDING (CM)**
Question: **Q9: Hip circumference, measured in centimeters (cm)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

EXAMINATION OF THE CHEST

Variable name: **EXAM14**
SAS label: **RIGHT POSTERIOR LUNG: APEX**
Question: **Q10a: Right posterior lung apex**
Note: **None**

Code or Value	Value description	Skip to item
1	Clear	
2	Rales	
3	Rhonchi	
4	Both	
.	Missing	

Physical Examination

Variable name: **EXAM15**
SAS label: **RIGHT POSTERIOR LUNG: MID**
Question: **Q10a: Right posterior lung mid**
Note: **None**

Code or Value	Value description	Skip to item
1	Clear	
2	Rales	
3	Rhonchi	
4	Both	
.	Missing	

Variable name: **EXAM16**
SAS label: **RIGHT POSTERIOR LUNG: LOWER**
Question: **Q10a: Right posterior lung lower**
Note: **None**

Code or Value	Value description	Skip to item
1	Clear	
2	Rales	
3	Rhonchi	
4	Both	
.	Missing	

Physical Examination

Variable name: **EXAM17**
SAS label: **LEFT POSTERIOR LUNG: APEX**
Question: **Q10b: Left posterior lung apex**
Note: **None**

Code or Value	Value description	Skip to item
1	Clear	
2	Rales	
3	Rhonchi	
4	Both	
.	Missing	

Variable name: **EXAM18**
SAS label: **LEFT POSTERIOR LUNG: MID**
Question: **Q10b: Left posterior lung mid**
Note: **None**

Code or Value	Value description	Skip to item
1	Clear	
2	Rales	
3	Rhonchi	
4	Both	
.	Missing	

Physical Examination

Variable name: **EXAM19**
SAS label: **LEFT POSTERIOR LUNG: LOWER**
Question: **Q10b: Left posterior lung lower**
Note: **None**

Code or Value	Value description	Skip to item
1	Clear	
2	Rales	
3	Rhonchi	
4	Both	
.	Missing	

EXAMINATION OF NECK VEINS

Variable name: **EXAM20**
SAS label: **LEFT: NECK VEINS**
Question: **Q11a: Left**
Note: **None**

Code or Value	Value description	Skip to item
1	Distended	
2	Flat	
.	Missing	

Variable name: **EXAM21**
SAS label: **RIGHT: NECK VEINS**
Question: **Q11b: Right**
Note: **None**

Code or Value	Value description	Skip to item
1	Distended	
2	Flat	
.	Missing	

Physical Examination

SITTING BLOOD PRESSURE

Variable name: **EXAM22**
SAS label: **RECORDER ID FOR BP MEASUREMENT**
Question: **Q12: Recorder ID**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: **EXAM23**
SAS label: **TIME FOR BP MEASUREMENT**
Question: **Q13: Time of day**
Note: **Please use military time, hour:minute**

Code or Value	Value Description	Skip to item
Date value in TIME5.	Range of values	

Variable name: **EXAM24**
SAS label: **PULSE OBLITERATION PRESSURE**
Question: **Q14: Pulse obliteration pressure**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Examination

Variable name: **EXAM25**
SAS label: **SYSTOLIC: 1ST BP**
Question: **Q15: First blood pressure measurement – systolic, phase I – first sound**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM26**
SAS label: **DIASTOLIC: 1ST BP**
Question: **Q16: First blood pressure measurement – diastolic, phase V – first silence in a series of at least two silences**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM27**
SAS label: **SYSTOLIC: 2ND BP**
Question: **Q17: Second blood pressure measurement – systolic, phase I – first sound**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Examination

Variable name: **EXAM28**
SAS label: **DIASTOLIC: 2ND BP**
Question: **Q18: Second blood pressure measurement – diastolic, phase V –**
                       first silence in a series of at least two silences
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM29**
SAS label: **SYSTOLIC: 3RD BP**
Question: **Q19: Third blood pressure measurement – systolic, phase I – first**
                       sound
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM30**
SAS label: **DIASTOLIC: 3RD BP**
Question: **Q20: Third blood pressure measurement – diastolic, phase V –**
                       first silence in a series of at least two silences
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Examination

Variable name: **EXAM31**
SAS label: **BP NOT FROM RIGHT ARM**
Question: **Q21: Were the above blood pressures taken from LEFT arm because of missing right arm or some other reason?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

EXAMINATION OF EXTREMITIES

Variable name: **EXAM32**
SAS label: **EXTREMITIES MISSING**
Question: **Q22: Are any extremities missing?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q33 (EXAM51)
.	Missing	

Variable name: **EXAM33**
SAS label: **RIGHT ARM: MISSING**
Question: **Q23: Right arm**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM34**
SAS label: **RIGHT ARM: CAUSE**
Question: **Q23: If yes, cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Variable name: **EXAM35**
SAS label: **RIGHT HAND: MISSING**
Question: **Q24: Right hand**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM36**
SAS label: **RIGHT HAND: CAUSE**
Question: **Q24: If yes, cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Variable name: **EXAM37**
SAS label: **LEFT ARM: MISSING**
Question: **Q25: Left arm**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: EXAM38
SAS label: LEFT ARM: CAUSE
Question: Q25: If yes, cause
Note: None

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Variable name: EXAM39
SAS label: LEFT HAND: MISSING
Question: Q26: Left hand
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM40**
SAS label: **LEFT HAND: CAUSE**
Question: **Q26: If yes, cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Variable name: **EXAM41**
SAS label: **RIGHT LEG ABOVE KNEE: MISSING**
Question: **Q27: Right leg above knee**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM42**
SAS label: **RIGHT LEG ABOVE KNEE: CAUSE**
Question: **Q27: If yes, cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Variable name: **EXAM43**
SAS label: **LEFT LEG ABOVE KNEE: MISSING**
Question: **Q28: Left leg above knee**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM44**
SAS label: **LEFT LEG ABOVE KNEE: CAUSE**
Question: **Q28: If yes, cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Variable name: **EXAM45**
SAS label: **RIGHT LEG BELOW KNEE: MISSING**
Question: **Q29: Right leg below knee**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM46**
SAS label: **RIGHT LEG BELOW KNEE: CAUSE**
Question: **Q29: If yes, cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Variable name: **EXAM47**
SAS label: **LEFT LEG BELOW KNEE: MISSING**
Question: **Q30: Left leg below knee**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM48**
SAS label: **LEFT LEG BELOW KNEE: CAUSE**
Question: **Q30: If yes, cause**
Note: **None**

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Variable name: **EXAM49**
SAS label: **MISSING FINGER(S): HOW MANY**
Question: **Q31: Number of fingers missing**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM50**
SAS label: **MISSING TOES(S): HOW MANY**
Question: **Q32: Number of toes missing**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Examination

SUPINE MEASUREMENTS

Variable name: **EXAM51**
SAS label: **WAIST SUPINE (CM)**
Question: **Q33: Waist measurement at umbilicus, in centimeters (cm)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM52**
SAS label: **ECG PERFORMED**
Question: **Q34: Electrocardiogram Reading**
Note: **Preliminary reading**

Code or Value	Value description	Skip to item
1	Normal	
2	Abnormal	
3	Borderline	
4	Unclassified	
.	Missing	

Variable name: **EXAM53**
SAS label: **RESISTANCE**
Question: **Q35a: Impedance measurement - resistance**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Examination

Variable name: **EXAM54**
SAS label: **REACTANCE**
Question: **Q35b: Impedance measurement – reactance**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM55**
SAS label: **ACTIVITY LEVEL**
Question: **Q35c: Impedance measurement – activity level**
Note: **None**

Code or Value	Value description	Skip to item
1	Inactive	
2	Light	
3	Moderate	
4	Heavy	
5	Vigorous	
.	Missing	

Variable name: **EXAM56**
SAS label: **IMPEDANCE TAKEN ON LEFT SIDE**
Question: **Q45d: Impedance measurement – taken on left side because of amputation**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: EXAM57
SAS label: IMPEDANCE TAKEN
Question: Q45e: Impedance measurement – not taken because of amputation
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

PULSE AND BRUIT

Variable name: EXAM58
SAS label: RIGHT POSTERIOR TIBIAL PULSE
Question: Q36: Right posterior tibial pulse
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
.	Missing	

Variable name: EXAM59
SAS label: RIGHT DORSALIS PEDIS PULSE
Question: Q37: Right dorsalis pedis pulse
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
.	Missing	

Physical Examination

Variable name: EXAM60
SAS label: LEFT POSTERIOR TIBIAL PULSE
Question: Q38: Left posterior tibial pulse
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
.	Missing	

Variable name: EXAM61
SAS label: LEFT DORSALIS PEDIS PULSE
Question: Q39: Left dorsalis pedis pulse
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
.	Missing	

Variable name: EXAM62
SAS label: RIGHT: FEMORAL BRUIT
Question: Q40: Right femoral bruit
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
.	Missing	

Physical Examination

Variable name: **EXAM63**
SAS label: **LEFT: FEMORAL BRUIT**
Question: **Q41: Left femoral bruit**
Note:

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
.	Missing	

Variable name: **EXAM64**
SAS label: **RIGHT: CAROTID BRUIT**
Question: **Q42: Right carotid bruit**
Note: **None**

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
.	Missing	

Variable name: **EXAM65**
SAS label: **LEFT: CAROTID BRUIT**
Question: **Q43: Left carotid bruit**
Note: **None**

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
.	Missing	

Physical Examination

DOPPLER BLOOD PRESSURE AND EDEMA

Variable name: **EXAM66**
SAS label: **RIGHT ANKLE: 1ST DOPPLER BP**
Question: **Q44a: Right ankle Doppler blood pressure – first systolic BP measurement**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM68**
SAS label: **RIGHT ANKLE: 2ND DOPPLER BP**
Question: **Q44b: Right ankle Doppler blood pressure – second systolic BP measurement**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM69**
SAS label: **RIGHT ANKLE DOPPLER LOCATION**
Question: **Q44b: Right ankle Doppler blood pressure – second systolic BP measurement location**
Note: **None**

Code or Value	Value description	Skip to item
1	Posterior tibial	
2	Dorsalis pedis	
.	Missing	

Physical Examination

Variable name: **EXAM70**
SAS label: **LEFT ANKLE: 1ST DOPPLER BP**
Question: **Q45a: Left ankle Doppler blood pressure – first systolic BP measurement**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM72**
SAS label: **LEFT ANKLE: 2ND DOPPLER BP**
Question: **Q45b: Left ankle Doppler blood pressure – second systolic BP measurement**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM73**
SAS label: **LEFT ANKLE DOPPLER LOCATION**
Question: **Q45b: Left ankle Doppler blood pressure – second systolic BP measurement location**
Note: **None**

Code or Value	Value description	Skip to item
1	Posterior tibial	
2	Dorsalis pedis	
.	.	

Physical Examination

Variable name: **EXAM74**
SAS label: **RIGHT ARM: 1ST DOPPLER BP**
Question: **Q46a: Right arm Doppler blood pressure – first systolic BP measurement**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM75**
SAS label: **RIGHT ARM: 2ND DOPPLER BP**
Question: **Q46b: Right arm Doppler blood pressure – second systolic BP measurement**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **EXAM76**
SAS label: **PEDAL EDEMA**
Question: **Q47: Pedal edema**
Note: **None**

Code or Value	Value description	Skip to item
1	Absent	
2	Mild	
3	Marked	
.	Missing	

Physical Examination

HEART EXAM

Variable name: EXAM77
SAS label: S3 GALLOP
Question: Q48: Presence of S_3 gallop
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: EXAM78
SAS label: MURMUR
Question: Q49: Is there a murmur present?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q54 (EXAM96)
.	Missing	

Variable name: EXAM79
SAS label: EJECTION MURMUR
Question: Q50: Is ejection murmur present?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM80**
SAS label: **MURMUR DESCRIPTION**
Question: **Q51: If yes to question 50, describe murmur**
Note: **None**

Code or Value	Value description	Skip to item
0	No murmur	
1	Barely audible	
2	Easily audible	
3	Intermediate	
4	Intermediate-palpable thrill	
5	Louder but requires stethoscope to hear	
6	Heard with stethoscope off chest	
.	Missing	

Variable name: **EXAM81**
SAS label: **MURMUR TYPE: HOLOSYSTOLIC**
Question: **Q52: Other type of murmur: holosystolic**
Note: **Check all that apply**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: EXAM82
SAS label: MURMUR TYPE: DIASTOLIC RUMBLE
Question: Q52: Other type of murmur: diastolic rumble
Note: Check all that apply

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: EXAM83
SAS label: MURMUR TYPE: DIASTOLIC REGURGITATION
Question: Q52: Other type of murmur: diastolic regurgitation
Note: Check all that apply

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: EXAM84
SAS label: MURMUR LOCATION: APEX HOLOSYSTOLIC
Question: Q53a: Murmur location: Apex holosystolic
Note: Check all that apply

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM85**
SAS label: **MURMUR LOCATION: APEX DIASTOLIC RUMBLE**
Question: **Q53a: Murmur location: Apex diastolic rumble**
Note: **Check all that apply**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **EXAM86**
SAS label: **MURMUR LOCATION: APEX DIASTOLIC REGURGITATION**
Question: **Q53a: Murmur location: Apex diastolic regurgitation**
Note: **Check all that apply**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **EXAM87**
SAS label: **MURMUR LOCATION: LEFT 5 ICS HOLOSYSTOLIC**
Question: **Q53b: Murmur location: Left sternum 5th ICS holosystolic**
Note: **Check all that apply**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: **EXAM88**
SAS label: **MURMUR LOCATION: LEFT 5 ICS DIASTOLIC RUMBLE**
Question: **Q53b: Murmur location: Left sternum 5th ICS diastolic rumble**
Note: **Check all that apply**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **EXAM89**
SAS label: **MURMUR LOCATION: LEFT 5 ICS DIASTOLIC REGURGITATION**
Question: **Q53b: Murmur location: Left sternum 5th ICS diastolic regurgitation**
Note: **Check all that apply**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **EXAM90**
SAS label: **MURMUR LOCATION: LEFT 2 ICS HOLOSYSTOLIC**
Question: **Q53c: Murmur location: Left sternum 2ND ICS holosystolic**
Note: **Check all that apply**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: EXAM91
SAS label: MURMUR LOCATION: LEFT 2 ICS DIASTOLIC RUMBLE
Question: Q53c: Murmur location: Left sternum 2ND ICS diastolic rumble
Note: Check all that apply

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: EXAM92
SAS label: MURMUR LOCATION: LEFT 2 ICS DIASTOLIC REGURGITATION
Question: Q53c: Murmur location: Left sternum 2ND ICS diastolic regurgitation
Note: Check all that apply

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: EXAM93
SAS label: MURMUR LOCATION: RIGHT 2 ICS HOLOSYSTOLIC
Question: Q53d: Murmur location: Right sternum 2ND ICS holosystolic
Note: Check all that apply

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

Variable name: EXAM94
SAS label: MURMUR LOCATION:: RIGHT 2 ICS DIASTOLIC RUMBLE
Question: Q53d: Murmur location: Right sternum 2ND ICS diastolic rumble
Note: Check all that apply

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: EXAM95
SAS label: MURMUR LOCATION: RIGHT 2 ICS DIASTOLIC REGURGITATION
Question: Q53d: Murmur location: Right sternum 2ND ICS diastolic regurgitation
Note: Check all that apply

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: EXAM96
SAS label: CHEST SURGERY
Question: Q54: Evidence of chest surgery or chest deformity
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Examination

ADMINISTRATIVE INFORMATION

Variable name: **CODE**
SAS label: **INTERVIEW CODE**
Question: **Q55: Code number of person completing this form**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **DOC**
SAS label: **DATE OF DATA COLLECTION**
Question: **Q56: Date of data collection**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **CENTER**
SAS label: **SHS SITE**
Question: **SHS Site**
Note: **None**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Nutritional Data

Variable name: **IDNO**
SAS label: **SHS ID**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1DATE**
SAS label: **SHS1 DIETARY RECORD DATE**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **S1KCAL**
SAS label: **SHS1 DIETARY ENERGY (kcal)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1TOTALFAT**
SAS label: **SHS1 DIETARY TOTAL FAT (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1CARB**
SAS label: **SHS1 DIETARY TOTAL CARBOHYDRATE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PROTEIN**
SAS label: **SHS1 DIETARY PROTEIN (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ANIMPROT**
SAS label: **SHS1 DIETARY ANIMAL PROTEIN (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1VEGPROT**
SAS label: **SHS1 DIETARY VEGETABLE PROTEIN (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1ALCOHOL**
SAS label: **SHS1 DIETARY ALCOHOL (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1CHOLEST**
SAS label: **SHS1 DIETARY CHOLESTEROL (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1TSFA**
SAS label: **SHS1 TOTAL SATURATED FATTY ACID (SFA) (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1TMFA**
SAS label: **SHS1 TOTAL MONOUNSATURATED FATTY ACID (MUFA) (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1TPFA**
SAS label: **SHS1 TOTAL POLYUNSATURATED FATTY ACID (PUFA) (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1FRUCTOSE**
SAS label: **SHS1 DIETARY FRUCTOSE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1GALACTOSE**
SAS label: **SHS1 DIETARY GALACTOSE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1GLUCOSE**
SAS label: **SHS1 DIETARY GLUCOSE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1LACTOSE**
SAS label: **SHS1 DIETARY LACTOSE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SUCROSE**
SAS label: **SHS1 DIETARY SUCROSE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1STARCH**
SAS label: **SHS1 DIETARY STARCH (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1FIBER**
SAS label: **SHS1 TOTAL DIETARY FIBER (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1SOLUFIB**
SAS label: **SHS1 WATER SOLUBLE DIETARY FIBER (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1INSFIBER**
SAS label: **SHS1 INSOLUBLE DIETARY FIBER (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PECTINS**
SAS label: **SHS1 DIETARY PECTINS (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1VITAA**
SAS label: **SHS1 DIETARY TOTAL VITAMIN A (mcg RE)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1RETINOL**
SAS label: **SHS1 DIETARY RETINOL (mcg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1VITAD**
SAS label: **SHS1 DIETARY VITAMIN D (mcg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1VITAE**
SAS label: **SHS1 TOTAL VITAMIN E ACTIVITY (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ALPHATOC**
SAS label: **SHS1 DIETARY ALPHA-TOCOPHEROL (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1BETATOC**
SAS label: **SHS1 DIETARY BETA-TOCOPHEROL (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1GAMMATOC**
SAS label: **SHS1 DIETARY GAMMA-TOCOPHEROL (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1DELTATOC**
SAS label: **SHS1 DIETARY DELTA-TOCOPHEROL (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1VITAC**
SAS label: **SHS1 DIETARY VITAMIN C (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1THIAMIN**
SAS label: **SHS1 DIETARY THIAMIN (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1RIBOFLAV**
SAS label: **SHS1 DIETARY RIBOFLAVIN (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1NIACIN**
SAS label: **SHS1 DIETARY NIACIN (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PANTOTHE**
SAS label: **SHS1 DIETARY PANTOTHENIC ACID (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1B6**
SAS label: **SHS1 DIETARY VITAMIN B6 (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1FOL**
SAS label: **SHS1 DIETARY FOLACIN (mcg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1B12**
SAS label: **SHS1 DIETARY VITAMIN B12 (mcg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1CALCIUM**
SAS label: **SHS1 DIETARY CALCIUM (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1PHOSPH**
SAS label: **SHS1 DIETARY PHOSPHOROUS (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1MAGNESIUM**
SAS label: **SHS1 DIETARY MAGNESIUM (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1IRON**
SAS label: **SHS1 DIETARY IRON (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ZINC**
SAS label: **SHS1 DIETARY ZINC (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1COPPER**
SAS label: **SHS1 DIETARY COPPER (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SELENIUM**
SAS label: **SHS1 DIETARY SELENIUM (mcg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SODIUM**
SAS label: **SHS1 DIETARY SODIUM (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1POTASSIUM**
SAS label: **SHS1 DIETARY POTASSIUM (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1SFA4**
SAS label: **SHS1 DIETARY SFA - BUTYRIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SFA6**
SAS label: **SHS1 DIETARY SFA - CAPROIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SFA8**
SAS label: **SHS1 DIETARY SFA - CAPRYLIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SFA10**
SAS label: **SHS1 DIETARY SFA - CAPRIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1SFA12**
SAS label: **SHS1 DIETARY SFA - LAURIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SFA14**
SAS label: **SHS1 DIETARY SFA - MYRISTIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SFA16**
SAS label: **SHS1 DIETARY SFA - PALMITIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SFA17**
SAS label: **SHS1 DIETARY SFA - MARGARIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1SFA18**
SAS label: **SHS1 DIETARY SFA - STEARIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SFA20**
SAS label: **SHS1 DIETARY SFA - ARACHIDIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SFA22**
SAS label: **SHS1 DIETARY SFA - BEHENIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1MFA141**
SAS label: **SHS1 DIETARY MUFA - MYRISTOLEIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1MFA161**
SAS label: **SHS1 DIETARY MUFA - PALMITOLEIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1MFA181**
SAS label: **SHS1 DIETARY MUFA - OLEIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1MFA201**
SAS label: **SHS1 DIETARY MUFA - GADOLEIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1MFA221**
SAS label: **SHS1 DIETARY MUFA - ERUCIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1PFA182**
SAS label: **SHS1 PUFA - LINOLEIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PFA183**
SAS label: **SHS1 PUFA - LINOLENIC ACID (w-3) (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PFA184**
SAS label: **SHS1 PUFA - PARINARIC ACID (w-3) (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PFA204**
SAS label: **SHS1 PUFA - ARACHIDONIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1PFA205**
SAS label: **SHS1 PUFA - EICOSAPENTAENOIC ACID(w-3)(gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PFA225**
SAS label: **SHS1 PUFA - DOCOSAPENTAENOIC ACID(w-3)(gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PFA226**
SAS label: **SHS1 PUFA - DOCOSAHEXAENOIC ACID(w-3)(gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PFA_SFA**
SAS label: **SHS1 TOTAL PUFA TO TOTAL SFA RATIO**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1CHOL_SFA**
SAS label: **SHS1 CHOLESTEROL TO SFA INDEX**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1TRYPTOPH**
SAS label: **SHS1 DIETARY TRYPTOPHAN (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1THREONINE**
SAS label: **SHS1 DIETARY THREONINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ISOLEUCINE**
SAS label: **SHS1 DIETARY ISOLEUCINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: S1LEUCINE
SAS label: SHS1 DIETARY LEUCINE (gm)
Note: Nutrient data generated from food diary

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S1LYSINE
SAS label: SHS1 DIETARY LYSINE (gm)
Note: Nutrient data generated from food diary

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S1METHIONINE
SAS label: SHS1 DIETARY METHIONINE (gm)
Note: Nutrient data generated from food diary

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S1CYSTINE
SAS label: SHS1 DIETARY CYSTINE (gm)
Note: Nutrient data generated from food diary

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1PHENYLA**
SAS label: **SHS1 DIETARY PHENYLALANINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1TYROSINE**
SAS label: **SHS1 DIETARY TYROSINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1VALINE**
SAS label: **SHS1 DIETARY VALINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ARGININE**
SAS label: **SHS1 DIETARY ARGININE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1HISTIDINE**
SAS label: **SHS1 DIETARY HISTIDINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ALANINE**
SAS label: **SHS1 DIETARY ALANINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ASPARTIC**
SAS label: **SHS1 DIETARY ASPARTIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1GLUTAMIC**
SAS label: **SHS1 DIETARY GLUTAMMIC ACID (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1GLYCINE**
SAS label: **SHS1 DIETARY GLYCINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PROLINE**
SAS label: **SHS1 DIETARY PROLINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1SERINE**
SAS label: **SHS1 DIETARY SERINE (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ASPARTAME**
SAS label: **SHS1 DIETARY ASPARTAME (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1SACCHARIN**
SAS label: **SHS1 DIETARY SACCHARIN (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1CAFFEINE**
SAS label: **SHS1 DIETARY CAFFEINE (mg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ASH**
SAS label: **SHS1 DIETARY ASH (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1WATER**
SAS label: **SHS1 DIETARY WATER (gm)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: S1PFAT
SAS label: SHS1 DIETARY % CALORIES FROM FAT
Note: Nutrient data generated from food diary

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S1PCARB
SAS label: SHS1 DIETARY % CALORIES FROM CARBOHYDRATES
Note: Nutrient data generated from food diary

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S1PPROT
SAS label: SHS1 DIETARY % CALORIES FROM PROTEIN
Note: Nutrient data generated from food diary

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S1PALCOHOL
SAS label: SHS1 DIETARY % CALORIES FROM ALCOHOL
Note: Nutrient data generated from food diary

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: **S1PSFA**
SAS label: **SHS1 DIETARY % CALORIES FROM SFA**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PMFA**
SAS label: **SHS1 DIETARY % CALORIES FROM MUFA**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PPFA**
SAS label: **SHS1 DIETARY % CALORIES FROM PUFA**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1BETACARO**
SAS label: **SHS1 DIETARY BETA-CAROTENE (mcg)**
Note: **Nutrient data generated from food diary**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Nutritional Data

Variable name: CENTER
SAS label: SHS Site
Note: None

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Physical Activity

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D. Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

LEISURE PHYSICAL ACTIVITIES

Variable name: **PA1A**
SAS label: **HRS/WK PHYSICAL ACTIVITY IN LAST YEAR**
Question: **Q1a: In general, about how many hours per week did you regularly participate in sports and other strenuous leisure physical activities (excluding time spend walking)? During the past year**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA1B**
SAS label: **HRS/WK PHYSICAL ACTIVITY IN LAST WEEK**
Question: **Q1b: In general, about how many hours per week did you regularly participate in sports and other strenuous leisure physical activities (excluding time spend walking)? During the past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name:	**PA2**
SAS label:	**RUNNING**
Question:	**Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Running for exercise**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name:	**PA3**
SAS label:	**SWIMMING**
Question:	**Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Swimming (laps)**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name:	**PA4**
SAS label:	**BICYCLING**
Question:	**Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Bicycling**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name:	**PA5**
SAS label:	**SOFTBALL/BASEBALL**
Question:	**Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Softball/Baseball**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name:	**PA6**
SAS label:	**VOLLEYBALL**
Question:	**Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Volleyball**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name:	**PA7**
SAS label:	**BOWLING**
Question:	**Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Bowling**
Note:	**None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: **PA8**
SAS label: **BASKETBALL**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Basketball**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA9**
SAS label: **SKATING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Skating (roller or ice)**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA10**
SAS label: **FOOTBALL/SOCCER**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Football/Soccer**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: **PA11**
SAS label: **RACQUET/HANDBALL**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Racquetball/Handball**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA12**
SAS label: **HORSEBACK RIDING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Horseback riding**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA13**
SAS label: **HUNTING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Hunting**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: **PA14**
SAS label: **FISHING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Fishing**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA15**
SAS label: **DANCING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Non-Indian Dancing**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA16**
SAS label: **GARDENING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Gardening or Yardwork**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: PA17
SAS label: WEIGHT LIFTING
Question: Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Weight lifting
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: PA18
SAS label: CALISTHENICS
Question: Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Calisthenics
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: PA19
SAS label: WALKING
Question: Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Walking for exercise
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: **PA20**
SAS label: **HIKING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Hiking through Mts**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA21**
SAS label: **RODEO**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Rodeo**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA22**
SAS label: **OTHER ACTIVITY 1**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Other**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: **PA23**
SAS label: **OTHER ACTIVITY 2**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Other**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA24**
SAS label: **TENNIS**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Tennis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA25**
SAS label: **GOLF**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Golf**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: **PA26**
SAS label: **CANOEING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Canoeing**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA26A**
SAS label: **INDIAN DANCING**
Question: **Q2a: Identify all activities done more than 10 times in your lifetime, not including time spent in school physical education classes: Indian Dancing**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
.	Missing	

Physical Activity

Variable name: PA27
SAS label: ACTIVITY 1: CODE
Question: Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity
Note: None

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA28**
SAS label: **ACTIVITY 1: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA29**
SAS label: **ACTIVITY 1: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA30**
SAS label: **ACTIVITY 1: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA31**
SAS label: **ACTIVITY 1: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA32**
SAS label: **ACTIVITY 1: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: PA33
SAS label: ACTIVITY 2: CODE
Question: Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity
Note: None

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA34**
SAS label: **ACTIVITY 2: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA35**
SAS label: **ACTIVITY 2: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA36**
SAS label: **ACTIVITY 2: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA37**
SAS label: **ACTIVITY 2: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA38**
SAS label: **ACTIVITY 2: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA39**
SAS label: **ACTIVITY 3: CODE**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity**
Note: **None**

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA40**
SAS label: **ACTIVITY 3: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA41**
SAS label: **ACTIVITY 3: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA42**
SAS label: **ACTIVITY 3: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA43**
SAS label: **ACTIVITY 3: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA44**
SAS label: **ACTIVITY 3: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: PA45
SAS label: ACTIVITY 4: CODE
Question: Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity
Note: None

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA46**
SAS label: **ACTIVITY 4: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA47**
SAS label: **ACTIVITY 4: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA48**
SAS label: **ACTIVITY 4: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA49**
SAS label: **ACTIVITY 4: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA50**
SAS label: **ACTIVITY 4: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA51**
SAS label: **ACTIVITY 5: CODE**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity**
Note: **None**

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA52**
SAS label: **ACTIVITY 5: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA53**
SAS label: **ACTIVITY 5: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA54**
SAS label: **ACTIVITY 5: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA55**
SAS label: **ACTIVITY 5: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA56**
SAS label: **ACTIVITY 5: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA57**
SAS label: **ACTIVITY 6: CODE**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity**
Note: **None**

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA58**
SAS label: **ACTIVITY 6: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA59**
SAS label: **ACTIVITY 6: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA60**
SAS label: **ACTIVITY 6: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA61**
SAS label: **ACTIVITY 6: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA62**
SAS label: **ACTIVITY 6: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: PA63
SAS label: ACTIVITY 7: CODE
Question: Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity
Note: None

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA64**
SAS label: **ACTIVITY 7: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA65**
SAS label: **ACTIVITY 7: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA66**
SAS label: **ACTIVITY 7: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA67**
SAS label: **ACTIVITY 7: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA68**
SAS label: **ACTIVITY 7: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: PA69
SAS label: ACTIVITY 8: CODE
Question: Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity
Note: None

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA70**
SAS label: **ACTIVITY 8: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA71**
SAS label: **ACTIVITY 8: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA72**
SAS label: **ACTIVITY 8: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA73**
SAS label: **ACTIVITY 8: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA74**
SAS label: **ACTIVITY 8: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA75**
SAS label: **ACTIVITY 9: CODE**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity**
Note: **None**

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA76**
SAS label: **ACTIVITY 9: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA77**
SAS label: **ACTIVITY 9: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA78**
SAS label: **ACTIVITY 9: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA79**
SAS label: **ACTIVITY 9: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA80**
SAS label: **ACTIVITY 9: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA81**
SAS label: **ACTIVITY 10: CODE**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity**
Note: **None**

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA82**
SAS label: **ACTIVITY 10: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA83**
SAS label: **ACTIVITY 10: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA84**
SAS label: **ACTIVITY 10: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA85**
SAS label: **ACTIVITY 10: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA86**
SAS label: **ACTIVITY 10: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA87**
SAS label: **ACTIVITY 11: CODE**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Activity**
Note: **None**

Code or Value	Value description	Skip to item
2	Running for exercise	
3	Swimming (laps)	
4	Bicycling	
5	Softball/Baseball	
6	Volleyball	
7	Bowling	
8	Basketball	
9	Skating (roller or ice)	
10	Football/Soccer	
11	Racquetball/Handball	
12	Horseback riding	
13	Hunting	
14	Fishing	
15	Non-Indian Dancing	
16	Gardening or Yardwork	
17	Weight lifting	
18	Calisthenics	
19	Walking for exercise	
20	Hiking through Mts	
21	Rodeo	
22	Other	
23	Other	
24	Tennis	
25	Golf	
26	Canoeing	
27	Indian Dancing	
.	Missing	

Physical Activity

Variable name: **PA88**
SAS label: **ACTIVITY 11: # MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of months in the past year.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA89**
SAS label: **ACTIVITY 11: # TIMES/WK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of times per week.**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA90**
SAS label: **ACTIVITY 11: # WK/MOS**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of weeks per month**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA91**
SAS label: **ACTIVITY 11: # HRS/TIME**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours per time**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA92**
SAS label: **ACTIVITY 11: # HRS IN PAST WEEK**
Question: **Q2b: List all activities done over the past year along with the average amount of time spent in each activity: Number of hours in past week**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

OCCUPATIONAL ACTIVITY

Variable name: **PA93**
SAS label: **# HR/WK SPORTS AGE 12-18**
Question: **Q3: In general, about how many hours per week did you regularly participate in sports and other strenuous physical activities (excluding walking and time spent in school physical education classes)? Age 12-18**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA94**
SAS label: **# HR/WK SPORTS AGE 19-34**
Question: **Q3: In general, about how many hours per week did you regularly participate in sports and other strenuous physical activities (excluding walking and time spent in school physical education classes)? Age 19-34**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA95**
SAS label: **# HR/WK SPORTS AGE 35-49**
Question: **Q3: In general, about how many hours per week did you regularly participate in sports and other strenuous physical activities (excluding walking and time spent in school physical education classes)? Age 35-49**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA96**
SAS label: **# HR/WK SPORTS AGE 50-64**
Question: **Q3: In general, about how many hours per week did you regularly participate in sports and other strenuous physical activities (excluding walking and time spent in school physical education classes)? Age 50-64**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA97**
SAS label: **# HR/WK SPORTS AGE 65-74**
Question: **Q3: In general, about how many hours per week did you regularly participate in sports and other strenuous physical activities (excluding walking and time spent in school physical education classes)? Age 65-75**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA98**
SAS label: **PHYSICALLY DEMANDING JOB IN LAST YEAR**
Question: **Q4: Over the past year, have you had a job that required physically demanding work?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: PA99
SAS label: JOB 1: CODE
Question: Q5: List all jobs held over the past year for more than one month.
Note: Account for all 12 months

Code or Value	Value description	Skip to item
1	Student	
2	Homemaker	
3	Retired	
4	Disabled	
5	Unemployed	
6	Professional and technical worker	
7	Managers, officials, & proprietors	
8	Clerical workers	
9	Sales-workers	
10	Craftsman and foreman	
11	Machine/equipment operator	
12	Non-farm laborers	
13	Private household workers	
14	Service workers except private household	
15	Farmers and farm managers	
16	Farm laborers and foreman	
17	Armed Services	
.	Missing	

Variable name: PA100
SAS label: JOB 1: MIN/DAY WALK/BIKE TO WORK
Question: Q5: Walk or bike to work (minutes/day)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA101**
SAS label: **JOB 1: MOS/YR**
Question: **Q5: Months per year working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA102**
SAS label: **JOB 1: DAY/WK**
Question: **Q5: Days per week working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA103**
SAS label: **JOB 1: HR/DAY**
Question: **Q5: Hours per day working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA104**
SAS label: **JOB 1: HR LIGHT WORK**
Question: **Q5: Hours spent performing light activities (includes all sitting activities)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA105**
SAS label: **JOB 1: HR MODERATE WORK**
Question: **Q5: Hours spent performing moderate activities (includes most indoor activity)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA106**
SAS label: **JOB 1: HR HARD WORK**
Question: **Q5: Hours spent performing heavy activities (heavy industrial work, outdoor construction, heavy farming)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA107**
SAS label: **JOB 2: CODE**
Question: **Q5: List all jobs held over the past year for more than one month.**
Note: **Account for all 12 months**

Code or Value	Value description	Skip to item
1	Student	
2	Homemaker	
3	Retired	
4	Disabled	
5	Unemployed	
6	Professional and technical worker	
7	Managers, officials, & proprietors	
8	Clerical workers	
9	Sales-workers	
10	Craftsman and foreman	
11	Machine/equipment operator	
12	Non-farm laborers	
13	Private household workers	
14	Service workers except private household	
15	Farmers and farm managers	
16	Farm laborers and foreman	
17	Armed Services	
.	Missing	

Variable name: **PA108**
SAS label: **JOB 2: MIN/DAY WALK/BIKE TO WORK**
Question: **Q5: Walk or bike to work (minutes/day)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA109**
SAS label: **JOB 2: MOS/YR**
Question: **Q5: Months per year working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA110**
SAS label: **JOB 2: DAY/WK**
Question: **Q5: Days per week working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA111**
SAS label: **JOB 2: HR/DAY**
Question: **Q5: Hours per day working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA112**
SAS label: **JOB 2: HR LIGHT WORK**
Question: **Q5: Hours spent performing light activities (includes all sitting activities)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA113**
SAS label: **JOB 2: HR MODERATE WORK**
Question: **Q5: Hours spent performing moderate activities (includes most indoor activity)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA114**
SAS label: **JOB 2: HR HARD WORK**
Question: **Q5: Hours spent performing heavy activities (heavy industrial work, outdoor construction, heavy farming)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: PA115
SAS label: JOB 3: CODE
Question: Q5: List all jobs held over the past year for more than one month.
Note: Account for all 12 months

Code or Value	Value description	Skip to item
1	Student	
2	Homemaker	
3	Retired	
4	Disabled	
5	Unemployed	
6	Professional and technical worker	
7	Managers, officials, & proprietors	
8	Clerical workers	
9	Sales-workers	
10	Craftsman and foreman	
11	Machine/equipment operator	
12	Non-farm laborers	
13	Private household workers	
14	Service workers except private household	
15	Farmers and farm managers	
16	Farm laborers and foreman	
17	Armed Services	
.	Missing	

Variable name: PA116
SAS label: JOB 3: MIN/DAY WALK/BIKE TO WORK
Question: Q5: Walk or bike to work (minutes/day)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA117**
SAS label: **JOB 3: MOS/YR**
Question: **Q5: Months per year working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA118**
SAS label: **JOB 3: DAY/WK**
Question: **Q5: Days per week working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA119**
SAS label: **JOB 3: HR/DAY**
Question: **Q5: Hours per day working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA120**
SAS label: **JOB 3: HR LIGHT WORK**
Question: **Q5: Hours spent performing light activities (includes all sitting activities)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA121**
SAS label: **JOB 3: HR MODERATE WORK**

Physical Activity

Question: **Q5: Hours spent performing moderate activities (includes most indoor activity)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA122**
SAS label: **JOB 3: HR HARD WORK**
Question: **Q5: Hours spent performing heavy activities (heavy industrial work, outdoor construction, heavy farming)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA123**
SAS label: **JOB 4: CODE**
Question: **Q5: List all jobs held over the past year for more than one month.**
Note: **Account for all 12 months**

Code or Value	Value description	Skip to item
1	Student	
2	Homemaker	
3	Retired	
4	Disabled	
5	Unemployed	
6	Professional and technical worker	
7	Managers, officials, & proprietors	
8	Clerical workers	
9	Sales-workers	
10	Craftsman and foreman	
11	Machine/equipment operator	
12	Non-farm laborers	
13	Private household workers	
14	Service workers except private household	
15	Farmers and farm managers	
16	Farm laborers and foreman	
17	Armed Services	
.	Missing	

Variable name: **PA124**
SAS label: **JOB 4: MIN/DAY WALK/BIKE TO WORK**
Question: **Q5: Walk or bike to work (minutes/day)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA125**
SAS label: **JOB 4: MOS/YR**
Question: **Q5: Months per year working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA126**
SAS label: **JOB 4: DAY/WK**
Question: **Q5: Days per week working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA127**
SAS label: **JOB 4: HR/DAY**
Question: **Q5: Hours per day working at job**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA128**
SAS label: **JOB 4: HR LIGHT WORK**
Question: **Q5: Hours spent performing light activities (includes all sitting activities)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA129**
SAS label: **JOB 4: HR MODERATE WORK**
Question: **Q5: Hours spent performing moderate activities (includes most indoor activity)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA130**
SAS label: **JOB 4: HR HARD WORK**
Question: **Q5: Hours spent performing heavy activities (heavy industrial work, outdoor construction, heavy farming)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA131**
SAS label: **PHYSICAL JOB >= 1 YEAR**
Question: **Q6: Have you ever had a job for longer than one year that required physically demanding work?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q7 (PA134)
.	Missing	

Physical Activity

Variable name: **PA132**
SAS label: **# PHYSICAL JOBS HELD**
Question: **Q6: If yes, how many physically active jobs have you ever held?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA133**
SAS label: **# YRS PHYSICAL JOBS**
Question: **Q6: What is the total number of years that you have worked in these physically demanding jobs?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

GENERAL QUESTIONS

Variable name: **PA134**
SAS label: **COMPETE IN SPORT**
Question: **Q7: Did you ever compete in an individual or team sport (not including any time spent in sports performed during school physical education classes)?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: **PA135**
SAS label: **# YRS COMPETE IN SPORT**
Question: **Q7: If yes, how many total years did you participate in sport teams?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA136**
SAS label: **CONFINED TO BED/CHAIR**
Question: **Q8: Have you ever spent any time confined to a bed or chair for greater than one month as a result of an injury or illness?**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **PA137**
SAS label: **AGE FIRST CONFINED TO BED/CHAIR**
Question: **Q8: If yes, how old were you when you first became confined to bed/chair?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA138**
SAS label: **# MOS CONFINED TO BED/CHAIR**
Question: **Q8: How many months did confinement to a bed or chair last?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA139**
SAS label: **HRS WATCHING TV/PAST YR**
Question: **Q9: In general, about how many hours per day did you spend watching television during this past year?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA140**
SAS label: **HRS WATCHING TV/PAST WK**
Question: **Q9: In general, about how many hours per day did you spend watching television during this past week?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: PA141
SAS label: DIFFICULTY GETTING IN/OUT BED/CHAIR
Question: Q10a: Do you have difficulty doing any of the following activities: getting in or out of bed or chair?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: PA142
SAS label: DIFFICULTY WALKING ACROSS ROOM
Question: Q10b: Do you have difficulty doing any of the following activities: walking across a small room without resting?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: PA143
SAS label: DIFFICULTY WALKING 10 MIN
Question: Q10c: Do you have difficulty doing any of the following activities: walking for 10 minutes without rest?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Physical Activity

Variable name: **PA144**
SAS label: **HRS/WK DOING HOUSEWORK**
Question: **Q11: Approximately how many hours per week do you spend doing moderately vigorous or vigorous housework such as sweeping, vacuuming, scrubbing, chopping wood, etc. (do not include cooking or dusting)?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA145**
SAS label: **HRS SLEEPING/DAY**
Question: **Q12a: During a typical day (including time spent both at work and at home), how many hours do you usually spend sleeping at night?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA146**
SAS label: **HRS NAPPING/DAY**
Question: **Q12b: During a typical day (including time spent both at work and at home), how many hours do you usually spend napping during the day?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity

Variable name: **PA147**
SAS label: **HRS WALKING/DAY**
Question: **Q12c: During a typical day (including time spent both at work and at home), how many hours do you usually spend walking?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA148**
SAS label: **HRS CARRY-LIFTING/DAY**
Question: **Q12a: During a typical day (including time spent both at work and at home), how many hours do you usually spend carry/lifting moderate or heavy loads (including children)?**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

ADMINISTRATIVE INFORMATION

Variable name: **PA149**
SAS label: **RELIABLE TEST**
Question: **Reliable test?**
Note: **None**

Code or Value	Value description	Skip to item
0	No	
1	Yes	
.	Missing	

Physical Activity

Variable name: **CODE**
SAS label: **INTERVIEWER CODE**
Question: **Interviewer code number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **CENTER**
SAS label: **SHS SITE**
Question: **SHS Site**
Note: **None**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Physical Activity Derived METS

Variable name: **IDNO**
SAS label: **ID NUMBER**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **LPTYR**
SAS label: **LEISURE HOURS/WEEK IN PAST YEAR (EXCLUDING OTHER CATEGORIES)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **LPTWK**
SAS label: **LEISURE HOURS IN PAST WEEK (EXCLUDING OTHER CATEGORIES)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **LMPTYR**
SAS label: **LEISURE METS/WEEK IN PAST YEAR (EXCLUDING OTHER CATEGORIES)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity Derived METS

Variable name: **LMPTWK**
SAS label: **LEISURE METS IN PAST WEEK (EXCLUDING OTHER CATEGORIES)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **LPTYRW**
SAS label: **LEISURE HOURS/WEEK IN PAST YEAR (EXCLUDING OTHER & WALK CATEGORIES)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **LPTWKW**
SAS label: **LEISURE HOURS IN PAST WEEK (EXCLUDING OTHER & WALK CATEGORIES)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **LMPTYRW**
SAS label: **LEISURE METS/WEEK IN PAST YEAR (EXCLUDING OTHER & WALK CATEGORIES)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity Derived METS

Variable name: LMPTWKW
SAS label: LEISURE METS PAST WEEK (EXCLUDING OTHER & WALK
CATEGORIES)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: JOBTIME
SAS label: JOB HOURS/WEEK IN PAST YEAR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: JOBMETS
SAS label: JOB METS HOURS/WEEK IN PAST YEAR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: JOBMOD
SAS label: MODERATE JOB HOURS/WEEK IN PAST YEAR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: JOBHARD
SAS label: HARD JOB HOURS/WEEK IN PAST YEAR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Physical Activity Derived METS

Variable name: **TOTHRS**
SAS label: **LEISURE + JOB HOURS/WEEK IN PAST YEAR (LPTYR + JOBTIME)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TOTHRSW**
SAS label: **LEISURE + JOB HOURS/WEEK IN PAST YEAR (LPTYRW + JOBTIME)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TOTMETS**
SAS label: **LEISURE + JOB METS/WEEK IN PAST YEAR (LMPTYR + JOBMETS)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TOTMETSW**
SAS label: **LEISURE + JOB METS/WEEK IN PAST YEAR (LMPTYRW + JOBMETS)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **CENTER**
SAS label: **SHS SITE**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

12-Lead Electrocardiograms

Variable name: **IDNO**
SAS label: **ID NUMBER**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **DATE**
SAS label: **DATE**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **HR**
SAS label: **HEART RATE**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PR**
SAS label: **PR INTERVAL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **QRSD**
SAS label: **QRS DURATION**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **QT**
SAS label: **QT INTERVAL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PAX**
SAS label: **P AXIS**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **QRSAX**
SAS label: **QRS AXIS**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TAX**
SAS label: **T WAVE AXIS**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **QTC**
SAS label: **QTC INTERVAL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QA_I
SAS label: Q WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_II
SAS label: Q WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_III
SAS label: Q WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_AVR
SAS label: Q WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_AVL
SAS label: Q WAVE AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QA_AVF
SAS label: Q WAVE AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_V1
SAS label: Q WAVE AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_V2
SAS label: Q WAVE AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_V3
SAS label: Q WAVE AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_V4
SAS label: Q WAVE AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **QA_V5**
SAS label: **Q WAVE AMPLITUDE LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **QA_V6**
SAS label: **Q WAVE AMPLITUDE LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **QD_I**
SAS label: **Q WAVE DURATION LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **QD_II**
SAS label: **Q WAVE DURATION LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **QD_III**
SAS label: **Q WAVE DURATION LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QD_AVR
SAS label: Q WAVE DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_AVL
SAS label: Q WAVE DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_AVF
SAS label: Q WAVE DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V1
SAS label: Q WAVE DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V2
SAS label: Q WAVE DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QD_V3
SAS label: Q WAVE DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V4
SAS label: Q WAVE DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V5
SAS label: Q WAVE DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V6
SAS label: Q WAVE DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_I
SAS label: Q WAVE AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMQAR_II**
SAS label: **Q WAVE AREA LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMQAR_III**
SAS label: **Q WAVE AREA LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMQAR_AVR**
SAS label: **Q WAVE AREA LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMQAR_AVL**
SAS label: **Q WAVE AREA LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMQAR_AVF**
SAS label: **Q WAVE AREA LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMQAR_V1**
SAS label: **Q WAVE AREA LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMQAR_V2**
SAS label: **Q WAVE AREA LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMQAR_V3**
SAS label: **Q WAVE AREA LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMQAR_V4**
SAS label: **Q WAVE AREA LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMQAR_V5**
SAS label: **Q WAVE AREA LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMQAR_V6
SAS label: Q WAVE AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_I
SAS label: R WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_II
SAS label: R WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_III
SAS label: R WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_AVR
SAS label: R WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **RA_AVL**
SAS label: **R WAVE AMPLITUDE LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RA_AVF**
SAS label: **R WAVE AMPLITUDE LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RA_V1**
SAS label: **R WAVE AMPLITUDE LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RA_V2**
SAS label: **R WAVE AMPLITUDE LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RA_V3**
SAS label: **R WAVE AMPLITUDE LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **RA_V4**
SAS label: **R WAVE AMPLITUDE LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RA_V5**
SAS label: **R WAVE AMPLITUDE LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RA_V6**
SAS label: **R WAVE AMPLITUDE LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RD_I**
SAS label: **R WAVE DURATION LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RD_II**
SAS label: **R WAVE DURATION LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **RD_III**
SAS label: **R WAVE DURATION LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RD_AVR**
SAS label: **R WAVE DURATION LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RD_AVL**
SAS label: **R WAVE DURATION LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RD_AVF**
SAS label: **R WAVE DURATION LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RD_V1**
SAS label: **R WAVE DURATION LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RD_V2
SAS label: **R WAVE DURATION LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V3
SAS label: **R WAVE DURATION LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V4
SAS label: **R WAVE DURATION LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V5
SAS label: **R WAVE DURATION LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V6
SAS label: **R WAVE DURATION LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMRAR_I**
SAS label: **R WAVE AREA LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_II**
SAS label: **R WAVE AREA LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_III**
SAS label: **R WAVE AREA LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_AVR**
SAS label: **R WAVE AREA LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_AVL**
SAS label: **R WAVE AREA LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMRAR_AVF**
SAS label: **R WAVE AREA LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_V1**
SAS label: **R WAVE AREA LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_V2**
SAS label: **R WAVE AREA LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_V3**
SAS label: **R WAVE AREA LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_V4**
SAS label: **R WAVE AREA LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMRAR_V5**
SAS label: **R WAVE AREA LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRAR_V6**
SAS label: **R WAVE AREA LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_I**
SAS label: **S WAVE AMPLITUDE LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_II**
SAS label: **S WAVE AMPLITUDE LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_III**
SAS label: **S WAVE AMPLITUDE LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **SA_AVR**
SAS label: **S WAVE AMPLITUDE LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_AVL**
SAS label: **S WAVE AMPLITUDE LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_AVF**
SAS label: **S WAVE AMPLITUDE LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_V1**
SAS label: **S WAVE AMPLITUDE LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_V2**
SAS label: **S WAVE AMPLITUDE LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **SA_V3**
SAS label: **S WAVE AMPLITUDE LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_V4**
SAS label: **S WAVE AMPLITUDE LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_V5**
SAS label: **S WAVE AMPLITUDE LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SA_V6**
SAS label: **S WAVE AMPLITUDE LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_I**
SAS label: **P WAVE AMPLITUDE LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **PA_II**
SAS label: **P WAVE AMPLITUDE LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_III**
SAS label: **P WAVE AMPLITUDE LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_AVR**
SAS label: **P WAVE AMPLITUDE LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_AVL**
SAS label: **P WAVE AMPLITUDE LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_AVF**
SAS label: **P WAVE AMPLITUDE LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **PA_V1**
SAS label: **P WAVE AMPLITUDE LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_V2**
SAS label: **P WAVE AMPLITUDE LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_V3**
SAS label: **P WAVE AMPLITUDE LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_V4**
SAS label: **P WAVE AMPLITUDE LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PA_V5**
SAS label: **P WAVE AMPLITUDE LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **PA_V6**
SAS label: **P WAVE AMPLITUDE LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_I**
SAS label: **P WAVE DURATION LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_II**
SAS label: **P WAVE DURATION LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_III**
SAS label: **P WAVE DURATION LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_AVR**
SAS label: **P WAVE DURATION LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **PD_AVL**
SAS label: **P WAVE DURATION LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_AVF**
SAS label: **P WAVE DURATION LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_V1**
SAS label: **P WAVE DURATION LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_V2**
SAS label: **P WAVE DURATION LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_V3**
SAS label: **P WAVE DURATION LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **PD_V4**
SAS label: **P WAVE DURATION LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_V5**
SAS label: **P WAVE DURATION LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PD_V6**
SAS label: **P WAVE DURATION LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SD_I**
SAS label: **S WAVE DURATION LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SD_II**
SAS label: **S WAVE DURATION LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name:　　　**SD_III**
SAS label:　　　**S WAVE DURATION LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:　　　**SD_AVR**
SAS label:　　　**S WAVE DURATION LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:　　　**SD_AVL**
SAS label:　　　**S WAVE DURATION LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:　　　**SD_AVF**
SAS label:　　　**S WAVE DURATION LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:　　　**SD_V1**
SAS label:　　　**S WAVE DURATION LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **SD_V2**
SAS label: **S WAVE DURATION LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SD_V3**
SAS label: **S WAVE DURATION LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SD_V4**
SAS label: **S WAVE DURATION LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SD_V5**
SAS label: **S WAVE DURATION LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SD_V6**
SAS label: **S WAVE DURATION LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMSAR_I**
SAS label: **S WAVE AREA LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_II**
SAS label: **S WAVE AREA LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_III**
SAS label: **S WAVE AREA LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_AVR**
SAS label: **S WAVE AREA LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_AVL**
SAS label: **S WAVE AREA LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMSAR_AVF**
SAS label: **S WAVE AREA LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_V1**
SAS label: **S WAVE AREA LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_V2**
SAS label: **S WAVE AREA LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_V3**
SAS label: **S WAVE AREA LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_V4**
SAS label: **S WAVE AREA LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMSAR_V5**
SAS label: **S WAVE AREA LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSAR_V6**
SAS label: **S WAVE AREA LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RPA_I**
SAS label: **R PRIME AMPLITUDE LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RPA_II**
SAS label: **R PRIME AMPLITUDE LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RPA_III**
SAS label: **R PRIME AMPLITUDE LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **RPA_AVR**
SAS label: **R PRIME AMPLITUDE LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RPA_AVL**
SAS label: **R PRIME AMPLITUDE LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RPA_AVF**
SAS label: **R PRIME AMPLITUDE LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RPA_V1**
SAS label: **R PRIME AMPLITUDE LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **RPA_V2**
SAS label: **R PRIME AMPLITUDE LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPA_V3
SAS label: R PRIME AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_V4
SAS label: R PRIME AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_V5
SAS label: R PRIME AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_V6
SAS label: R PRIME AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_I
SAS label: R PRIME DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPD_II
SAS label: R PRIME DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_III
SAS label: R PRIME DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_AVR
SAS label: R PRIME DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_AVL
SAS label: R PRIME DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_AVF
SAS label: R PRIME DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPD_V1
SAS label: R PRIME DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V2
SAS label: R PRIME DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V3
SAS label: R PRIME DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V4
SAS label: R PRIME DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V5
SAS label: R PRIME DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPD_V6
SAS label: R PRIME DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_I
SAS label: R PRIME AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_II
SAS label: R PRIME AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_III
SAS label: R PRIME AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_AVR
SAS label: R PRIME AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMRPAR_AVL**
SAS label: **R PRIME AREA LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRPAR_AVF**
SAS label: **R PRIME AREA LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRPAR_V1**
SAS label: **R PRIME AREA LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRPAR_V2**
SAS label: **R PRIME AREA LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRPAR_V3**
SAS label: **R PRIME AREA LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMRPAR_V4**
SAS label: **R PRIME AREA LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRPAR_V5**
SAS label: **R PRIME AREA LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMRPAR_V6**
SAS label: **R PRIME AREA LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_I**
SAS label: **S PRIME AMPLITUDE LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_II**
SAS label: **S PRIME AMPLITUDE LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **SPA_III**
SAS label: **S PRIME AMPLITUDE LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_AVR**
SAS label: **S PRIME AMPLITUDE LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_AVL**
SAS label: **S PRIME AMPLITUDE LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_AVF**
SAS label: **S PRIME AMPLITUDE LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_V1**
SAS label: **S PRIME AMPLITUDE LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **SPA_V2**
SAS label: **S PRIME AMPLITUDE LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_V3**
SAS label: **S PRIME AMPLITUDE LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_V4**
SAS label: **S PRIME AMPLITUDE LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_V5**
SAS label: **S PRIME AMPLITUDE LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **SPA_V6**
SAS label: **S PRIME AMPLITUDE LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SPD_I
SAS label: S PRIME DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_II
SAS label: S PRIME DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_III
SAS label: S PRIME DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_AVR
SAS label: S PRIME DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_AVL
SAS label: S PRIME DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SPD_AVF
SAS label: S PRIME DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V1
SAS label: S PRIME DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V2
SAS label: S PRIME DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V3
SAS label: S PRIME DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V4
SAS label: S PRIME DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SPD_V5
SAS label: S PRIME DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V6
SAS label: S PRIME DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_I
SAS label: S PRIME AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_II
SAS label: S PRIME AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_III
SAS label: S PRIME AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMSPAR_AVR**
SAS label: **S PRIME AREA LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSPAR_AVL**
SAS label: **S PRIME AREA LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSPAR_AVF**
SAS label: **S PRIME AREA LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSPAR_V1**
SAS label: **S PRIME AREA LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSPAR_V2**
SAS label: **S PRIME AREA LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMSPAR_V3**
SAS label: **S PRIME AREA LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSPAR_V4**
SAS label: **S PRIME AREA LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSPAR_V5**
SAS label: **S PRIME AREA LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMSPAR_V6**
SAS label: **S PRIME AREA LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STJ_I**
SAS label: **ST J POINT LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STJ_II
SAS label: ST J POINT LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_III
SAS label: ST J POINT LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_AVR
SAS label: ST J POINT LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_AVL
SAS label: ST J POINT LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_AVF
SAS label: ST J POINT LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STJ_V1
SAS label: ST J POINT LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V2
SAS label: ST J POINT LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V3
SAS label: ST J POINT LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V4
SAS label: ST J POINT LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V5
SAS label: ST J POINT LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STJ_V6
SAS label: ST J POINT LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_I
SAS label: ST M POINT LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_II
SAS label: ST M POINT LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_III
SAS label: ST M POINT LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_AVR
SAS label: ST M POINT LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **STM_AVL**
SAS label: **ST M POINT LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STM_AVF**
SAS label: **ST M POINT LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STM_V1**
SAS label: **ST M POINT LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STM_V2**
SAS label: **ST M POINT LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STM_V3**
SAS label: **ST M POINT LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STM_V4
SAS label: ST M POINT LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_V5
SAS label: ST M POINT LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_V6
SAS label: ST M POINT LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_I
SAS label: ST E POINT LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_II
SAS label: ST E POINT LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **STE_III**
SAS label: **ST E POINT LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STE_AVR**
SAS label: **ST E POINT LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STE_AVL**
SAS label: **ST E POINT LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STE_AVF**
SAS label: **ST E POINT LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STE_V1**
SAS label: **ST E POINT LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **STE_V2**
SAS label: **ST E POINT LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STE_V3**
SAS label: **ST E POINT LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STE_V4**
SAS label: **ST E POINT LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STE_V5**
SAS label: **ST E POINT LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **STE_V6**
SAS label: **ST E POINT LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **TA_I**
SAS label: **T WAVE AMPLITUDE LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_II**
SAS label: **T WAVE AMPLITUDE LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_III**
SAS label: **T WAVE AMPLITUDE LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_AVR**
SAS label: **T WAVE AMPLITUDE LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_AVL**
SAS label: **T WAVE AMPLITUDE LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **TA_AVF**
SAS label: **T WAVE AMPLITUDE LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_V1**
SAS label: **T WAVE AMPLITUDE LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_V2**
SAS label: **T WAVE AMPLITUDE LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_V3**
SAS label: **T WAVE AMPLITUDE LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_V4**
SAS label: **T WAVE AMPLITUDE LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **TA_V5**
SAS label: **T WAVE AMPLITUDE LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **TA_V6**
SAS label: **T WAVE AMPLITUDE LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_I**
SAS label: **T WAVE AREA LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_II**
SAS label: **T WAVE AREA LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_III**
SAS label: **T WAVE AREA LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMTAR_AVR**
SAS label: **T WAVE AREA LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_AVL**
SAS label: **T WAVE AREA LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_AVF**
SAS label: **T WAVE AREA LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_V1**
SAS label: **T WAVE AREA LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_V2**
SAS label: **T WAVE AREA LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMTAR_V3**
SAS label: **T WAVE AREA LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_V4**
SAS label: **T WAVE AREA LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_V5**
SAS label: **T WAVE AREA LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMTAR_V6**
SAS label: **T WAVE AREA LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **PAREA_I**
SAS label: **P WAVE NET AREA LEAD I**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PAREA_II
SAS label: P WAVE NET AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_III
SAS label: P WAVE NET AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_AVR
SAS label: P WAVE NET AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_AVL
SAS label: P WAVE NET AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_AVF
SAS label: P WAVE NET AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name:　　　**PAREA_V1**
SAS label:　　　　　**P WAVE NET AREA LEAD V1**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:　　　**PAREA_V2**
SAS label:　　　　　**P WAVE NET AREA LEAD V2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:　　　**PAREA_V3**
SAS label:　　　　　**P WAVE NET AREA LEAD V3**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:　　　**PAREA_V4**
SAS label:　　　　　**P WAVE NET AREA LEAD V4**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name:　　　**PAREA_V5**
SAS label:　　　　　**P WAVE NET AREA LEAD V5**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **PAREA_V6**
SAS label: **P WAVE NET AREA LEAD V6**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **CENTER**
SAS label: **SHS SITE**

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

GTT Checklist

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D. Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **DATE**
SAS label: **DATE**
Question: **Date**
Note: **None**

Code or Value	Value Description	Skip to item
Time value in TIME5.	Range of values	

Variable name: **GTT1**
SAS label: **TIME LAST ATE**
Question: **When was the last time you ate?**
Note: **None**

Code or Value	Value Description	Skip to item
Time value in TIME5.	Range of values	

GTT Checklist

Variable name: **GTT2**
SAS label: **TIME OF COLLECTION FASTING BLOOD SAMPLE**
Question: **Time of collection of fasting sample**
Note: **None**

Code or Value	Value Description	Skip to item
Time value in TIME5.	Range of values	

Variable name: **GTT3**
SAS label: **TIME THE 75 GRAM GLUCOSE BEVERAGE CONSUMED**
Question: **Time the 75 gram glucose beverage was consumed**
Note: **None**

Code or Value	Value Description	Skip to item
Time value in TIME5.	Range of values	

Variable name: **GTT4**
SAS label: **URINE SAMPLE TAKEN**
Question: **Time of collection of urine sample**
Note: **None**

Code or Value	Value Description	Skip to item
Time value in TIME5.	Range of values	

Variable name: **GTT5**
SAS label: **TIME OF 2 HR BLOOD SAMPLE**
Question: **Time of the 2-hr blood sample**
Note: **None**

Code or Value	Value Description	Skip to item
Time value in TIME5.	Range of values	

GTT Checklist

Variable name: **GTT6**
SAS label: **REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, INSULIN TREATMENT**
Question: **Q1: The participant did not of GTT because of diabetes, on insulin treatment**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **GTT7**
SAS label: **REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, ORAL AGENT**
Question: **Q2: The participant did not of GTT because of diabetes, on oral agent with two previous fasting glucose > 250 mg/dL**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **GTT8**
SAS label: **REASON GLUCOSE BEVERAGE NOT CONSUMED: ACCUCHEK > 225 MG/DL**
Question: **Q3: The participant did not of GTT because of Accuchek > 225 mg/dL**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

GTT Checklist

Variable name: **GTT9**
SAS label: **REASON GLUCOSE BEVERAGE NOT CONSUMED: RENAL DIALYSIS**
Question: **Q4: The participant did not of GTT because of renal dialysis**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **GTT10**
SAS label: **REASON GLUCOSE BEVERAGE NOT CONSUMED: KIDNEY TRANSPLANT**
Question: **Q5: The participant did not of GTT because of a kidney transplant**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: **GTT11**
SAS label: **REASON GLUCOSE BEVERAGE NOT CONSUMED: REFUSAL**
Question: **Q6: The participant did not of GTT because of refusal to have GTT done**
Note: **None**

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

GTT Checklist

Variable name:	**CENTER**	
SAS label:	**SHS SITE**	
Question:	**SHS Site**	
Note:	**None**	

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Laboratory Measures

Variable name: **IDNO**
SAS label: **ID NUMBER**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

CHEMISTRIES

Variable name: **S1G0**
SAS label: **FASTING GLUCOSE (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1G2**
SAS label: **2-HOUR GLUCOSE (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1P_CREA**
SAS label: **PLASMA CREATININE (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: S1INSU
SAS label: INSULIN (uU/mL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S1HBA1C
SAS label: HEMOGLOBIN A1C (%)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

HEMOSTASIS

Variable name: S1FIBRIN
SAS label: FIBRINOGEN (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

LIPIDS

Variable name: S1APOA1
SAS label: APO LIPOPROTEIN A1 (APOA1) (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S1APOB
SAS label: APO LIPOPROTEIN B (APOB) (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: **S1APOE**
SAS label: **APO LIPOPROTEIN E (APOE) (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1TC**
SAS label: **TOTAL CHOLESTEROL (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1TG**
SAS label: **TRIGLYCERIDE (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1HDL**
SAS label: **HDL CHOLESTEROL (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1LDL**
SAS label: **LDL CHOLESTEROL (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: **S1VLDLTG**
SAS label: **VLDL TRIGLYCERIDE (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1VLDLTC**
SAS label: **VLDL CHOLESTEROL (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1LPA**
SAS label: **LIPOPROTEIN(a)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

URINE COLLECTION

Variable name: **S1U_ALB**
SAS label: **URINE ALBUMIN (mg/L)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1U_CREA**
SAS label: **URINE CREATININE (mg/dL)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: CENTER
SAS label: SHS SITE

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

Derived Medication

Variable name: **IDNO**
SAS label: **ID NUMBER**
Question: **SHS I.D. Number**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ANTIHIST**
SAS label: **ANTIHISTAMINES**
Question: **Antihistamine Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 4:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1ANTIBIOTIC**
SAS label: **ANTIBIOTICS**
Question: **Antibacterial Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 08:12**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived Medication

Variable name: **S1ANTINEO**
SAS label: **ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)**
Question: **Antineoplastic Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 10:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1ANTICOAG**
SAS label: **ANTICOAGULANTS**
Question: **Anticoagulant Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 20:12:04**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1CARDIAC**
SAS label: **CARDIAC DRUGS**
Question: **Cardiac Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 24:04**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived Medication

Variable name: **S1LIPIDLOW**
SAS label: **HYPOLIPIDEMIC (LIPID LOWERING)**
Question: **Antilipidemic Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 24:06**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1HYPOTEN**
SAS label: **HYPOTENSIVE AGENTS**
Question: **Hypotensive Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 24:08**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1BETABLOCK**
SAS label: **BETA-BLOCKERS**
Question: **Beta-blocker Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 24:24:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived Medication

Variable name: **S1ANALGESIC**
SAS label: **ANALGESIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)**
Question: **Analgesics and Antipyretic Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 28:08**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1ASPIRIN**
SAS label: **ASPIRIN**
Question: **Aspirin**
Note: **AHFS Pharmacologic-therapeutic Classification: 28:08 and specified field included aspirin**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1ANTICONV**
SAS label: **ANTICONVULSANTS**
Question: **Anticonvulsant Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 28:12**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived Medication

Variable name: **S1PSYCHOTHER**
SAS label: **PSYCHOTHERAPEUTIC AGENTS**
Question: **Psychotherapeutic Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 28:16**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1DIURETIC**
SAS label: **DIURETICS**
Question: **Diuretic Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 40:28**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1GASTRO**
SAS label: **GASTROINTESTINAL DRUGS**
Question: **Gastrointestinal Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 56:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived Medication

Variable name: S1ADRENAL
SAS label: ADRENALS (STEROIDS)
Question: Adrenal Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 68:04

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S1CONTRA
SAS label: CONTRACEPTIVES
Question: Contraceptive Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 68:12

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S1ESTRO
SAS label: ESTROGENS
Question: Estrogens and Estrogen Agonist Antagonists
Note: AHFS Pharmacologic-therapeutic Classification: 68:16

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived Medication

Variable name: **S1ANTIDM**
SAS label: **ANTIDIABETIC AGENTS**
Question: **Antidiabetic Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 68:20**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1INSULIN**
SAS label: **INSULINS**
Question: **Insulin Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 68:20:08**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1SULFRON**
SAS label: **SULFONYLUREAS**
Question: **Sulfonylureas Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 68:20:20**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived Medication

Variable name: **S1THYROID**
SAS label: **THYROID AGENTS**
Question: **Thyroid and Antithyroid Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 68:36**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1SKIN**
SAS label: **OINTMENTS AND OTHER TOPICAL PRODUCTS**
Question: **All skin and mucous membrane agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 84:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1VITAMIN**
SAS label: **VITAMINS**
Question: **Vitamins**
Note: **AHFS Pharmacologic-therapeutic Classification: 88:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medication Details

Variable name: **IDNO**
SAS label: **ID NUMBER**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **MNAME31**
SAS label: **DRUG NAME**
Question: **Medical drug name**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: **MDOSE31**
SAS label: **DRUG DOSE**
Question: **Medical drug dose**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: **RXDAY31**
SAS label: **RX PER DAY**
Question: **Amount of medication per day**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		

Medication Details

Variable name: **PRN31**
SAS label: **TAKE AS NEEDED**
Question: **Take as needed?**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: **TKNDAY31**
SAS label: **HOW MANY TAKEN?**
Question: **How much medication was taken?**
Note: **None**

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: **MCLASS31**
SAS label: **MATCHING DRUG CLASS CODE (AHFS DRUG CODE)**
Question: **AHFS Drug Code**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **LEVEL1GRP**
SAS label: **AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TIER 1**

Code or Value	Value Description	Skip to item
Open text field blank		

Medication Details

Variable name: **LEVEL2GRP**
SAS label: **AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TIER 2**

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: **LEVEL3GRP**
SAS label: **AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TIER 3**

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: **S1ANTIHIST**
SAS label: **ANTIHISTAMINES**
Question: **Antihistamine Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 4:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1ANTIBIOTIC**
SAS label: **ANTIBIOTICS**
Question: **Antibacterial Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 08:12**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medication Details

Variable name: **S1ANTINEO**
SAS label: **ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)**
Question: **Antineoplastic Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 10:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1ANTICOAG**
SAS label: **ANTICOAGULANTS**
Question: **Anticoagulant Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 20:12:04**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1CARDIAC**
SAS label: **CARDIAC DRUGS**
Question: **Cardiac Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 24:04**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medication Details

Variable name: **S1LIPIDLOW**
SAS label: **HYPOLIPIDEMIC (LIPID LOWERING)**
Question: **Antilipidemic Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 24:06**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1HYPOTEN**
SAS label: **HYPOTENSIVE AGENTS**
Question: **Hypotensive Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 24:08**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1BETABLOCK**
SAS label: **BETA-BLOCKERS**
Question: **Beta-blocker Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 24:24:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medication Details

Variable name: S1ANALGESIC
SAS label: ANALGESTIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)
Question: Analgesics and Antipyretic Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 28:08

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S1ASPIRIN
SAS label: ASPIRIN
Note: AHFS Pharmacologic-therapeutic Classification: 28:08 and specified field included aspirin

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S1ANTICONV
SAS label: ANTICONVULSANTS
Question: Anticonvulsant Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 28:12

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medication Details

Variable name: **S1PSYCHOTHER**
SAS label: **PSYCHOTHERAPEUTIC AGENTS**
Question: **Psychotherapeutic Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 28:16**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1DIURETIC**
SAS label: **DIURETICS**
Question: **Diuretic Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 40:28**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1GASTRO**
SAS label: **GASTROINTESTINAL DRUGS**
Question: **Gastrointestinal Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 56:00**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medication Details

Variable name: S1ADRENAL
SAS label: ADRENALS (STEROIDS)
Question: Adrenal Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 68:04

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S1CONTRA
SAS label: CONTRACEPTIVES
Question: Contraceptive Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 68:12

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S1ESTRO
SAS label: ESTROGENS
Question: Estrogens and Estrogen Agonist Antagonists
Note: AHFS Pharmacologic-therapeutic Classification: 68:16

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medication Details

Variable name: **S1ANTIDM**
SAS label: **ANTIDIABETIC AGENTS**
Question: **Antidiabetic Agents**
Note: **AHFS Pharmacologic-therapeutic Classification: 68:20**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1INSULIN**
SAS label: **INSULINS**
Question: **Insulin Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 68:20:08**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: **S1SULFRON**
SAS label: **SULFONYLUREAS**
Question: **Sulfonylureas Drugs**
Note: **AHFS Pharmacologic-therapeutic Classification: 68:20:20**

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medication Details

Variable name: S1THYROID
SAS label: THYROID AGENTS
Question: Thyroid and Antithyroid Agents
Note: AHFS Pharmacologic-therapeutic Classification: 68:36

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S1SKIN
SAS label: OINTMENTS AND OTHER TOPICAL PRODUCTS
Question: All skin and mucous membrane agents
Note: AHFS Pharmacologic-therapeutic Classification: 84:00

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S1VITAMIN
SAS label: VITAMINS
Question: Vitamins
Note: AHFS Pharmacologic-therapeutic Classification: 88:00

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Phase 1 Derived Variables

Variable name: **IDNO**
SAS label: **ID NUMBER**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1EXDATE**
SAS label: **SHS1 EXAM DATE**
Note: **None**

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: **S1AGE**
SAS label: **SHS1 AGE**
Note: **S1AGE = (SHS1 Exam Date- Date of Birth) / 365.25**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name:	**S1ADADM**
SAS label:	**SHS1 DIABETES STATUS ACCORDING TO 1997 ADA CRITERIA**
Note:	**DM Definition:**

1. If the participant was not given glucose tolerance test (GTT)

> **a. On insulin treatment;**
>
> **b. On hypoglycemic agent**
>
> **c. On rental dialysis or had kidney transplant and mentioned history of diabetes on medical history questionnaire**

OR

2. If fasting blood sugar ≥ 126

IFG Definition:

110 ≤ fasting blood sugar < 126

NFG Definition:

Normal glucose tolerance with history of DM: Not in (I) AND (II), fasting blood sugar < 110 AND no DM treatment.

Code or Value	Value description	Skip to item
DM	DM	
IFG	Impaired Fasting Glucose Tolerance	
NFG	Normal Fasting Glucose Tolerance	
	Missing	

Phase 1 Derived Variables

Variable name: **S1ADADMD**
SAS label: **SHS1 DURATION (YEARS) OF DIABETES ACCORDING TO 1997 ADA CRITERIA**
Note: **S1ADADMD = Age at exam – Age diabetes was diagnosed**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1DMTX**
SAS label: **SHS1 DIABETES TREATMENT**
Note: **Both insulin and oral agent = AHFS Code 682008 AND 682020**

           Insulin treatment = AHFS Code 682008

           Oral (hypoglycemic) agent = AHFS Code 682020

Code or Value	Value description	Skip to item
B	Both Insulin and Oral Agent	
I	Insulin Treatment	
N	None	
O	Oral Agent	

Variable name: **S1SBP**
SAS label: **SHS1 SYSTOLIC BLOOD PRESSURE (mmHg)**
Note: **S1SBP = (1st measured SBP + 2nd measured SBP) / 2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name: **S1DBP**
SAS label: **SHS1 DIASTOLIC BLOOD PRESSURE (mmHg)**
Note: **S1DBP = (1st measured DBP + 2nd measured DBP) / 2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1MBP**
SAS label: **SHS1 MEAN ARTERIAL PRESSURE (mmHg)**
Note: **S1MBP = (2/3 S1SBP) + (1/3 S1DBP)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name:	**S1USHTN**
SAS label:	**SHS1 HYPERTENSION BY US DEFINITION**
Note:	**Hypertension Definition:**

1. Taking Antihypertensive Drug (AHFS Code=2408)

OR

2. Taking Diuretics (AHFS Code =4028), OR Beta-Blockers (AHFS Code=1216) OR Cardiac Medications (AHFS Code=2404) OR Vasodilator (AHFS Code=2412) AND History of Hypertension

OR

3. S1SBP ≥ 140 mmHg

OR

4. S1DBP ≥ 90 mmHg

No Hypertension:

S1SBP < 140 AND S1DBP < 90 AND No Antihypertensive treatment

Code or Value	Value description	Skip to item
N	No	
Y	Yes	
	Missing	

Variable name:	**S1HTNRX**
SAS label:	**SHS1 HYPERTENSION TREATMENT**
Note:	**1. Taking Antihypertensive Drug**

OR

2. Taking Diuretics OR Beta-Blockers OR Cardiac OR Vasodilator AND History of hypertension

Code or Value	Value description	Skip to item
N	No	
Y	Yes	

Phase 1 Derived Variables

Variable name: **S1ACR**
SAS label: **SHS1 ALBUMINURIA**
Note: **Normal: Urinary albumin/creatinine < 30 mg/g**

         Microalbuminuria: 30 ≤ Urinary albumin/creatinine < 299 mg/g

         Macroalbuminuria: Urinary albumin/creatinine ratio ≥ 300 mg/g

Code or Value	Value description	Skip to item
1	Normal	
2	Microalbuminuria	
3	Macroalbuminuria	
.	Missing	

Variable name: **S1UACR**
SAS label: **SHS1 URINARY ALBUMIN/CREATININE RATIO (mg/g)**
Note: **S1UACR = Urine Albumin / Urine Creatinine**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1LACR**
SAS label: **SHS1 NATURAL LOG OF URINARY ALBUMIN/CREATININE RATIO**
Note: **S1LACR = ln(S1UACR)**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name: **S1CCR**
SAS label: **SHS1 COCKROFT-GAULT CREATININE CLEARANCE (mm/min)**
Note: **If Male:**

S1CCR = [(140 - age) * weight] / (72 * serum creatinine)

If Female:

S1CCR = [[(140 - age) * weight] / (72 * serum creatinine)] * 0.85

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1GFRM2**
SAS label: **SHS1 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (MDRD with 175 constant)**
Note: **If male:**

S1GRFM2 = 175 * S1P_CREA$^{-1.154}$ * S1AGE$^{-0.203}$

If female:

S1GRFM2 = 175 *S1P_CREA$^{-1.154}$ * S1AGE$^{-0.203}$ * 0.742

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1P_CREA_CAL**
SAS label: **SHS1 RECALIBRATED PLASMA CREATININE (mg/dL)**
Note: **S1P_CREA_CAL = -0.1965915 + 0.9972952 * S1P_CREA**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name: **S1GFR_MC**
SAS label: **SHS1 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (MDRD with 175 constant and recalibrated creatinine)**
Note: **If male:**

$$\text{S1GRF\_MC} = 175 * \text{S1P\_CREA\_CAL}^{-1.154} * \text{S1AGE}^{-0.203}$$

If female:

$$\text{S1GRF\_MC} = 175 * \text{S1P\_CREA\_CAL}^{-1.154} * \text{S1AGE}^{-0.203} * 0.742$$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1GFR_EPIC**
SAS label: **SHS1 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (CKD-EPI and recalibrated creatinine)**
Note: **If male and S1P_CREA ≤ 0.9:**

$$\text{S1GRF\_EPIC} = 141 * (\text{S1P\_CREA\_CAL} / 0.9)^{-0.411} * 0.993^{\text{S1AGE}}$$

If male and S1P_CREA > 0.9:

$$\text{S1GRF\_EPIC} = 141 * (\text{S1P\_CREA\_CAL} / 0.9)^{-1.209} * 0.993^{\text{S1AGE}}$$

If female and S1P_CREA ≤ 0.7:

$$\text{S1GRF\_EPIC} = 144 * (\text{S1P\_CREA\_CAL} / 0.7)^{-0.329} * 0.993^{\text{S1AGE}}$$

If female and S1P_CREA > 0.7:

$$\text{S1GRF\_EPIC} = 144 * (\text{S1P\_CREA\_CAL} / 0.7)^{-1.209} * 0.993^{\text{S1AGE}}$$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name: **S1RT_AAR**
SAS label: **SHS1 RIGHT ANKLE-ARM RATIO**
Note: **S1RT_AAR = Right ankle blood pressure / Right arm blood pressure**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1LT_AAR**
SAS label: **SHS1 LEFT ANKLE-ARM RATIO**
Note: **S1LT_AAR = Left ankle blood pressure / Right arm blood pressure**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1PP**
SAS label: **SHS1 PULSE PRESSURE (mm/Hg)**
Note: **S1PP = Systolic blood pressure – Diastolic blood pressure**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1BMI**
SAS label: **SHS1 BODY MASS INDEX (kg/m^2)**
Note: **S1BMI = weight (kg) / (height (cm)/100)^2**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name: **S1WHR**
SAS label: **SHS1 WAIST HIP RATIO**
Note: **S1WHR = Waist circumference / Hip circumference**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1BDFAT**
SAS label: **SHS1 %BODY FAT - (RJL CALCULATION)**
Note: **If Male:**

BODYH20 = EXP(1.1782*LOG(height) - 0.5968*LOG(resistance) + 0.3226*LOG(weight)

If Female:

BODYH20 = EXP(1.2004*LOG(height) - 0.5529*LOG(resistance) + 0.2164*LOG(weight)

S1BDFAT = ([weight - (bodyH2O / 0.732)] / weight) *100

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name:	**S1SMOKE**
SAS label:	**SHS1 SMOKING STATUS**
Note:	**Never Definition:**

Have not smoked more than 100 cigarettes in entire life

OR

Never smoked regularly

Ever Definition:

Smoke at least 100 cigarettes in entire life AND entered age started smoking

AND

Do not smoke currently

Current (yes) Definition:

Smoked at least 100 cigarettes in entire life AND entered age started smoking

AND

Currently smoked

Code or Value	Value description	Skip to item
E	Ever	
N	Never	
Y	Yes	
	Missing	

Variable name:	**S1SMKD**
SAS label:	**SHS1 SMOKING DURATION IN YEARS**
Note:	**None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 1 Derived Variables

Variable name: **S1PPY**
SAS label: **SHS1 SMOKING PACKS PER YEAR**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S1ETOH**
SAS label: **SHS1 ALCOHOL DRINKING STATUS**
Note: **Never Definition:**

Never consumed alcoholic beverages

Ever Definition:

Consumed alcoholic beverages

AND

Has not had a drink in 12 or more months (more than 1 year)

Current (yes) Definition:

Consumed alcoholic beverages

AND

Has had a drink in the last 12 months (1 year)

Code or Value	Value description	Skip to item
E	Ever	
N	Never	
Y	Yes	
	Missing	

Phase 1 Derived Variables

Variable name: **S1MENO**
SAS label: **SHS1 POSTMENOPAUSAL**
Note: **S1MENO = Y if menopause group is natural, surgical, age, or unknown**

                       Else S1MENO = N

                       Menopause Group:

                       Natural: Stopped menstruating AND stopped within the last year AND natural type of menopause

                       Surgical: Stopped menstruating AND stopped within the last year AND surgical type of menopause AND removed both ovaries

                       Age: Stopped menstruating AND stopped within the last year AND surgical type of menopause AND removed both ovaries AND age ≥ 53

                       Unknown: Stopped menstruating AND stopped within the last year AND unknown type of menopause AND age ≥ 53 OR stopped menstruating unknown AND age ≥ 53

Code or Value	Value description	Skip to item
N	No	
Y	Yes	
	Missing	

Phase 1 Derived Variables

Variable name: **S1ESTRO**
SAS label: **SHS1 ESTROGEN USE**
Note: <u>**Current User**</u>**:**

    Medication history indicated estrogen use

    <u>**Ex-User**</u>**:**

    If used estrogen and not list estrogen on medical history

    <u>**Never Used**</u>**:**

    If never used estrogen

Code or Value	Value description	Skip to item
C	Current user	
E	Ex-user	
N	Never used	
	Missing	

Variable name: **S1HOMAIR**
SAS label: **SHS1 HOMEOSTASIS ASSESSMENT (HOMA-IR)**
Note: **None**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	