



Phase III

Data Dictionary

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

Table of Contents

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

Personal Interview Form I

VARIABLE	LABEL
IDNO	ID NUMBER
HOSPA	HOSPITAL A
IHSNO1	CHART NUMBER 1
IHS1	IHS HOSPITAL
INT13_6	HOSPITAL CODE
INT13_10	SEND REPORT
HOSPB	HOSPITAL B
IHSNO2	CHART NUMBER 2
IHS2	IHS HOSPITAL
INT13_7	HOSPITAL CODE
INT13_11	SEND REPORT
HOSPC	HOSPITAL C
IHSNO3	CHART NUMBER 3
IHS3	IHS HOSPITAL
INT13_8	HOSPITAL CODE
INT13_12	SEND REPORT
HOSPD	HOSPITAL D
IHSNO4	CHART NUMBER 4
IHS4	IHS HOSPITAL
INT13_9	HOSPITAL CODE
INT13_13	SEND REPORT
INT13_14	MARITAL STATUS
INT13_33	MARITAL STATUS 2
INT13_34	MARITAL STATUS 3
CENTER	SHS SITE

Personal Interview Form II

VARIABLE	LABEL
IDNO	ID NUMBER
WEIGHT SATISFACTION	
INT23_1	SATISFIED WITH YOUR PRESENT WEIGHT
INT23_2	LOSE OR GAIN WEIGHT
INT23_3	WEIGHT LOSS: EATING
INT23_4	WEIGHT LOSS: PHYSICAL ACTIVITY
INT23_5	WEIGHT LOSS: MEDICATION
INT23_69	WEIGHT LOSS: OTHER
INT23_70	WEIGHT LOSS: OTHER SPECIFY
PHYSICAL ACTIVITY	
INT23_8	DIFFICULTY IN OR OUT OF BED/CHAIR
INT23_6	CONFINED TO A BED/CHAIR
INT23_7	WEEKS OF CONFINEMENT
INT23_9	PREVENT EXERCISE: ARTHRITIS
INT23_52	PREVENT EXERCISE: AMPUTATION
INT23_53	PREVENT EXERCISE: DIFFICULTY BREATHING
INT23_54	PREVENT EXERCISE: UNSAFE FOR WALKING
INT23_55	PREVENT EXERCISE: NO EXERCISE FACILITY AVAILABLE
INT23_83	PREVENT EXERCISE: NOT INTERESTED IN EXERCISE
INT23_71	PREVENT EXERCISE: OTHER SPECIFY
INT23_72	PREVENT EXERCISE: SPECIFY
INT23_10	MILD EFFORT PHYSICAL ACTIVITY
INT23_57	STRENUOUS ACTIVITIES
DENTURE AND EATING PROBLEMS	
INT23_11	NATURAL TEETH
INT23_12	DESCRIBE HOW YOU CHEW
INT23_13	ABILITY TO CHEW
FAMILY INCOME	
INT23_14	HOUSEHOLD INCOME MEET FAMILY NEEDS
INT23_15	MAIN DAILY ACTIVITY
INT23_58	MAIN DAILY ACTIVITY (2nd)
INT23_59	MAIN DAILY ACTIVITY (3rd)
INT23_73	MAIN DAILY ACTIVITY OTHER SPECIFY

Personal Interview Form II

VARIABLE	LABEL
INT23_16	RECEIVE INCOME: WAGES/SALARY
INT23_60	RECEIVE INCOME: PROFITS/BUSINESS
INT23_61	RECEIVE INCOME: GAMING/LOTTERY
INT23_62	RECEIVE INCOME: UNEMPLOYMENT BENEFITS
INT23_63	RECEIVE INCOME: RETIREMENT BENEFITS
INT23_64	RECEIVE INCOME: SOCIAL SECURITY
INT23_65	RECEIVE INCOME: LEASE PAYMENT
INT23_56	RECEIVE INCOME: OTHER
INT23_66	RECEIVE INCOME: SPECIFY OTHER
INT23_67	MOST INCOME FROM Q23
INT23_17	WORK HOURS PER WEEK
INT23_18	ANNUAL HOUSEHOLD INCOME
TOBACCO	
INT23_19	DO YOU SMOKE CIGARETTES NOW
INT23_20	# OF CIGARETTES PER DAY
INT23_21	# OF CIGARETTES PER MONTH
INT23_22	OCCASION TO SMOKE: STRESS
INT23_23	OCCASION TO SMOKE: CASINOS
INT23_24	OCCASION TO SMOKE: WAKES/ FUNERALS
INT23_25	OCCASION TO SMOKE: WHEN DRINKING ALCOHOL
INT23_26	OCCASION TO SMOKE: SOCIAL MEETINGS
INT23_27	OCCASION TO SMOKE: WHEN YOU HAVE EXTRA MONEY
INT23_28	OCCASION TO SMOKE: BINGO
INT23_47	OCCASION TO SMOKE: OTHER
INT23_29	OCCASION TO SMOKE: OTHER SPECIFY
INT23_30	HOW MANY CIGARETTES DO YOU SMOKE
INT23_31	CHANGE YOUR SMOKING HABIT
INT23_32	IF YES, PREFER TO: REDUCE # OF CIGARETTE
INT23_78	IF YES, PREFER TO: SWITCH TO LOWER TAR
INT23_79	IF YES, PREFER TO: USE NICOTINE PATCH/CHEWING GUM
INT23_80	IF YES, PREFER TO: QUIT
INT23_81	IF YES, PREFER TO: OTHER
INT23_82	IF YES, PREFER TO: OTHER SPECIFY

Personal Interview Form II

VARIABLE	LABEL
INT23_33	SMOKE >100 CIGARETTES
INT23_34	QUIT SMOKING
INT23_35	IF QUIT: LAST SMOKE (YEAR)
INT23_36	REASON FOR QUITTING: DOCTOR'S ADVICE
INT23_37	REASON FOR QUITTING: HEALTH CONCERNS
INT23_38	REASON FOR QUITTING: EXPENSES
INT23_39	REASON FOR QUITTING: PER FAMILY PRESSURE
INT23_75	REASON FOR QUITTING: OTHER
INT23_76	REASON FOR QUITTING: OTHER SPECIFY
INT23_68	HOURS EXPOSED TO THE SMOKE OF OTHERS/ DAY

ALCOHOL

INT23_40	EVER CONSUMED ALCOHOLIC BEVERAGES
INT23_41	WHEN WAS YOUR LAST DRINK
INT23_42	# OF MONTHS AGO
BEER_GLS	GLASS OF BEER (4 OZ)
BEER_TUM	TUMBLER OF BEER (8 OZ)
BEER_CB	CAN/BOTTLE OF BEER (12 OZ)
BEER_CAN	CAN OF BEER (16 OZ)
BEER_BOT	BOTTLE OF BEER (32-34 OZ)
BEER_40	BOTTLE OF BEER (40 OZ)
BEER_SUM	SUM OF THE OZ OF BEER
WINE_GLS	GLASS OF WINE (4 OZ)
WINE_TUM	TUMBLER OF WINE (8 OZ)
WINE_CB	CAN/BOTTLE OF WINE (12 OZ)
WINE_CAN	CAN OF WINE (16 OZ)
WINE_FIF	FIFTH OF WINE (26 OZ)
WINE_BOT	BOTTLE OF WINE (32-34 OZ)
WINE_JG1	JUG OF WINE 64 (.5 GAL)
WINE_JG2	JUG OF WINE 128 (1 GAL)
WINE_SUM	SUM OF THE OZ OF WINE
LIQ_SHOT	SHOT OF LIQUOR (1 OZ)
LIQ_JIGG	JIGGER OF LIQUOR (1.5 OZ)
LIQ_GLS	GLASS OF LIQUOR (4 OZ)

Personal Interview Form II

VARIABLE	LABEL
LIQ_TUM	TUMBLER OF LIQUOR (8 OZ)
LIQ_CB	CAN/BOTTLE OF LIQUOR (12 OZ)
LIQ_CAN	CAN OF LIQUOR (16 OZ)
LIQ_FIF	FIFTH OF LIQUOR (26 OZ)
LIQ_BOT	BOTTLE OF LIQUOR (32-34 OZ)
LIQ_JG1	JUG OF LIQUOR 64 (.5 GAL)
LIQ_JG2	JUG OF LIQUOR 128 (1 GAL)
LIQ_SUM	SUM OF THE OZ OF LIQUOR
INT23_43	TOTAL # OF DRINKS IN A TYPICAL WEEK
INT23_44	# DAYS PER MONTH HAVE AT LEAST ONE DRINK
INT23_45	AVERAGE # OF DRINKS ON DAYS WHEN YOU DO DRINK
INT23_46	WHEN MORE THAN USUAL, HOW MANY DRINKS
INT23_48	HOW MANY TIMES IN A MONTH
INT23_50	PAST MONTH ≥ 5 DRINKS
INT23_51	PAST YEAR ≥ 5 DRINKS
INT23_A	CONSUMED OTHER SUBSTANCE: MOUTH WASH
INT23_B	CONSUMED OTHER SUBSTANCE: COUGH SYRUP
INT23_C	CONSUMED OTHER SUBSTANCE: LYSOL
INT23_D	CONSUMED OTHER SUBSTANCE: HAIR SPRAY
INT23_E	CONSUMED OTHER SUBSTANCE: OTHER
INT23_F	CONSUMED OTHER SUBSTANCE: SPECIFY OTHER

ADMINISTRATIVE INFORMATION

INT23_49	HOW RELIABLE IS THE QUESTIONNAIRE
INT_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Medical History Form

VARIABLE	LABEL
IDNO	ID NUMBER
MEDICAL CONDITIONS	
MED3_1	HIGH BLOOD PRESSURE (HBP)
MED3_2	HBP AGE OF DIAGNOSIS
MED3_3	ARTHRITIS
MED3_4	FRACTURE ASSOCIATED W/OSTEOPOROSIS
MED3_4A	FRACTURE WHERE
MED3_5	RHEUMATIC HEART DISEASE
MED3_6	GALLSTONES
MED3_7	CANCER
MED3_7A	CANCER TYPE
MED3_8	DIABETES (DM)
MED3_9	DO YOU STILL HAVE DM NOW
MED3_10	DM AGE OF DIAGNOSIS
MED3_11	DM TREATMENT: INSULIN
MED3_12	DM TREATMENT: ORAL HYPOGLYCEMIC
MED3_13	DM TREATMENT: BY DIETARY CONTROL
MED3_14	DM TREATMENT: BY EXERCISE
MED3_15	DM TREATMENT: DO NOTHING
MED3_15B	DM TREATMENT: OTHER
MED315BL	DM TREATMENT: OTHER, SPECIFY
MED3_16	KIDNEY FAILURE
MED3_17	KIDNEY FAILURE ONE OR BOTH KIDNEYS WORKING WELL
MED3_18	KIDNEY FAILURE AGE OF DIAGNOSIS
MED3_19	RENAL DIALYSIS
MED3_20	KIDNEY TRANSPLANT
MED3_21	KIDNEY TRANSPLANT NEW KIDNEY WORKING WELL
MED3_22	KIDNEY TRANSPLANT WAITING FOR KIDNEY TRANSPLANT
MED3_23	CIRRHOSIS OF LIVER
LUNG PROBLEMS	
MED3_24	EMPHYSEMA
MED3_25	HAY FEVER
MED3_26	CHRONIC BRONCHITIS

Medical History Form

VARIABLE	LABEL
MED3_27	ASTHMA
MED3_28	STILL HAVE ASTHMA
HEART PROBLEMS	
MED3_29	HEART CATHETERIZATION
MED3_29D	HEART CATH DATE
MED3_29P	HEART CATH HOSPITAL/CLINIC
MED3_30	EXERCISE TEST/TREADMILL
MED3_30D	EXERCISE TEST DATE
MED3_30P	EXERCISE TEST HOSPITAL/CLINIC
MED3_31	CONGESTIVE HEART FAILURE
MED3_31D	CONGESTIVE HEART FAILURE DATE
MED3_31P	CONGESTIVE HEART FAILURE HOSPITAL/CLINIC
MED3_32	STILL HAVE HEART FAILURE NOW
MED3_33	HEART ATTACK
MED3_33D	HEART ATTACK DATE
MED3_33P	HEART ATTACK HOSPITAL/CLINIC
MED3_34	ANY OTHER HEART TROUBLE
MED3_34A	SPECIFY OTHER HEART TROUBLE
MED3_34D	OTHER HEART TROUBLE DATE
MED3_34P	OTHER HEART TROUBLE HOSPITAL/CLINIC
MED3_35	STROKE
MED3_35A	TYPE OF STROKE
MED3_35D	STROKE DATE
MED3_35P	STROKE HOSPITAL/CLINIC
MED3_36	HAVE YOU HAD CHEST SURGERY
MED3_37	WAS IT HEART SURGERY
MED3_38	BYPASS
MED3_38D	BYPASS DATE
MED3_38P	BYPASS HOSPITAL/CLINIC
MED3_39	VALVULAR REPAIR/REPLACEMENT
MED3_39D	VALVULAR REPAIR/REPLACE DATE
MED3_39P	VALVULAR REPAIR/REPLACE HOSPITAL/CLINIC
MED3_40	PACEMAKER

Medical History Form

VARIABLE	LABEL
MED3_40D	PACEMAKER DATE
MED3_40P	PACEMAKER HOSPITAL/CLINIC
MED3_41	OTHER HEART SURGERY
MED3_41A	SPECIFY OTHER HEART SURGERY
MED3_41D	OTHER HEART SURGERY DATE
MED3_41P	OTHER HEART SURGERY HOSPITAL/CLINIC
ACCESS TO MEDICAL CARE	
MED3_42A	IHS: RECEIVED CARE IN PAST 5 YEARS
MED3_42B	IHS: MAIN SOURCE OF CARE
MED3_42C	TRIBAL: RECEIVED CARE IN PAST 5 YEARS
MED3_42D	TRIBAL: MAIN SOURCE OF CARE
MED3_43A	PRIVATE FACILITY: RECEIVED CARE IN PAST 5 YEARS
MED3_43B	PRIVATE FACILITY: MAIN SOURCE OF CARE
MED3_44A	PRIVATE PRACTICE: RECEIVED CARE IN PAST 5 YEARS
MED3_44B	PRIVATE PRACTICE: MAIN SOURCE OF CARE
MED3_44C	TRADITIONAL HEALER: RECEIVED CARE IN PAST 5 YEARS
MED3_44D	TRADITIONAL HEALER: MAIN SOURCE OF CARE
MED3_45A	VA: RECEIVED CARE IN PAST 5 YEARS
MED3_45B	VA: MAIN SOURCE OF CARE
MED3_46A	HMO: RECEIVED CARE IN PAST 5 YEARS
MED3_46B	HMO: MAIN SOURCE OF CARE
MED3_47A	OTHER: RECEIVED CARE IN PAST 5 YEARS
MED3_47L	OTHER: SPECIFY RECEIVED CARE IN PAST 5 YEARS
MED3_47B	OTHER: MAIN SOURCE OF CARE
MED3_48A	NOWHERE: RECEIVED CARE IN PAST 5 YEARS
MED3_48B	NOWHERE: MAIN SOURCE OF CARE
MED3_49A	ADDITIONAL COVERAGE: NONE
MED3_49B	ADDITIONAL COVERAGE: PRIVATE INSURANCE
MED3_49C	ADDITIONAL COVERAGE: MEDICAID
MED3_49D	ADDITIONAL COVERAGE: MEDICARE
MED3_49E	ADDITIONAL COVERAGE: VA
MED3_49G	ADDITIONAL COVERAGE: HMO
MED3_49F	ADDITIONAL COVERAGE: OTHER

Medical History Form

VARIABLE	LABEL
MED3_49L	ADDITIONAL COVERAGE: SPECIFY OTHER
MED3_50	TRANSPORTATION TO HEALTH CARE
MED3_51	COST OF TRANSPORTATION
MED3_52	TRAVEL TIME TO HEALTH CARE
MED3_53	HOW ARE APPOINTMENTS MADE
MED3_57	HOW LONG WAIT TO BE SEEN
MED3_54	CAN YOU WALK IN
MED3_55	IF YES, HOW LONG TO BE SEEN
MED3_56	IF NO, HOW LONG TO GET ANOTHER APPOINTMENT
MED3_58	HOW MUCH DO YOU PAY FOR A VISIT
ADMINISTRATIVE INFORMATION	
MED_STAT	QUESTIONNAIRE COMPLETED
GENDER	GENDER OF PARTICIPANT
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Reproduction and Hormone Use Questionnaire

VARIABLE	LABEL
IDNO	ID NUMBER
REP3_1	STOPPED MENSTRUATING
REP3_2	STOPPED MENSTRUATING ONE YEAR AGO
REP3_3	MENOPAUSE NATURAL OR SURGERY/HORMONE
REP3_4	REMOVED UTERUS
REP3_5	AGE AT MENOPAUSE
REP3_6	USED ESTROGEN
REP3_7	STILL TAKING ESTROGEN
REP3_8	STOP ESTROGEN: CAUSED BLEEDING
REP3_9	STOP ESTROGEN: MADE BREASTS TENDER
REP3_10	STOP ESTROGEN: MADE ME FEEL BLOATED
REP3_11	STOP ESTROGEN: MADE ME FUNNY
REP3_12	STOP ESTROGEN: DO NOT LIKE TAKING ANY MEDICATION
REP3_13	STOP ESTROGEN: TOO EXPENSIVE
REP3_14	STOP ESTROGEN: DOCTOR'S ADVICE
REP3_15	STOP ESTROGEN: LONG TERM SIDE EFFECTS
REP3_16	STOP ESTROGEN: OTHER
REP3_16A	STOP ESTROGEN: SPECIFY OTHER
REP3_17	ESTROGEN USE: POST SURGERY
REP3_18	ESTROGEN USE: RELIEF OF MENOPAUSE
REP3_19	ESTROGEN USE: PREVENT BONE LOSS
REP3_20	ESTROGEN USE: PROTECT HEART DISEASE
REP3_21	ESTROGEN USE: DOCTOR'S ADVICE
REP3_22	AGE STARTED ESTROGEN
REP3_23	YEARS USED ESTROGEN
ADMINISTRATIVE INFORMATION	
RE3_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Rose Questionnaire for Angina and Intermittent Claudication

VARIABLE	LABEL
IDNO	ID NUMBER
CHEST PAIN ON EFFORT	
ROSE3_1	PAIN/DISCOMFORT IN CHEST
ROSE3_2	CHEST PAIN WALKING UPHILL
ROSE3_3	CHEST PAIN WALKING ORDINARY
ROSE3_4	RESPONSE TO CHEST PAIN WHEN WALKING
ROSE3_5	CHEST PAIN STANDING STILL
ROSE3_6	TIME TO CHEST PAIN RELIEF
ROSE3_7A	CHEST PAIN: STERNUM (UPPER OR MIDDLE)
ROSE3_7B	CHEST PAIN: STERNUM (LOWER)
ROSE3_7C	CHEST PAIN: LEFT ANTERIOR CHEST
ROSE3_7D	CHEST PAIN: LEFT ARM
ROSE3_7E	CHEST PAIN: OTHER
ROSE3_8	OTHER CHEST PAIN LOCATION
ROSE3_8A	ADDITIONAL INFORMATION ABOUT CHEST PAIN
POSSIBLE INFARCTION	
ROSE3_9	FRONT CHEST PAIN \geq30 MIN
INTERMITTENT CLAUDICATION	
ROSE3_10	LEG PAIN WALKING
ROSE3_11	LEG PAIN WHEN STILL
ROSE3_12	LEG PAIN LOCATION
ROSE3_12A	LEG PAIN LOCATION, IF CALVES NOT MENTIONED, SPECIFY
ROSE3_13	LEG PAIN WALKING UPHILL
ROSE3_14	LEG PAIN WALKING ORDINARY
ROSE3_15	LEG PAIN RELIEVED WHEN WALKING
ROSE3_16	RESPONSE TO LEG PAIN WHEN WALKING
ROSE3_17	LEG PAIN STANDING STILL
ROSE3_18	TIME TO LEG PAIN RELIEF
ADMINISTRATIVE INFORMATION	
RS3_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Sleep Habits Questionnaire

VARIABLE	LABEL
IDNO	SHS ID NUMBER
DATE02	DATE FORM FILLED OUT
TFAWDH02	FALL ASLEEP WEEKDAY HOUR
TFAWDM02	FALL ASLEEP WEEKDAY MINUTE
TFAWDA02	FALL ASLEEP WEEKDAY AM/PM
TFAWEH02	FALL ASLEEP WEEKEND HOUR
TFAWEM02	FALL ASLEEP WEEKEND MINUTE
TFAWEA02	FALL ASLEEP WEEKEND AM/PM
MI2SLP02	NUMBER OF MINUTES TO FALL ASLEEP
TWUWDH02	WAKE UP WEEKDAY HOUR
TWUWDM02	WAKE UP WEEKDAY MINUTE
TWUWDA02	WAKE UP WEEKDAY AM/PM
HRSWD02	HOURS OF SLEEP WEEKDAYS
HRSWE02	HOURS OF SLEEP WEEKENDS
NAPS02	NUMBER OF NAPS/WEEK
TFA02	TROUBLE FALLING ASLEEP
WUDNRS02	WAKE UP DURING NIGHT
WU2EM02	WAKE UP TOO EARLY IN THE MORNING
FUNRES02	FEEL UNRESTED
SLEEPY02	FEEL EXCESSIVELY SLEEPY
NGES02	NOT ENOUGH SLEEP
TKPILL02	TAKE SLEEPING PILLS
HVSNRD02	SNORE
HOSNR02	SNORE HOW OFTEN
LOUDSN02	SNORE HOW LOUD
YRSSNR02	NUMBER OF YEARS SNORING
ISSNOR02	SNORING INCREASING/DECREASING
SURGTR02	SNORING TREATMENT
STPBRT02	STOP BREATHING DURING SLEEP
HOSTBR02	STOP BREATHING HOW OFTEN
MDSA02	SLEEP APNEA
CPAP02	WEAR A CPAP FOR SLEEP APNEA
SURGSA02	SURGERY FOR SLEEP APNEA

Sleep Habits Questionnaire

VARIABLE	LABEL
O2THPY02	OXYGEN DURING SLEEP
COUGH02	AWAKENED BY COUGHING OR WHEEZING
CP02	AWAKENED BY CHEST PAIN OR TIGHTNESS?
SOB02	AWAKENED BY SHORTNESS OF BREATH?
SWEATS02	AWAKENED BY SWEATS OR HOT FLASHES
NOISE02	AWAKENED BY NOISE IN YOUR SURROUNDINGS
PAINJT02	AWAKENED BY PAIN IN YOUR JOINTS
HB02	AWAKENED BY HEARTBURN OR INDIGESTION
LEGCRP02	AWAKENED BY LEG CRAMPS OR LEG JERKS?
NEEDBR02	AWAKENED BY NEED TO GO TO THE BATHROOM
MEMBHH02	FAMILY MEMBERS NEAR YOUR ROOM WHILE SLEEPING
SITRD02	DOZE OFF WHILE SITTING AND READING?
WATV02	DOZE OFF WHILE WATCHING TV?
SITPUB02	DOZE OFF WHILE SITTING IN A PUBLIC SPACE
PGRCAR02	DOZE OFF WHILE A PASSENGER IN A CAR
LYDWN02	DOZE OFF WHILE LYING DOWN
SITTLK02	DOZE OFF WHILE SITTING AND TALKING TO SOMEONE
SITLCH02	DOZE OFF AFTER LUNCH WITHOUT ALCOHOL
INCAR02	DOZE OFF IN A CAR, WHILE STOPPED
ATTABL02	DOZE OFF AT THE DINNER TABLE?
DRIVE02	DOZE OFF WHILE DRIVING?
ADMINISTRATIVE INFORMATION	
WHOADM02	LANGUAGE OF INTERVIEW
INTID02	INTERVIEWER'S CODE
INTDT02	INTERVIEW DATE
CENTER	SHS SITE

Physical Examination

VARIABLE	LABEL
IDNO	ID NUMBER
TOBACCO, CAFFEINE, AND ALCOHOL USE	
EX3_1	TOBACCO IN LAST 4 HOURS
EX3_2	LAST USE IN TOBACCO (HRS)
EX3_3	LAST USE IN TOBACCO (MIN)
EX3_4	HOW MANY ALCOHOLIC DRINKS PAST 24 HRS
EX3_5	PHYSICAL ACTIVITY PAST 24 HRS
EX3_6	CAFFEINE IN LAST 4 HRS
EX3_7	LAST USE IN CAFFEINE (HRS)
EX3_8	LAST USE IN CAFFEINE (MIN)
EXAMINATION OF EXTREMITIES FOR AMPUTATIONS	
EX3_9	EXTREMITIES MISSING
EX3_10	RIGHT ARM: MISSING
EX3_11	RIGHT ARM: CAUSE
EX3_11A	RIGHT ARM: OTHER CAUSE
EX3_12	RIGHT HAND: MISSING
EX3_13	RIGHT HAND: CAUSE
EX3_13A	RIGHT HAND: OTHER CAUSE
EX3_14	RIGHT FINGER(S): MISSING
EX3_15	RIGHT FINGER(S): HOW MANY
EX3_16	RIGHT FINGER(S): CAUSE
EX3_16A	RIGHT FINGER(S): OTHER CAUSE
EX3_17	LEFT ARM: MISSING
EX3_18	LEFT ARM: CAUSE
EX3_18A	LEFT ARM: OTHER CAUSE
EX3_19	LEFT HAND: MISSING
EX3_20	LEFT HAND: CAUSE
EX3_20A	LEFT HAND: OTHER CAUSE
EX3_21	LEFT FINGER(S): MISSING
EX3_22	LEFT FINGER(S): HOW MANY
EX3_23	LEFT FINGER(S): CAUSE
EX3_23A	LEFT FINGER(S): OTHER CAUSE
EX3_24	RIGHT LEG ABOVE KNEE: MISSING

Physical Examination

VARIABLE	LABEL
EX3_25	RIGHT LEG ABOVE KNEE: CAUSE
EX3_25A	RIGHT LEG ABOVE KNEE: OTHER CAUSE
EX3_26	RIGHT LEG BELOW KNEE: MISSING
EX3_27	RIGHT LEG BELOW KNEE: CAUSE
EX3_27A	RIGHT LEG BELOW KNEE: OTHER CAUSE
EX3_28	RIGHT FOOT: MISSING
EX3_29	RIGHT FOOT: CAUSE
EX3_29A	RIGHT FOOT: OTHER CAUSE
EX3_30	RIGHT TOE(S): MISSING
EX3_31	RIGHT TOE(S): HOW MANY
EX3_32	RIGHT TOE(S): CAUSE
EX3_32A	RIGHT TOE(S): OTHER CAUSE
EX3_33	LEFT LEG ABOVE KNEE: MISSING
EX3_34	LEFT LEG ABOVE KNEE: CAUSE
EX3_34A	LEFT LEG ABOVE KNEE: OTHER CAUSE
EX3_35	LEFT LEG BELOW KNEE: MISSING
EX3_36	LEFT LEG BELOW KNEE: CAUSE
EX3_36A	LEFT LEG BELOW KNEE: OTHER CAUSE
EX3_37	LEFT FOOT: MISSING
EX3_38	LEFT FOOT: CAUSE
EX3_38A	LEFT FOOT: OTHER CAUSE
EX3_39	LEFT TOE(S): MISSING
EX3_40	LEFT TOE(S): HOW MANY
EX3_41	LEFT TOE(S): CAUSE
EX3_41A	LEFT TOE(S): OTHER CAUSE
BLOOD PRESSURE	
EX3_42	RIGHT ARM CIRCUMFERENCE (CM)
EX3_43	CUFF SIZE
EX3_44	PULSE OBLITERATION PRESSURE
EX3_45	SYSTOLIC: 1ST BP
EX3_46	DIASTOLIC: 1ST BP
EX3_47	SYSTOLIC: 2ND BP
EX3_48	DIASTOLIC: 2ND BP

Physical Examination

VARIABLE	LABEL
EX3_49	SYSTOLIC: 3RD BP
EX3_50	DIASTOLIC: 3RD BP
EX3_51	BP NOT FROM RIGHT ARM
EX3_51A	BP NOT FROM RIGHT ARM SPECIFY
EX3_52	RECORDER ID FOR BP MEASUREMENT
GIRTH MEASUREMENTS	
EX3_53	HEIGHT STANDING (CM)
EX3_54	HEIGHT STANDING (IN)
EX3_55	WEIGHT (KG)
EX3_56	WEIGHT (LB)
EX3_57	HIP CIRCUMFERENCE STANDING (CM)
EX3_58	HIP CIRCUMFERENCE STANDING (IN)
EX3_59	WAIST SUPINE (CM)
EX3_60	WAIST SUPINE (IN)
PEDAL PULSES AND EDEMA	
EX3_61	RIGHT POSTERIOR TIBIAL PULSE
EX3_62	RIGHT DORSALIS PEDIS PULSE
EX3_63	LEFT POSTERIOR TIBIAL PULSE
EX3_64	LEFT DORSALIS PEDIS PULSE
EX3_65	PEDAL EDEMA
IMPEDANCE MEASUREMENT	
EX3_70	IMPEDANCE TAKEN
EX3_70A	IMPEDANCE NOT TAKEN REASON
EX3_68	IMPEDANCE TAKEN ON LEFT SIDE
EX3_69	IMPEDANCE TAKEN ON LEFT SIDE REASON
EX3_66	RESISTANCE
EX3_67	REACTANCE
DOPPLER BLOOD PRESSURE	
EX3_71	RIGHT ARM: 1ST DOPPLER BP
EX3_72	RIGHT ANKLE: 1ST DOPPLER BP
EX3_73	LEFT ANKLE: 1ST DOPPLER BP
EX3_74	RIGHT ARM: 2ND DOPPLER BP
EX3_75	RIGHT ANKLE: 2ND DOPPLER BP

Physical Examination

VARIABLE	LABEL
EX3_76	LEFT ANKLE: 2ND DOPPLER BP
EX3_77	RIGHT ANKLE DOPPLER LOCATION
EX3_78	LEFT ANKLE DOPPLER LOCATION
EX3_84	ECG PERFORMED
BREATH CO	
EX3_85	BREATH CO DONE
EX3_79	AMBIENT CO
EX3_80	CO [PPM]: 1ST
EX3_81	CO [PPM]: 2ND
EX3_82	CO [PPM]: 3RD
EX3_83	CO [PPM]: 4TH
ADMINISTRATIVE INFORMATION	
EX3_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Diabetic Foot Screen

VARIABLE	LABEL
IDNO	ID NUMBER
FOOT3_1A	RIGHT FOOT ULCER
FOOT3_1B	LEFT FOOT ULCER
FOOT3_2	HISTORY OF FOOT ULCER
FOOT3_3	FOOT NUMB
FOOT3_4A	RT. TOP
FOOT3_4B	RT. LARGE TOE
FOOT3_4C	RT. MIDDLE TOE
FOOT3_4D	RT. SMALL TOE
FOOT3_4E	RT. SOLE FRONT
FOOT3_4F	RT. SOLE RIGHT
FOOT3_4G	RT. SOLE LEFT
FOOT3_4H	RT. SOLE BACK RIGHT
FOOT3_4I	RT. SOLE BACK LEFT
FOOT3_4J	RT. HEEL
FOOT3_5	UNABLE TO MEASURE DUE TO MEDICAL REASONS
FOOT3_6	MEASURE ON LEFT FOOT
FOOT3_6A	REASON FOR MEASURE ON LEFT FOOT
FOOT3_7A	NUMBER OF POSITIVE ANSWERS
FOOT3_7B	NUMBER OF SITES TESTED
ADMINISTRATIVE INFORMATION	
FT3_STAT	WHETHER PARTICIPANT COMPLETE THE FORM
INT_CODE	EXAMED BY
INT_DATE	EXAM DATE
CENTER	CENTER

Quality of Life (SF-36)

VARIABLE	LABEL
IDNO	ID NUMBER
QUA3_0	QUESTIONNAIRE COMPLETED
QUA3_1	HEALTH IN GENERAL
QUA3_2	HEALTH NOW COMPARED TO ONE YEAR AGO
QUA3_3	VIGOROUS ACTIVITIES
QUA3_4	MODERATE ACTIVITIES
QUA3_5	LIFTING OR CARRYING
QUA3_6	CLIMBING SEVERAL STAIRS
QUA3_7	CLIMBING ONE FLIGHT
QUA3_8	BENDING, KNEELING, STOOPING
QUA3_9	WALKING MORE THAN 1 MILE
QUA3_10	WALKING SEVERAL BLOCKS
QUA3_11	WALKING ONE BLOCK
QUA3_12	BATHING OR DRESSING YOURSELF
QUA3_13	CUT DOWN ON WORK OR ACTIVITIES DUE TO PHYSICAL HEALTH
QUA3_14	ACCOMPLISH LESS DUE TO PHYSICAL HEALTH
QUA3_15	LIMITED IN TYPE OF WORK DUE TO PHYSICAL HEALTH
QUA3_16	DIFFICULTY PERFORMING WORK OR ACTIVITIES DUE TO PHYSICAL HEALTH
QUA3_17	CUT DOWN ON WORK OR ACTIVITIES DUE TO EMOTIONAL PROBLEMS
QUA3_18	ACCOMPLISH LESS DUE TO EMOTIONAL PROBLEMS
QUA3_19	DIDN'T DO WORK OR ACTIVITIES CAREFULLY DUE TO EMOTIONAL PROBLEMS
QUA3_20	HEALTH INTERFERED WITH ACTIVITIES WITH FAMILY/FRIENDS
QUA3_21	BODILY PAIN DURING PAST 4 WEEKS
QUA3_22	PAIN INTERFERE WITH NORMAL WORK
QUA3_23	FULL OF PEP
QUA3_24	BEEN NERVOUS
QUA3_25	FELT DOWN IN THE DUMPS
QUA3_26	FELT CALM AND PEACEFUL
QUA3_27	HAD A LOT OF ENERGY
QUA3_28	FEEL DOWNHEARTED AND BLUE
QUA3_29	FEEL WORN OUT

Quality of Life (SF-36)

VARIABLE	LABEL
QUA3_30	BEEN A HAPPY PERSON
QUA3_31	FEEL TIRED
QUA3_32	PHYSICAL HEALTH & EMOTIONAL PROBLEMS INTERFERE WITH SOCIAL ACTIVITY
QUA3_33	GET SICKER THAN OTHER PEOPLE
QUA3_34	AS HEALTHY AS ANYBODY I KNOW
QUA3_35	EXPECT MY HEALTH TO GET WORSE
QUA3_36	HEALTH IS EXCELLENT
ADMINISTRATIVE INFORMATION	
QUA3_37	LANGUAGE THE INTERVIEW CONDUCTED
QUA3_37A	LANGUAGE THE INTERVIEW CONDUCTED SPECIFY
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Gambling Questionnaire

VARIABLE	LABEL
IDNO	SHS ID NUMBER
GAM3_1	WORK AT A CASINO/BINGO PARLOR
GAM3_2A	GAMBLING EFFECTS: TRIBAL GOVERNMENT
GAM3_2B	GAMBLING EFFECTS: TRIBAL PEOPLE
GAM3_2C	GAMBLING EFFECTS: YOU PERSONALLY
GAM3_3	SLOT MACHINES
GAM3_4	FREQUENCY OF PLAYING SLOT MACHINES
GAM3_5	LOTTERY
GAM3_6	FREQUENCY OF PLAYING LOTTERY
GAM3_7	BINGO
GAM3_8	FREQUENCY OF PLAYING BINGO
GAM3_9	CARD GAMES
GAM3_10	FREQUENCY OF PLAYING CARD GAMES
GAM3_11	OTHER GAMBLING
GAM3_11A	SPECIFY OTHER GAMBLING
GAM3_12	FREQUENCY OF OTHER GAMBLING
GAM3_13	LOST MORE THAN WON IN THE PAST YEAR
GAM3_14	ATTEMPTS TO STOP GAMBLING IN THE PAST YEAR
GAM3_15	SUCCESSFUL OF STOPPING GAMBLING
GAM3_16	NEED TO BORROW MONEY TO PAY BASIC LIVING
GAM3_17	ALCOHOL DRINKING DURING GAMBLING DAY
GAM3_18	LARGEST AMOUNT BEEN WAGERED IN THE PAST
ADMINISTRATIVE INFORMATION	
GAM3_STAT	WHETHER PARTICIPANT COMPLETE THE FORM
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Nutritional Data

VARIABLE	LABEL
IDNO	SHS ID
S3DATE	SHS3 DIETARY RECORD DATE
S3KCAL	SHS3 DIETARY ENERGY (kcal)
S3TOTALFAT	SHS3 DIETARY TOTAL FAT (gm)
S3CARB	SHS3 DIETARY TOTAL CARBOHYDRATE (gm)
S3PROTEIN	SHS3 DIETARY PROTEIN (gm)
S3ANIMPROT	SHS3 DIETARY ANIMAL PROTEIN (gm)
S3VEGPROT	SHS3 DIETARY VEGETABLE PROTEIN (gm)
S3ALCOHOL	SHS3 DIETARY ALCOHOL (gm)
S3CHOLEST	SHS3 DIETARY CHOLESTEROL (gm)
S3TSFA	SHS3 TOTAL SATURATED FATTY ACID (SFA) (gm)
S3FRUCTOSE	SHS3 DIETARY FRUCTOSE (gm)
S3GALACTOSE	SHS3 DIETARY GALACTOSE (gm)
S3GLUCOSE	SHS3 DIETARY GLUCOSE (gm)
S3LACTOSE	SHS3 DIETARY LACTOSE (gm)
S3SUCROSE	SHS3 DIETARY SUCROSE (gm)
S3STARCH	SHS3 DIETARY STARCH (gm)
S3FIBER	SHS3 TOTAL DIETARY FIBER (gm)
S3SOLUFIB	SHS3 WATER SOLUBLE DIETARY FIBER (gm)
S3INSFIBER	SHS3 INSOLUBLE DIETARY FIBER (gm)
S3PECTINS	SHS3 DIETARY PECTINS (gm)
S3VITAA	SHS3 DIETARY TOTAL VITAMIN A (mcg RE)
S3RETINOL	SHS3 DIETARY RETINOL (mcg)
S3VITAD	SHS3 DIETARY VITAMIN D (mcg)
S3VITAE	SHS3 TOTAL VITAMIN E ACTIVITY (mg)
S3ALPHATOC	SHS3 DIETARY ALPHA-TOCOPHEROL (mg)
S3BETATOC	SHS3 DIETARY BETA-TOCOPHEROL (mg)
S3GAMMATOC	SHS3 DIETARY GAMMA-TOCOPHEROL (mg)
S3DELTATOC	SHS3 DIETARY DELTA-TOCOPHEROL (mg)
S3VITAC	SHS3 DIETARY VITAMIN C (mg)
S3THIAMIN	SHS3 DIETARY THIAMIN (mg)
S3RIBOFLAV	SHS3 DIETARY RIBOFLAVIN (mg)
S3NIACIN	SHS3 DIETARY NIACIN (mg)

Nutritional Data

VARIABLE	LABEL
S3PANTOTHE	SHS3 DIETARY PANTOTHENIC ACID (mg)
S3B6	SHS3 DIETARY VITAMIN B6 (mg)
S3FOL	SHS3 DIETARY FOLACIN (mcg)
S3B12	SHS3 DIETARY VITAMIN B12 (mcg)
S3CALCIUM	SHS3 DIETARY CALCIUM (mg)
S3PHOSPH	SHS3 DIETARY PHOSPHOROUS (mg)
S3MAGNESIUM	SHS3 DIETARY MAGNESIUM (mg)
S3IRON	SHS3 DIETARY IRON (mg)
S3ZINC	SHS3 DIETARY ZINC (mg)
S3COPPER	SHS3 DIETARY COPPER (mg)
S3SELENIUM	SHS3 DIETARY SELENIUM (mcg)
S3SODIUM	SHS3 DIETARY SODIUM (mg)
S3POTASSIUM	SHS3 DIETARY POTASSIUM (mg)
S3SFA4	SHS3 DIETARY SFA - BUTYRIC ACID (gm)
S3SFA6	SHS3 DIETARY SFA - CAPROIC ACID (gm)
S3SFA8	SHS3 DIETARY SFA - CAPRYLIC ACID (gm)
S3SFA10	SHS3 DIETARY SFA - CAPRIC ACID (gm)
S3SFA12	SHS3 DIETARY SFA - LAURIC ACID (gm)
S3SFA14	SHS3 DIETARY SFA - MYRISTIC ACID (gm)
S3SFA16	SHS3 DIETARY SFA - PALMITIC ACID (gm)
S3SFA17	SHS3 DIETARY SFA - MARGARIC ACID (gm)
S3SFA18	SHS3 DIETARY SFA - STEARIC ACID (gm)
S3SFA20	SHS3 DIETARY SFA - ARACHIDIC ACID (gm)
S3SFA22	SHS3 DIETARY SFA - BEHENIC ACID (gm)
S3MFA141	SHS3 DIETARY MUFA - MYRISTOLEIC ACID (gm)
S3MFA161	SHS3 DIETARY MUFA - PALMITOLEIC ACID (gm)
S3MFA181	SHS3 DIETARY MUFA - OLEIC ACID (gm)
S3MFA201	SHS3 DIETARY MUFA - GADOLEIC ACID (gm)
S3MFA221	SHS3 DIETARY MUFA - ERUCIC ACID (gm)
S3PFA182	SHS3 PUFA - LINOLEIC ACID (gm)
S3PFA183	SHS3 PUFA - LINOLENIC ACID (w-3) (gm)
S3PFA184	SHS3 PUFA - PARINARIC ACID (w-3) (gm)
S3PFA204	SHS3 PUFA - ARACHIDONIC ACID (gm)

Nutritional Data

VARIABLE	LABEL
S3PFA205	SHS3 PUFA - EICOSAPENTAENOIC ACID(w-3)(gm)
S3PFA225	SHS3 PUFA - DOCOSAPENTAENOIC ACID(w-3)(gm)
S3PFA226	SHS3 PUFA - DOCOSAHEXAENOIC ACID(w-3)(gm)
S3PFA_SFA	SHS3 TOTAL PUFA TO TOTAL SFA RATIO
S3CHOL_SFA	SHS3 CHOLESTEROL TO SFA INDEX
S3TRYPTOPH	SHS3 DIETARY TRYPTOPHAN (gm)
S3THREONINE	SHS3 DIETARY THREONINE (gm)
S3ISOLEUCINE	SHS3 DIETARY ISOLEUCINE (gm)
S3LEUCINE	SHS3 DIETARY LEUCINE (gm)
S3LYSINE	SHS3 DIETARY LYSINE (gm)
S3METHIONINE	SHS3 DIETARY METHIONINE (gm)
S3CYSTINE	SHS3 DIETARY CYSTINE (gm)
S3PHENYLA	SHS3 DIETARY PHENYLALANINE (gm)
S3TYROSINE	SHS3 DIETARY TYROSINE (gm)
S3VALINE	SHS3 DIETARY VALINE (gm)
S3ARGININE	SHS3 DIETARY ARGININE (gm)
S3HISTIDINE	SHS3 DIETARY HISTIDINE (gm)
S3ALANINE	SHS3 DIETARY ALANINE (gm)
S3ASPARTIC	SHS3 DIETARY ASPARTIC ACID (gm)
S3GLUTAMIC	SHS3 DIETARY GLUTAMMIC ACID (gm)
S3GLYCINE	SHS3 DIETARY GLYCINE (gm)
S3PROLINE	SHS3 DIETARY PROLINE (gm)
S3SERINE	SHS3 DIETARY SERINE (gm)
S3ASPARTAME	SHS3 DIETARY ASPARTAME (mg)
S3SACCHARIN	SHS3 DIETARY SACCHARIN (mg)
S3CAFFEINE	SHS3 DIETARY CAFFEINE (mg)
S3ASH	SHS3 DIETARY ASH (gm)
S3WATER	SHS3 DIETARY WATER (gm)
S3PFAT	SHS3 DIETARY % CALORIES FROM FAT
S3PCARB	SHS3 DIETARY % CALORIES FROM CARBOHYDRATES
S3PPROT	SHS3 DIETARY % CALORIES FROM PROTEIN
S3PALCOHOL	SHS3 DIETARY % CALORIES FROM ALCOHOL
S3PSFA	SHS3 DIETARY % CALORIES FROM SFA

Nutritional Data

VARIABLE	LABEL
S3PMFA	SHS3 DIETARY % CALORIES FROM MUFA
S3PPFA	SHS3 DIETARY % CALORIES FROM PUFA
CENTER	SHS Site

12-Lead Electrocardiograms

VARIABLE	LABEL
IDNO	ID NUMBER
ID	ID NUMBER
DATETIME	DATE/TIME
HR3	HEART RATE
PR3	PR INTERVAL
QRS3	QRS DURATION
QTC3	QTC INTERVAL
PAX3	P AXIS
QRSAX3	QRS AXIS
QT3	QT INTERVAL
TAX3	T WAVE AXIS
PDUR3	P DURATION
PCA23	PCA RATIO (PRINCIPLE COMPONENT RATIO)
QTE_GLO3	Q TO T-END INTERVAL GLOBAL (ALL 12 LEADS)
QTE_PRE3	Q TO T-END INTERVAL PRECORDIAL LEADS (V LEADS)
QTP_GLO3	Q TO T-PEAK INTERVAL GLOBAL
QTP_PRE3	Q TO T-PEAK INTERVAL PRECORDIAL LEADS
QA_I3	Q WAVE AMPLITUDE LEAD I
QA_II3	Q WAVE AMPLITUDE LEAD II
QA_III3	Q WAVE AMPLITUDE LEAD III
QA_AVF3	Q WAVE AMPLITUDE LEAD AVF
QA_AVL3	Q WAVE AMPLITUDE LEAD AVL
QA_AVR3	Q WAVE AMPLITUDE LEAD AVR
QA_V13	Q WAVE AMPLITUDE LEAD V1
QA_V23	Q WAVE AMPLITUDE LEAD V2
QA_V33	Q WAVE AMPLITUDE LEAD V3
QA_V43	Q WAVE AMPLITUDE LEAD V4
QA_V53	Q WAVE AMPLITUDE LEAD V5
QA_V63	Q WAVE AMPLITUDE LEAD V6
QD_I3	Q WAVE DURATION LEAD I
QD_II3	Q WAVE DURATION LEAD II
QD_III3	Q WAVE DURATION LEAD III
QD_AVF3	Q WAVE DURATION LEAD AVF

12-Lead Electrocardiograms

VARIABLE	LABEL
QD_AVL3	Q WAVE DURATION LEAD AVL
QD_AVR3	Q WAVE DURATION LEAD AVR
QD_V13	Q WAVE DURATION LEAD V1
QD_V23	Q WAVE DURATION LEAD V2
QD_V33	Q WAVE DURATION LEAD V3
QD_V43	Q WAVE DURATION LEAD V4
QD_V53	Q WAVE DURATION LEAD V5
QD_V63	Q WAVE DURATION LEAD V6
BMQAR_I3	Q WAVE AREA LEAD I
BMQAR_II3	Q WAVE AREA LEAD II
BMQAR_III3	Q WAVE AREA LEAD III
BMQAR_AVF3	Q WAVE AREA LEAD AVF
BMQAR_AVL3	Q WAVE AREA LEAD AVL
BMQAR_AVR3	Q WAVE AREA LEAD AVR
BMQAR_V13	Q WAVE AREA LEAD V1
BMQAR_V23	Q WAVE AREA LEAD V2
BMQAR_V33	Q WAVE AREA LEAD V3
BMQAR_V43	Q WAVE AREA LEAD V4
BMQAR_V53	Q WAVE AREA LEAD V5
BMQAR_V63	Q WAVE AREA LEAD V6
RA_I3	R WAVE AMPLITUDE LEAD I
RA_II3	R WAVE AMPLITUDE LEAD II
RA_III3	R WAVE AMPLITUDE LEAD III
RA_AVF3	R WAVE AMPLITUDE LEAD AVF
RA_AVL3	R WAVE AMPLITUDE LEAD AVL
RA_AVR3	R WAVE AMPLITUDE LEAD AVR
RA_V13	R WAVE AMPLITUDE LEAD V1
RA_V23	R WAVE AMPLITUDE LEAD V2
RA_V33	R WAVE AMPLITUDE LEAD V3
RA_V43	R WAVE AMPLITUDE LEAD V4
RA_V53	R WAVE AMPLITUDE LEAD V5
RA_V63	R WAVE AMPLITUDE LEAD V6
RD_I3	R WAVE DURATION LEAD I

12-Lead Electrocardiograms

VARIABLE	LABEL
RD_II3	R WAVE DURATION LEAD II
RD_III3	R WAVE DURATION LEAD III
RD_AVF3	R WAVE DURATION LEAD AVF
RD_AVL3	R WAVE DURATION LEAD AVL
RD_AVR3	R WAVE DURATION LEAD AVR
RD_V13	R WAVE DURATION LEAD V1
RD_V23	R WAVE DURATION LEAD V2
RD_V33	R WAVE DURATION LEAD V3
RD_V43	R WAVE DURATION LEAD V4
RD_V53	R WAVE DURATION LEAD V5
RD_V63	R WAVE DURATION LEAD V6
BMRAR_I3	R WAVE AREA LEAD I
BMRAR_II3	R WAVE AREA LEAD II
BMRAR_III3	R WAVE AREA LEAD III
BMRAR_AVF3	R WAVE AREA LEAD AVF
BMRAR_AVL3	R WAVE AREA LEAD AVL
BMRAR_AVR3	R WAVE AREA LEAD AVR
BMRAR_V13	R WAVE AREA LEAD V1
BMRAR_V23	R WAVE AREA LEAD V2
BMRAR_V33	R WAVE AREA LEAD V3
BMRAR_V43	R WAVE AREA LEAD V4
BMRAR_V53	R WAVE AREA LEAD V5
BMRAR_V63	R WAVE AREA LEAD V6
SA_I3	S WAVE AMPLITUDE LEAD I
SA_II3	S WAVE AMPLITUDE LEAD II
SA_III3	S WAVE AMPLITUDE LEAD III
SA_AVF3	S WAVE AMPLITUDE LEAD AVF
SA_AVL3	S WAVE AMPLITUDE LEAD AVL
SA_AVR3	S WAVE AMPLITUDE LEAD AVR
SA_V13	S WAVE AMPLITUDE LEAD V1
SA_V23	S WAVE AMPLITUDE LEAD V2
SA_V33	S WAVE AMPLITUDE LEAD V3
SA_V43	S WAVE AMPLITUDE LEAD V4

12-Lead Electrocardiograms

VARIABLE	LABEL
SA_V53	S WAVE AMPLITUDE LEAD V5
SA_V63	S WAVE AMPLITUDE LEAD V6
PA_I3	P WAVE AMPLITUDE LEAD I
PA_II3	P WAVE AMPLITUDE LEAD II
PA_III3	P WAVE AMPLITUDE LEAD III
PA_AVF3	P WAVE AMPLITUDE LEAD AVF
PA_AVL3	P WAVE AMPLITUDE LEAD AVL
PA_AVR3	P WAVE AMPLITUDE LEAD AVR
PA_V13	P WAVE AMPLITUDE LEAD V1
PA_V23	P WAVE AMPLITUDE LEAD V2
PA_V33	P WAVE AMPLITUDE LEAD V3
PA_V43	P WAVE AMPLITUDE LEAD V4
PA_V53	P WAVE AMPLITUDE LEAD V5
PA_V63	P WAVE AMPLITUDE LEAD V6
PD_I3	P WAVE DURATION LEAD I
PD_II3	P WAVE DURATION LEAD II
PD_III3	P WAVE DURATION LEAD III
PD_AVF3	P WAVE DURATION LEAD AVF
PD_AVL3	P WAVE DURATION LEAD AVL
PD_AVR3	P WAVE DURATION LEAD AVR
PD_V13	P WAVE DURATION LEAD V1
PD_V23	P WAVE DURATION LEAD V2
PD_V33	P WAVE DURATION LEAD V3
PD_V43	P WAVE DURATION LEAD V4
PD_V53	P WAVE DURATION LEAD V5
PD_V63	P WAVE DURATION LEAD V6
BMPAR_I3	P WAVE AREA LEAD I
BMPAR_II3	P WAVE AREA LEAD II
BMPAR_III3	P WAVE AREA LEAD III
BMPAR_AVF3	P WAVE AREA LEAD AVF
BMPAR_AVL3	P WAVE AREA LEAD AVL
BMPAR_AVR3	P WAVE AREA LEAD AVR
BMPAR_V13	P WAVE AREA LEAD V1

12-Lead Electrocardiograms

VARIABLE	LABEL
BMPAR_V23	P WAVE AREA LEAD V2
BMPAR_V33	P WAVE AREA LEAD V3
BMPAR_V43	P WAVE AREA LEAD V4
BMPAR_V53	P WAVE AREA LEAD V5
BMPAR_V63	P WAVE AREA LEAD V6
SD_I3	S WAVE DURATION LEAD I
SD_II3	S WAVE DURATION LEAD II
SD_III3	S WAVE DURATION LEAD III
SD_AVF3	S WAVE DURATION LEAD AVF
SD_AVL3	S WAVE DURATION LEAD AVL
SD_AVR3	S WAVE DURATION LEAD AVR
SD_V13	S WAVE DURATION LEAD V1
SD_V23	S WAVE DURATION LEAD V2
SD_V33	S WAVE DURATION LEAD V3
SD_V43	S WAVE DURATION LEAD V4
SD_V53	S WAVE DURATION LEAD V5
SD_V63	S WAVE DURATION LEAD V6
BMSAR_I3	S WAVE AREA LEAD I
BMSAR_II3	S WAVE AREA LEAD II
BMSAR_III3	S WAVE AREA LEAD III
BMSAR_AVF3	S WAVE AREA LEAD AVF
BMSAR_AVL3	S WAVE AREA LEAD AVL
BMSAR_AVR3	S WAVE AREA LEAD AVR
BMSAR_V13	S WAVE AREA LEAD V1
BMSAR_V23	S WAVE AREA LEAD V2
BMSAR_V33	S WAVE AREA LEAD V3
BMSAR_V43	S WAVE AREA LEAD V4
BMSAR_V53	S WAVE AREA LEAD V5
BMSAR_V63	S WAVE AREA LEAD V6
RPA_I3	R PRIME AMPLITUDE LEAD I
RPA_II3	R PRIME AMPLITUDE LEAD II
RPA_III3	R PRIME AMPLITUDE LEAD III
RPA_AVF3	R PRIME AMPLITUDE LEAD AVF

12-Lead Electrocardiograms

VARIABLE	LABEL
RPA_AVL3	R PRIME AMPLITUDE LEAD AVL
RPA_AVR3	R PRIME AMPLITUDE LEAD AVR
RPA_V13	R PRIME AMPLITUDE LEAD V1
RPA_V23	R PRIME AMPLITUDE LEAD V2
RPA_V33	R PRIME AMPLITUDE LEAD V3
RPA_V43	R PRIME AMPLITUDE LEAD V4
RPA_V53	R PRIME AMPLITUDE LEAD V5
RPA_V63	R PRIME AMPLITUDE LEAD V6
RPD_I3	R PRIME DURATION LEAD I
RPD_II3	R PRIME DURATION LEAD II
RPD_III3	R PRIME DURATION LEAD III
RPD_AVF3	R PRIME DURATION LEAD AVF
RPD_AVL3	R PRIME DURATION LEAD AVL
RPD_AVR3	R PRIME DURATION LEAD AVR
RPD_V13	R PRIME DURATION LEAD V1
RPD_V23	R PRIME DURATION LEAD V2
RPD_V33	R PRIME DURATION LEAD V3
RPD_V43	R PRIME DURATION LEAD V4
RPD_V53	R PRIME DURATION LEAD V5
RPD_V63	R PRIME DURATION LEAD V6
BMRPAR_I3	R PRIME AREA LEAD I
BMRPAR_II3	R PRIME AREA LEAD II
BMRPAR_III3	R PRIME AREA LEAD III
BMRPAR_AVF3	R PRIME AREA LEAD AVF
BMRPAR_AVL3	R PRIME AREA LEAD AVL
BMRPAR_AVR3	R PRIME AREA LEAD AVR
BMRPAR_V13	R PRIME AREA LEAD V1
BMRPAR_V23	R PRIME AREA LEAD V2
BMRPAR_V33	R PRIME AREA LEAD V3
BMRPAR_V43	R PRIME AREA LEAD V4
BMRPAR_V53	R PRIME AREA LEAD V5
BMRPAR_V63	R PRIME AREA LEAD V6
SPA_I3	S PRIME AMPLITUDE LEAD I

12-Lead Electrocardiograms

VARIABLE	LABEL
SPA_I13	S PRIME AMPLITUDE LEAD I
SPA_I133	S PRIME AMPLITUDE LEAD III
SPA_AVF3	S PRIME AMPLITUDE LEAD AVF
SPA_AVL3	S PRIME AMPLITUDE LEAD AVL
SPA_AVR3	S PRIME AMPLITUDE LEAD AVR
SPA_V13	S PRIME AMPLITUDE LEAD V1
SPA_V23	S PRIME AMPLITUDE LEAD V2
SPA_V33	S PRIME AMPLITUDE LEAD V3
SPA_V43	S PRIME AMPLITUDE LEAD V4
SPA_V53	S PRIME AMPLITUDE LEAD V5
SPA_V63	S PRIME AMPLITUDE LEAD V6
SPD_I13	S PRIME DURATION LEAD I
SPD_I133	S PRIME DURATION LEAD III
SPD_AVF3	S PRIME DURATION LEAD AVF
SPD_AVL3	S PRIME DURATION LEAD AVL
SPD_AVR3	S PRIME DURATION LEAD AVR
SPD_V13	S PRIME DURATION LEAD V1
SPD_V23	S PRIME DURATION LEAD V2
SPD_V33	S PRIME DURATION LEAD V3
SPD_V43	S PRIME DURATION LEAD V4
SPD_V53	S PRIME DURATION LEAD V5
SPD_V63	S PRIME DURATION LEAD V6
BMSPAR_I13	S PRIME AREA LEAD I
BMSPAR_I133	S PRIME AREA LEAD III
BMSPAR_AVF3	S PRIME AREA LEAD AVF
BMSPAR_AVL3	S PRIME AREA LEAD AVL
BMSPAR_AVR3	S PRIME AREA LEAD AVR
BMSPAR_V13	S PRIME AREA LEAD V1
BMSPAR_V23	S PRIME AREA LEAD V2
BMSPAR_V33	S PRIME AREA LEAD V3
BMSPAR_V43	S PRIME AREA LEAD V4

12-Lead Electrocardiograms

VARIABLE	LABEL
BMSPAR_V53	S PRIME AREA LEAD V5
BMSPAR_V63	S PRIME AREA LEAD V6
STJ_I3	ST J POINT LEAD I
STJ_II3	ST J POINT LEAD II
STJ_III3	ST J POINT LEAD III
STJ_AVF3	ST J POINT LEAD AVF
STJ_AVL3	ST J POINT LEAD AVL
STJ_AVR3	ST J POINT LEAD AVR
STJ_V13	ST J POINT LEAD V1
STJ_V23	ST J POINT LEAD V2
STJ_V33	ST J POINT LEAD V3
STJ_V43	ST J POINT LEAD V4
STJ_V53	ST J POINT LEAD V5
STJ_V63	ST J POINT LEAD V6
STM_I3	ST M POINT LEAD I
STM_II3	ST M POINT LEAD II
STM_III3	ST M POINT LEAD III
STM_AVF3	ST M POINT LEAD AVF
STM_AVL3	ST M POINT LEAD AVL
STM_AVR3	ST M POINT LEAD AVR
STM_V13	ST M POINT LEAD V1
STM_V23	ST M POINT LEAD V2
STM_V33	ST M POINT LEAD V3
STM_V43	ST M POINT LEAD V4
STM_V53	ST M POINT LEAD V5
STM_V63	ST M POINT LEAD V6
STE_I3	ST E POINT LEAD I
STE_II3	ST E POINT LEAD II
STE_III3	ST E POINT LEAD III
STE_AVF3	ST E POINT LEAD AVF
STE_AVL3	ST E POINT LEAD AVL
STE_AVR3	ST E POINT LEAD AVR
STE_V13	ST E POINT LEAD V1

12-Lead Electrocardiograms

VARIABLE	LABEL
STE_V23	ST E POINT LEAD V2
STE_V33	ST E POINT LEAD V3
STE_V43	ST E POINT LEAD V4
STE_V53	ST E POINT LEAD V5
STE_V63	ST E POINT LEAD V6
TA_I3	T WAVE AMPLITUDE LEAD I
TA_II3	T WAVE AMPLITUDE LEAD II
TA_III3	T WAVE AMPLITUDE LEAD III
TA_AVF3	T WAVE AMPLITUDE LEAD AVF
TA_AVL3	T WAVE AMPLITUDE LEAD AVL
TA_AVR3	T WAVE AMPLITUDE LEAD AVR
TA_V13	T WAVE AMPLITUDE LEAD V1
TA_V23	T WAVE AMPLITUDE LEAD V2
TA_V33	T WAVE AMPLITUDE LEAD V3
TA_V43	T WAVE AMPLITUDE LEAD V4
TA_V53	T WAVE AMPLITUDE LEAD V5
TA_V63	T WAVE AMPLITUDE LEAD V6
TD_I3	T WAVE DURATION LEAD I
TD_II3	T WAVE DURATION LEAD II
TD_III3	T WAVE DURATION LEAD III
TD_AVF3	T WAVE DURATION LEAD AVF
TD_AVL3	T WAVE DURATION LEAD AVL
TD_AVR3	T WAVE DURATION LEAD AVR
TD_V13	T WAVE DURATION LEAD V1
TD_V23	T WAVE DURATION LEAD V2
TD_V33	T WAVE DURATION LEAD V3
TD_V43	T WAVE DURATION LEAD V4
TD_V53	T WAVE DURATION LEAD V5
TD_V63	T WAVE DURATION LEAD V6
BMTAR_I3	T WAVE AREA LEAD I
BMTAR_II3	T WAVE AREA LEAD II
BMTAR_III3	T WAVE AREA LEAD III
BMTAR_AVF3	T WAVE AREA LEAD AVF

12-Lead Electrocardiograms

VARIABLE	LABEL
BMTAR_AVL3	T WAVE AREA LEAD AVL
BMTAR_AVR3	T WAVE AREA LEAD AVR
BMTAR_V13	T WAVE AREA LEAD V1
BMTAR_V23	T WAVE AREA LEAD V2
BMTAR_V33	T WAVE AREA LEAD V3
BMTAR_V43	T WAVE AREA LEAD V4
BMTAR_V53	T WAVE AREA LEAD V5
BMTAR_V63	T WAVE AREA LEAD V6
J40_I3	ST J+40 LEAD I
J40_II3	ST J+40 LEAD II
J40_III3	ST J+40 LEAD III
J40_AVF3	ST J+40 LEAD AVF
J40_AVL3	ST J+40 LEAD AVL
J40_AVR3	ST J+40 LEAD AVR
J40_V13	ST J+40 LEAD V1
J40_V23	ST J+40 LEAD V2
J40_V33	ST J+40 LEAD V3
J40_V43	ST J+40 LEAD V4
J40_V53	ST J+40 LEAD V5
J40_V63	ST J+40 LEAD V6
J60_I3	ST J+60 LEAD I
J60_II3	ST J+60 LEAD II
J60_III3	ST J+60 LEAD III
J60_AVF3	ST J+60 LEAD AVF
J60_AVL3	ST J+60 LEAD AVL
J60_AVR3	ST J+60 LEAD AVR
J60_V13	ST J+60 LEAD V1
J60_V23	ST J+60 LEAD V2
J60_V33	ST J+60 LEAD V3
J60_V43	ST J+60 LEAD V4
J60_V53	ST J+60 LEAD V5
J60_V63	ST J+60 LEAD V6
J80_I3	ST J+80 LEAD I

12-Lead Electrocardiograms

VARIABLE	LABEL
J80_II3	ST J+80 LEAD II
J80_III3	ST J+80 LEAD III
J80_AVF3	ST J+80 LEAD AVF
J80_AVL3	ST J+80 LEAD AVL
J80_AVR3	ST J+80 LEAD AVR
CENTER	SHS SITE

Carotid Arteries

VARIABLE	LABEL
IDNO	ID NUMBER
LOG_3	
SHSNUM3	FAMILY COHORT ID NUMBER
FAMSTAT	FAMILY STATUS
LEFTDD3	LEFT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)
LEFTIMT3	LEFT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)
LEFTSD3	LEFT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)
RIGHTDD3	RIGHT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)
RIGHTIM3	RIGHT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)
RIGHTSD3	RIGHT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)
ATH_L3	LEFT ATHEROSCLEROSIS SCORE
ATH_R3	RIGHT ATHEROSCLEROSIS SCORE
ATH_MAX3	MAXIMUM ATHEROSCLEROSIS SCORE
ATHER3	PRESENCE OR ABSENCE OF PLAQUE
EFFSEG3	CAROTID ATHEROSCLEROSIS SCORE
AODBP3	CENTRAL DIASTOLIC BP FROM APPLANATION TONOMETRY
AOSBP3	CENTRAL SYSTOLIC BP FROM APPLANATION TONOMETRY
AI3	AUGMENTATION INDEX (%)
AI23	AI2=P1/P2
CENTER	SHS SITE

Applanation Tonometry

VARIABLE	LABEL
IDNO	ID NUMBER
IDNUM	SHS3 ID NUMBER
AGE	AGE AT TIME OF STUDY
SEXCD	GENDER OF PARTICIPANT
HEIGHT	HEIGHT (CM)
DATE	DATE OF STUDY
TIME	TIME OF STUDY
SUB_TYPE	SUBTYPE
OPERATOR	OPERATOR
P_SP	PERIPHERAL SYSTOLIC BLOOD PRESSURE (MMHG)
P_DP	PERIPHERAL DIASTOLIC BLOOD PRESSURE (MMHG)
P_MEANP	PERIPHERAL MEAN PRESSURE (MMHG)
P_AI	PERIPHERAL AUGMENTATION INDEX
P_MAX_DP	MAXIMUM DP/DT (MMHG/S)
HR	HEART RATE, (BEATS PER MINUTE)
ED	EJECTION DURATION (MS)
C_SVI	CENTRAL AORTIC INDEX BUCKBERG SUB-ENDOCARIAL VIABLILITY RATIO (%)
C_TTI	BUCKBERG SUB-ENDOCARIAL VIABLILITY COMPONENT (AD)
C_DTI	BUCKBERG SUB-ENDOCARIAL VIABLILITY COMPONENT (AS)
AOSBP	AORTIC SYSTOLIC BLOOD PRESSURE (MMHG)
AODBP	AORTIC DIASTOLIC BLOOD PRESSURE (MMHG)
C_MEANP	CENTRAL AORTIC MEAN PRESSURE (MMHG)
C_T1	TIME TO FIRST PEAK-AORTIC (MS)
C_T2	TIME TO SECOND PEAK-AORTIC (MS)
C_AP	
AG	AUGMENTED PRESSURE (MMHG)
AI	AUGMENTATION INDEX (%)
AI2	AI2=P1/P2
C_MPS	AORTIC MEAN PRESSURE IN SYSTOLE (MMHG)
C_MPD	AORTIC MEAN PRESSURE IN DIASTOLE (MMHG)
C_ESP	AORTIC END SYSTOLIC PRESSURE (MMHG)
AOSBP2	AORTIC SYSTOLIC BLOOD PRESSURE NEW TONOMETRY

Applanation Tonometry

VARIABLE	LABEL
AODBP2	AORTIC DIASTOLIC BLOOD PRESSURE NEW TONOMETRY
AOPP	AORTIC PULSE PRESSURE-DERIVED VARIABLE BY DF (MMHG)
P2	PRESSURE AT T2
P1	PRESSURE AT T1
SPARE1_B	
SP	SYSTOLIC PRESSURE
DP	DIASTOLIC PRESSURE
P_T1	PERIPHERAL T1
P_T2	PERIPHERAL T2
P_SPARE1	
AI3	AI FROM TONOMETRY DATA BASE
CENTER	SHS SITE

Sample Collection Checklist

VARIABLE	LABEL
IDNO	ID NUMBER
GTT3_2	FASTING ONE TOUCH RESULT
GTT3_3	FASTING BLOOD SAMPLE TAKEN
GTT3_3L	FASTING BLOOD SAMPLE TAKEN SPECIFY OTHER
GTT3_4	LAST TIME ATE
GTT3_5	TIME OF COLLECTION FASTING BLOOD SAMPLE
GTT3_6	URINE SAMPLE TAKEN
GTT3_7	75 GRAM GLUCOSE BEVERAGE CONSUMED
GTT3_8	TIME THE 75 GRAM GLUCOSE BEVERAGE CONSUMED
GTT3_9	REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, INSULIN TREATMENT
GTT3_10	REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, ORAL AGENT
GTT3_11	REASON GLUCOSE BEVERAGE NOT CONSUMED: ONE TOUCH > 225 MG/DL
GTT3_12	REASON GLUCOSE BEVERAGE NOT CONSUMED: REFUSAL
GTT3_13	TIME OF 2 HR BLOOD SAMPLE
GTT3_14	DID PARTICIPANT VOMIT
GTT3_15	TIME VOMITED
COMMENTS	COMMENTS
ADMINISTRATIVE INFORMATION	
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Laboratory Measures

VARIABLE	LABEL
IDNO	ID NUMBER
CHEMISTRIES	
S3G0	FASTING GLUCOSE (mg/dL)
S3G2	2-HOURS GLUCOSE (mg/dL)
S3P_CREA	PLASMA CREATININE (mg/dl)
S3INSU	INSULIN (uU/mL)
S3TPROT	TOTAL PROTEIN (gm/dL)
S3P_ALB	PLASMA ALBUMIN (gm/dL)
S3UACID	URIC ACID (mg/dL)
S3BUN	BLOOD UREA NITROGEN (mg/dl)
S3CAL	CALCIUM (mg/dl)
S3PHOSP	PHOSPHORUS (mg/dL)
S3CHL	CHLORIDE (mEq/L)
S3SOD	SODIUM (mEq/L)
S3POT	POTASSIUM (mEq/L)
S3ALP	ALKALINE PHOSPHATASE (U/L)
S3ALT	ALANINE AMINOTRANSFERASE (SGPT) (IU/L)
S3AST	ASPARTATE AMINOTRANSFERASE (SGOT) (IU/L)
S3TBILI	TOTAL BILIRUBIN (mg/dL)
S3HBA1C	HEMOGLOBIN A1C (%)
S3CO2	CO2(mEq/L)
S3LDH	LACTATE DEHYDROGENASE
HEMOSTASIS	
S3FIBRIN	FIBRINOGEN (mg/dL)
LIPIDS	
S3APOA1	APO LIPOPROTEIN A1 (APOA1) (mg/dL)
S3APOB	APO LIPOPROTEIN B (APOB) (mg/dL)
S3APOE	APO LIPOPROTEIN E (APOE) (mg/dL)
S3TC	TOTAL CHOLESTEROL (mg/dL)
S3TG	TRIGLYCERIDE (mg/dL)
S3HDL	HDL CHOLESTEROL (mg/dL)
S3LDL	LDL CHOLESTEROL (mg/dL)
S3VLDLTG	VLDL TRIGLYCERIDE (mg/dL)

Laboratory Measures

VARIABLE	LABEL
S3VLDLC	VLDL CHOLESTEROL (mg/dL)
S3LPA	LIPOPROTEIN(a)
S3PAI1	PLASMOGEN ACTIVATOR INHIBITOR-1 (PAI-1) (ng/mL)
URINE COLLECTION	
S3U_CREA	URINE CREATININE (mg/dL)
S3U_ALB	URINE ALBUMIN (mg/L)
CENTER	SHS SITE

CBC Results

VARIABLE	LABEL
IDNO	ID NUMBER
WBC3	WHITE BLOOD CELL COUNT (10 ⁹ /L)
RBC3	RED BLOOD CELL COUNT (10 ¹² /L)
HGB3	HEMOGLOBIN (g/dL)
HCT3	HEMATOCRIT (%)
MCV3	MEAN CELL VOLUME (fL)
MCH3	MEAN CORPUSCULAR HEMOGLOBIN (pg)
MCHC3	MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (g/dL)
RDW3	RED CELL DISTRIBUTION WIDTH (%)
PLT3	PLATELET COUNT (10 ⁹ /L)
MPV3	MEAN PLATELET VOLUME (fL)
DIFFERENTIAL	
NEUT3	NEUTROPHIL (%)
LYMPH3	LYMPHOCYTE (%)
MONO3	MONOCYTE (%)
EOS3	EOSINOPHIL (%)
BASO3	BASOPHIL (%)
ADMINISTRATIVE INFORMATION	
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Derived Medication

VARIABLE	LABEL
IDNO	ID NUMBER
S3ANTIHIST	ANTIHISTIMINES
S3ANTIBIOTIC	ANTIBIOTICS
S3ANTINEO	ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)
S3ANTICOAG	ANTICOAGULANTS
S3CARDIAC	CARDIAC DRUGS
S3LIPIDLOW	HYPOLIPIDEMIC (LIPID LOWERING)
S3HYPOTEN	HYPOTENSIVE AGENTS
S3BETABLOCK	BETA-BLOCKERS
S3ANALGESIC	ANALGESTIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)
S3ASPIRIN	ASPIRIN
S3ANTICONV	ANTICONVULSANTS
S3PSYCHOTHER	PSYCHOTHERAPEUTIC AGENTS
S3DIURETIC	DIURETICS
S3GASTRO	GASTROINTESTINAL DRUGS
S3ADRENAL	ADRENALS (STEROIDS)
S3CONTRA	CONTRACEPTIVES
S3ESTRO	ESTROGENS
S3ANTIDM	ANTIDIABETIC AGENTS
S3INSULIN	INSULINS
S3SULFRON	SULFONYLUREAS
S3THYROID	THYROID AGENTS
S3SKIN	OINTMENTS AND OTHER TOPICAL PRODUCTS
S3VITAMIN	VITAMINS

Derived Medication Details

VARIABLE	LABEL
IDNO	ID NUMBER
MNAME31	DRUG NAME
MDOSE31	DRUG DOSE
RXDAY31	RX PER DAY
TKNDAY31	HOW MANY TAKEN?
MCLASS31	MATCHING DRUG CLASS CODE (AHFS DRUG CODE)
LEVEL1GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 1
LEVEL2GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 2
LEVEL3GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 3
S3ANTIHIST	ANTIHISTIMINES
S3ANTIBIOTIC	ANTIBIOTICS
S3ANTINEO	ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)
S3ANTICOAG	ANTICOAGULANTS
S3CARDIAC	CARDIAC DRUGS
S3LIPIDLOW	HYPOLIPIDEMIC (LIPID LOWERING)
S3HYPOTEN	HYPOTENSIVE AGENTS
S3BETABLOCK	BETA-BLOCKERS
S3ANALGESIC	ANALGESTIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)
S3ASPIRIN	ASPIRIN
S3ANTICONV	ANTICONVULSANTS
S3PSYCHOTHER	PSYCHOTHERAPEUTIC AGENTS
S3DIURETIC	DIURETICS
S3GASTRO	GASTROINTESTINAL DRUGS
S3ADRENAL	ADRENALS (STEROIDS)
S3CONTRA	CONTRACEPTIVES
S3ESTRO	ESTROGENS
S3ANTIDM	ANTIDIABETIC AGENTS
S3INSULIN	INSULINS
S3SULFRON	SULFONYLUREAS
S3THYROID	THYROID AGENTS
S3SKIN	OINTMENTS AND OTHER TOPICAL PRODUCTS
S3VITAMIN	VITAMINS

Phase 3 Derived Variables

VARIABLE	LABEL
IDNO	ID NUMBER
S3EXDATE	SHS3 EXAM DATE
S3AGE	SHS3 AGE
S3ADADM	SHS3 DIABETES STATUS ACCORDING TO 1997 ADA CRITERIA
S3ADADMD	SHS3 DURATION (YEARS) OF DIABETES ACCORDING TO 1997 ADA CRITERIA
S3DMTX	SHS3 DIABETES TREATMENT
S3SBP	SHS3 SYSTOLIC BLOOD PRESSURE (mmHg)
S3DBP	SHS3 DIASTOLIC BLOOD PRESSURE (mmHg)
S3MBP	SHS3 MEAN ARTERIAL PRESSURE (mmHg)
S3USHTN	SHS3 HYPERTENSION BY US DEFINITION
S3HTNRX	SHS3 HYPERTENSION TREATMENT
S3ACR	SHS3 ALBUMINURIA
S3UACR	SHS3 URINARY ALBUMIN/CREATININE RATIO (mg/g)
S3LACR	SHS3 NATURAL LOG OF URINARY ALBUMIN/CREATININE RATIO
S3CCR	SHS3 COCKROFT-GAULT CREATININE CLEARANCE (mm/min)
S3GFRM2	SHS3 GLOMERULAR FILTRATION RATE (mL/min/1.73 ²) - (MDRD with 175 constant)
S3P_CREA_CAL	SHS3 RECALIBRATED PLASMA CREATININE (mg/dL)
S3GFR_MC	SHS3 GLOMERULAR FILTRATION RATE (mL/min/1.73 ^{**2}) - (MDRD with 175 constant and recalibrated creatinine)
S3GFR_EPIC	SHS3 GLOMERULAR FILTRATION RATE (mL/min/1.73 ^{**2}) - (CKD-EPI and recalibrated creatinine)
S3RT_AAR	SHS3 RIGHT ANKLE-ARM RATIO
S3LT_AAR	SHS3 LEFT ANKLE-ARM RATIO
S3PP	SHS3 PULSE PRESSURE (mm/Hg)
S3BMI	SHS3 BODY MASS INDEX (kg/m ²)
S3WHR	SHS3 WAIST HIP RATIO
S3BDFAT	SHS3 %BODY FAT - (RJL CALCULATION)
S3SMOKE	SHS3 SMOKING STATUS
S3SMKD	SHS3 SMOKING DURATION IN YEARS
S3PPY	SHS3 SMOKING PACKS PER YEAR
S3ETOH	SHS3 ALCOHOL DRINKING STATUS

Phase 3 Derived Variables

VARIABLE	LABEL
S3MENO	SHS3 POSTMENOPAUSAL
S3ESTRO	SHS3 ESTROGEN USE
S3HOMAIR	SHS3 HOMEOSTASIS ASSESSMENT (HOMA-IR)

Personal Interview Form I

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

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

Variable name: HOSPA
SAS label: HOSPITAL A
Question: Q2a: Hospital
Note: None

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

Variable name: IHSNO1
SAS label: CHART NUMBER 1
Question: Q2a: Chart number
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: IHS1
SAS label: IHS HOSPITAL
Question: Q2a: IHS Hospital
Note: None

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

Variable name: INT13_6
SAS label: 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: INT13_10
SAS label: SEND REPORT
Question: Q2a: Send Report
Note: None

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

Personal Interview Form I

Variable name: HOSPB
SAS label: HOSPITAL B
Question: Q2b: Hospital
Note: None

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

Variable name: IHSNO2
SAS label: CHART NUMBER 2
Question: Q2b: Chart Number
Note: None

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

Variable name: IHS2
SAS label: IHS HOSPITAL
Question: Q2b: IHS Hospital
Note: None

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

Personal Interview Form I

Variable name: INT13_7
SAS label: 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	

Variable name: INT13_11
SAS label: SEND REPORT
Question: Q2b: Send Report
Note: None

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

Variable name: HOSPC
SAS label: HOSPITAL C
Question: Q2c: Hospital
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: IHSNO3
SAS label: CHART NUMBER 3
Question: Q2c: Chart number
Note: None

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

Variable name: IHS3
SAS label: IHS HOSPITAL
Question: Q2c: IHS Hospital
Note: None

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

Variable name: INT13_8
SAS label: 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	

Personal Interview Form I

Variable name: INT13_12
SAS label: SEND REPORT
Question: Q2c: Send Report
Note: None

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

Variable name: HOSPD
SAS label: HOSPITAL D
Question: Q2d: Hospital
Note: None

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

Variable name: IHSNO4
SAS label: CHART NUMBER 4
Question: Q2d: Chart Number
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: IHS4
SAS label: IHS HOSPITAL
Question: Q2d: IHS Hospital
Note: None

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

Variable name: INT13_9
SAS label: 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: INT13_13
SAS label: SEND REPORT
Question: Q2d: Send Report
Note: None

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

Personal Interview Form I

Variable name: INT13_14
SAS label: MARITAL STATUS
Question: Q3: 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	Adult roommate/partners/significant other	
.	.	

Variable name: INT13_33
SAS label: MARITAL STATUS 2
Question: Q3: 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	Adult roommate/partners/significant other	
.	.	

Personal Interview Form I

Variable name: INT13_34
SAS label: MARITAL STATUS 3
Question: Q3: 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	Adult roommate/partners/significant other	
.	.	

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

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

WEIGHT SATISFACTION

Variable name: INT23_1
SAS label: SATISFIED WITH YOUR PRESENT WEIGHT
Question: Q10: Are you satisfied with your present weight?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q13 (INT23_8)
2	No	
9	Unknown/unsure	
.	Missing	

Variable name: INT23_2
SAS label: LOSE OR GAIN WEIGHT
Question: Q11: Do you want to lose or gain weight?
Note: None

Code or Value	Value description	Skip to item
1	Lose	
2	Gain	
.	Missing	

Personal Interview Form II

Variable name: INT23_3
SAS label: WEIGHT LOSS: EATING
Question: Q12a: How do you plan to do this? Eating
Note: None

Code or Value	Value description	Skip to item
1	Less	
2	More	
3	No change	
.	Missing	

Variable name: INT23_4
SAS label: WEIGHT LOSS: PHYSICAL ACTIVITY
Question: Q12b: How do you plan to do this? Physical activity
Note: None

Code or Value	Value description	Skip to item
1	Less	
2	More	
3	No change	
.	Missing	

Variable name: INT23_5
SAS label: WEIGHT LOSS: MEDICATION
Question: Q12c: How do you plan to do this? Medication
Note: None

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

Variable name: INT23_69

SAS label: **WEIGHT LOSS: OTHER**
Question: **Q12d: How do you plan to do this? Other, please specify**
Note: **None**

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

Variable name: **INT23_70**
SAS label: **WEIGHT LOSS: OTHER SPECIFY**
Question: **Q12d: How do you plan to do this? Specified**
Note: **None**

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

PHYSICAL ACTIVITY

Variable name: **INT23_8**
SAS label: **DIFFICULTY IN OR OUT OF BED/CHAIR**
Question: **Q13: Have you had any difficulty getting in or out of bed or chair?**
Note: **None**

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

Personal Interview Form II

Variable name: INT23_6
SAS label: CONFINED TO A BED/CHAIR
Question: Q14: Since you last SHS exam have you ever spent any time confined to a bed or chair as a result of an injury or illness for a period greater than one month?
Note: None

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

Variable name: INT23_7
SAS label: WEEKS OF CONFINEMENT
Question: Q14a: If “Yes”, how many weeks were you confined to a bed or chair?
Note: None

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

Variable name: INT23_9
SAS label: PREVENT EXERCISE: ARTHRITIS
Question: Q15a: Do any of the following prevent you from exercising as much as you would like? Arthritis
Note: None

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

Personal Interview Form II

Variable name: INT23_52
SAS label: PREVENT EXERCISE: AMPUTATION
Question: Q15b: Do any of the following prevent you from exercising as much as you would like? Amputation
Note: None

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

Variable name: INT23_53
SAS label: PREVENT EXERCISE: DIFFICULTY BREATHING
Question: Q15c: Do any of the following prevent you from exercising as much as you would like? Difficulty breathing
Note: None

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

Variable name: INT23_54
SAS label: PREVENT EXERCISE: UNSAFE FOR WALKING
Question: Q15d: Do any of the following prevent you from exercising as much as you would like? Conditions unsafe for walking/exercising
Note: None

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

Variable name: INT23_55
SAS label: PREVENT EXERCISE: NO EXERCISE FACILITY AVAILABLE
Question: Q15e: Do any of the following prevent you from exercising as much as you would like? No exercise facility available
Note: None

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

Variable name: INT23_83
SAS label: PREVENT EXERCISE: NOT INTERESTED IN EXERCISE
Question: Q15f: Do any of the following prevent you from exercising as much as you would like? Not interested in exercise
Note: None

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

Variable name: INT23_71
SAS label: PREVENT EXERCISE: OTHER SPECIFY
Question: Q15g: Do any of the following prevent you from exercising as much as you would like? Other, please specify
Note: None

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

Personal Interview Form II

Variable name: INT23_72
SAS label: PREVENT EXERCISE: SPECIFY
Question: Q15g: Do any of the following prevent you from exercising as much as you would like? Specify
Note: None

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

Variable name: INT23_10
SAS label: MILD EFFORT PHYSICAL ACTIVITY
Question: Q16: Think about physical activities that require mild effort such as walking, gardening, yardwork, fishing, softball, etc. During a typical week for you, how much time do you spend performing activities that require a mild effort?
Note: None

Code or Value	Value description	Skip to item
1	Rarely	
2	Occasionally	
3	Often	
.	Missing	

Variable name: INT23_57
SAS label: STRENUOUS ACTIVITIES
Question: Q17: Think about physical activities that are relatively strenuous (running and other strenuous sports, digging, chopping wood, heavy construction, hauling hay, fixing fences, etc.). During a typical week for you, how much time do you spend performing activities that are relatively strenuous?
Note: None

Code or Value	Value description	Skip to item
1	Rarely	
2	Occasionally	
3	Often	
.	Missing	

DENTURE AND EATING PROBLEMS

Variable name: INT23_11
SAS label: NATURAL TEETH
Question: Q18: How many natural teeth do you have?
Note: None

Code or Value	Value description	Skip to item
1	All	
2	Most	
3	Some	
4	None	
.	Missing	

Personal Interview Form II

Variable name: INT23_12
SAS label: DESCRIBE HOW YOU CHEW
Question: Q19: Describe how you chew your food.
Note: Please choose only one

Code or Value	Value description	Skip to item
1	I use natural teeth to chew	
2	I use natural teeth with caps/crowns to chew	
3	I have natural teeth and a denture or partial. I use them both together to chew	
4	I use dentures to chew	
5	I chew with my gums	
.	Missing	

Variable name: INT23_13
SAS label: ABILITY TO CHEW
Question: Q20: Rate your ability to chew food
Note: Please choose only one

Code or Value	Value description	Skip to item
1	Good	
2	Fair	
3	Poor	
.	Missing	

FAMILY INCOME

Variable name: INT23_14
SAS label: HOUSEHOLD INCOME MEET FAMILY NEEDS
Question: Q21: Does your household income meet your family's needs?
Note: None

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

Variable name: INT23_15
SAS label: MAIN DAILY ACTIVITY
Question: Q22: What is your main daily activity(s)?
Note: Please list three main activities

Code or Value	Value description	Skip to item
1	Caring for family	
2	Working for pay/profit	
3	Going to school	
4	Looking for work	
5	Retired/elderly	
6	Other, specify	
.	Missing	

Personal Interview Form II

Variable name: INT23_58
SAS label: MAIN DAILY ACTIVITY (2nd)
Question: Q22: What is your main daily activity(s)?
Note: Please list three main activities

Code or Value	Value description	Skip to item
1	Caring for family	
2	Working for pay/profit	
3	Going to school	
4	Looking for work	
5	Retired/elderly	
6	Other, specify	
.	Missing	

Variable name: INT23_59
SAS label: MAIN DAILY ACTIVITY (3rd)
Question: Q22: What is your main daily activity(s)?
Note: Please list three main activities

Code or Value	Value description	Skip to item
1	Caring for family	
2	Working for pay/profit	
3	Going to school	
4	Looking for work	
5	Retired/elderly	
6	Other, specify	
.	Missing	

Personal Interview Form II

Variable name: INT23_73
SAS label: MAIN DAILY ACTIVITY OTHER SPECIFY
Question: Q22: What is your main daily activity(s)?
Note: Please list three main activities

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

Variable name: INT23_16
SAS label: RECEIVE INCOME: WAGES/SALARY
Question: Q23_1: Do you receive income from wages/salary?
Note: None

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

Variable name: INT23_60
SAS label: RECEIVE INCOME: PROFITS/BUSINESS
Question: Q23_2: Do you receive income from profits - business?
Note: None

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

Personal Interview Form II

Variable name: INT23_61
SAS label: RECEIVE INCOME: GAMING/LOTTERY
Question: Q23_3: Do you receive income from winnings from gaming/lottery?
Note: None

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

Variable name: INT23_62
SAS label: RECEIVE INCOME: UNEMPLOYMENT BENEFITS
Question: Q23_4: Do you receive income from unemployment benefits / workmen's comp/welfare?
Note: None

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

Variable name: INT23_63
SAS label: RECEIVE INCOME: RETIREMENT BENEFITS
Question: Q23_5: Do you receive income from retirement benefits?
Note: None

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

Personal Interview Form II

Variable name: INT23_64
SAS label: RECEIVE INCOME: SOCIAL SECURITY
Question: Q23_6: Do you receive income from social security benefits?
Note: None

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

Variable name: INT23_65
SAS label: RECEIVE INCOME: LEASE PAYMENT
Question: Q23_7: Do you receive income from lease payment?
Note: None

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

Variable name: INT23_56
SAS label: RECEIVE INCOME: OTHER
Question: Q23_8: Do you receive income from other, specify?
Note: None

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

Personal Interview Form II

Variable name: INT23_66
SAS label: RECEIVE INCOME: SPECIFY OTHER
Question: Q23_8: Do you receive income from other, specify?
Note: None

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

Variable name: INT23_67
SAS label: MOST INCOME FROM Q23
Question: Q24: Of the choices in Question 23, which source provides the most income?
Note: Please choose only one

Code or Value	Value description	Skip to item
1	Wages/salary	
2	Profits - business	
3	Winnings from gaming/lottery	
4	Unemployment benefits/workmen's comp/welfare	
5	Retirement benefits	
6	Social security benefits	
7	Lease payment	
8	Other, specify	
9	Refused/unknown	
.	Missing	

Personal Interview Form II

Variable name: INT23_17
SAS label: WORK HOURS PER WEEK
Question: Q25: How many hours per week do you work at a job or jobs that pay you a salary or wage?
Note: Fill in number of hours

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

Variable name: INT23_18
SAS label: ANNUAL HOUSEHOLD INCOME
Question: Q26: Which of the following categories best describes your annual household income from all sources?
Note: Please check only one

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	

TOBACCO

Variable name: INT23_19
SAS label: DO YOU SMOKE CIGARETTES NOW
Question: Q27: Do you smoke cigarettes?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Go to Q32 (INT23_33)
.	Missing	

Variable name: INT23_20
SAS label: # OF CIGARETTES PER DAY
Question: Q28: On the average, how many cigarettes do you usually smoke per day?
Note: 0 = less than one cigarette per day

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

Variable name: INT23_21
SAS label: # OF CIGARETTES PER MONTH
Question: Q28a: If less than one cigarette per day, number of cigarettes per month?
Note: None

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

Variable name: INT23_22
SAS label: OCCASION TO SMOKE: STRESS
Question: Q29a: On which occasions are/were you most likely to smoke, or increase your smoking? Stressful times
Note: Check all appropriate responses

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

Variable name: INT23_23
SAS label: OCCASION TO SMOKE: CASINOS
Question: Q29b: On which occasions are/were you most likely to smoke, or increase your smoking? Casinos
Note: Check all appropriate responses

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

Variable name: INT23_24
SAS label: OCCASION TO SMOKE: WAKES/ FUNERALS
Question: Q29c: On which occasions are/were you most likely to smoke, or increase your smoking? Wakes/funerals
Note: Check all appropriate responses

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

Personal Interview Form II

Variable name: INT23_25
SAS label: OCCASION TO SMOKE: WHEN DRINKING ALCOHOL
Question: Q29d: On which occasions are/were you most likely to smoke, or increase your smoking? When drinking alcohol
Note: Check all appropriate responses

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

Variable name: INT23_26
SAS label: OCCASION TO SMOKE: SOCIAL MEETINGS
Question: Q29e: On which occasions are/were you most likely to smoke, or increase your smoking? Social meetings
Note: Check all appropriate responses

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

Variable name: INT23_27
SAS label: OCCASION TO SMOKE: WHEN YOU HAVE EXTRA MONEY
Question: Q29f: On which occasions are/were you most likely to smoke, or increase your smoking? When you have extra money
Note: Check all appropriate responses

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

Variable name: INT23_28
SAS label: OCCASION TO SMOKE: BINGO
Question: Q29g: On which occasions are/were you most likely to smoke, or increase your smoking? Bingo
Note: Check all appropriate responses

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

Variable name: INT23_47
SAS label: OCCASION TO SMOKE: OTHER
Question: Q29h: On which occasions are/were you most likely to smoke, or increase your smoking? Other
Note: Check all appropriate responses

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

Variable name: INT23_29
SAS label: OCCASION TO SMOKE: OTHER SPECIFY
Question: Q29h: On which occasions are/were you most likely to smoke, or increase your smoking? Other, specify
Note: Check all appropriate responses

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

Personal Interview Form II

Variable name: INT23_30
SAS label: HOW MANY CIGARETTES DO YOU SMOKE
Question: Q30: On the occasions that your smoking increased, how many cigarettes do/did you smoke per day?
Note: None

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

Variable name: INT23_31
SAS label: CHANGE YOUR SMOKING HABIT
Question: Q31: Would you like to change your smoking habit?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q32 (INT23_33)
.	Missing	

Variable name: INT23_32
SAS label: IF YES, PREFER TO: REDUCE # OF CIGARETTE
Question: Q31ai: If yes, how? Reduce number of cigarettes per day
Note: None

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

Personal Interview Form II

Variable name: INT23_78
SAS label: IF YES, PREFER TO: SWITCH TO LOWER TAR
Question: Q31aii: If yes, how? Switch to lower “tar” or “nicotine” cigarettes
Note: None

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

Variable name: INT23_79
SAS label: IF YES, PREFER TO: USE NICOTINE PATCH/CHEWING GUM
Question: Q31aiii: If yes, how? Use nicotine patch/chewing gum
Note: None

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

Variable name: INT23_80
SAS label: IF YES, PREFER TO: QUIT
Question: Q31aiv: If yes, how? Quit
Note: None

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

Personal Interview Form II

Variable name: INT23_81
SAS label: IF YES, PREFER TO: OTHER
Question: Q31av: If yes, how? Other, please specify
Note: None

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

Variable name: INT23_82
SAS label: IF YES, PREFER TO: OTHER SPECIFY
Question: Q31av: If yes, how? Other, please specify
Note: None

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

Current cigarette smokers skip to Q34 (INT23_68).

Variable name: INT23_33
SAS label: SMOKE >100 CIGARETTES
Question: Q32: During your lifetime have you smoked 100 cigarettes or more total?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q34 (INT23_68)
.	Missing	

Personal Interview Form II

Variable name: INT23_34
SAS label: QUIT SMOKING
Question: Q33: Did you quit smoking since your last SHS exam?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q34 (INT23_68)
.	Missing	

Variable name: INT23_35
SAS label: IF QUIT: LAST SMOKE (YEAR)
Question: Q33a: If you quit since your last SHS exam when did you quit?
Note: Just the year

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

Variable name: INT23_36
SAS label: REASON FOR QUITTING: DOCTOR'S ADVICE
Question: Q33bi: What were the reason(s) you quit? Doctor's advice
Note: Check all that apply

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

Personal Interview Form II

Variable name: INT23_37
SAS label: REASON FOR QUITTING: HEALTH CONCERNS
Question: Q33bii: What were the reason(s) you quit? Health concerns
Note: Check all that apply

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

Variable name: INT23_38
SAS label: REASON FOR QUITTING: EXPENSES
Question: Q33biii: What were the reason(s) you quit? Expenses
Note: Check all that apply

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

Variable name: INT23_39
SAS label: REASON FOR QUITTING: PER FAMILY PRESSURE
Question: Q33biv: What were the reason(s) you quit? Per family pressure
Note: Check all that apply

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

Personal Interview Form II

Variable name: INT23_75
SAS label: REASON FOR QUITTING: OTHER
Question: Q33bv: What were the reason(s) you quit? Other, please specify
Note: Check all that apply

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

Variable name: INT23_76
SAS label: REASON FOR QUITTING: OTHER SPECIFY
Question: Q33bv: What were the reason(s) you quit? Other, please specify
Note: Check all that apply

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

Variable name: INT23_68
SAS label: HOURS EXPOSED TO THE SMOKE OF OTHERS/ DAY
Question: Q34: Whether or not you smoke, on average, how many hours a day are you exposed to the smoke of others?
Note: If none, enter zero; enter 1 if 30 minutes or more, enter 0 if less than 30 minutes

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

ALCOHOL

Variable name: INT23_40
SAS label: EVER CONSUMED ALCOHOLIC BEVERAGES
Question: Q35: Have you consumed alcoholic beverages since your last SHS exam?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q43 (IN23_49)
.	Missing	

Variable name: INT23_41
SAS label: WHEN WAS YOUR LAST DRINK
Question: Q35a: If yes, when was your last drink?
Note: Check one box only

Code or Value	Value description	Skip to item
1	Within the last week	
2	Within the last month	
3	Within in the last year	
4	More than a year ago	Skip to Q42 (INT23_a)
.	Missing	

Variable name: INT23_42
SAS label: # OF MONTHS AGO
Question: Q35a: If yes, when was your last drink? Number of months ago?
Note: None

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

Personal Interview Form II

Variable name: BEER_GLS
SAS label: GLASS OF BEER (4 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Glass of beer (4 oz)
Note: None

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

Variable name: BEER_TUM
SAS label: TUMBLER OF BEER (8 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Tumbler of beer (8 oz)
Note: None

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

Variable name: BEER_CB
SAS label: CAN/BOTTLE OF BEER (12 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Can/bottle of beer (12 oz)
Note: None

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

Personal Interview Form II

Variable name: BEER_CAN
SAS label: CAN OF BEER (16 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Can of beer (16 oz)
Note: None

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

Variable name: BEER_BOT
SAS label: BOTTLE OF BEER (32-34 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Bottle of beer (32-34 oz)
Note: None

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

Variable name: BEER_40
SAS label: BOTTLE OF BEER (40 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Bottle of beer (40 oz)
Note: None

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

Personal Interview Form II

Variable name: BEER_SUM
SAS label: SUM OF THE OZ OF BEER
Question: Q36: How many alcoholic drinks do you have in a typical week?
Sum of the ounces of beer
Note: None

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

Variable name: WINE_GLS
SAS label: GLASS OF WINE (4 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Glass of wine (4 oz)
Note: None

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

Variable name: WINE_TUM
SAS label: TUMBLER OF WINE (8 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Tumbler of wine (8 oz)
Note: None

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

Personal Interview Form II

Variable name: WINE_CB
SAS label: CAN/BOTTLE OF WINE (12 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Can/bottle of wine (12 oz)
Note: None

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

Variable name: WINE_CAN
SAS label: CAN OF WINE (16 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Can of wine (16 oz)
Note: None

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

Variable name: WINE_FIF
SAS label: FIFTH OF WINE (26 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Fifth of wine (26 oz)
Note: None

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

Personal Interview Form II

Variable name: WINE_BOT
SAS label: BOTTLE OF WINE (32-34 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Bottle of wine (32-34 oz)
Note: None

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

Variable name: WINE_JG1
SAS label: JUG OF WINE 64 (.5 GAL)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Jug of wine (0.5 gallons)
Note: None

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

Variable name: WINE_JG2
SAS label: JUG OF WINE 128 (1 GAL)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Jug of wine (1 gallon)
Note: None

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

Personal Interview Form II

Variable name: WINE_SUM
SAS label: SUM OF THE OZ OF WINE
Question: Q36: How many alcoholic drinks do you have in a typical week?
Sum of the ounces of wine
Note: None

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

Variable name: LIQ_SHOT
SAS label: SHOT OF LIQUOR (1 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Shot of liquor (1 oz)
Note: None

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

Variable name: LIQ_JIGG
SAS label: JIGGER OF LIQUOR (1.5 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Jigger of liquor (1.5 oz)
Note: None

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

Personal Interview Form II

Variable name: LIQ_GLS
SAS label: GLASS OF LIQUOR (4 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Glass of liquor (4 oz)
Note: None

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

Variable name: LIQ_TUM
SAS label: TUMBLER OF LIQUOR (8 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Tumbler of liquor (8 oz)
Note: None

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

Variable name: LIQ_CB
SAS label: CAN/BOTTLE OF LIQUOR (12 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Can/bottle of liquor (12 oz)
Note: None

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

Personal Interview Form II

Variable name: LIQ_CAN
SAS label: CAN OF LIQUOR (16 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Can of liquor (16 oz)
Note: None

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

Variable name: LIQ_FIF
SAS label: FIFTH OF LIQUOR (26 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Fifth of liquor (26 oz)
Note: None

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

Variable name: LIQ_BOT
SAS label: BOTTLE OF LIQUOR (32-34 OZ)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Bottle of liquor (32-34 oz)
Note: None

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

Personal Interview Form II

Variable name: LIQ_JG1
SAS label: JUG OF LIQUOR 64 (.5 GAL)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Jug of liquor (0.5 gallon)
Note: None

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

Variable name: LIQ_JG2
SAS label: JUG OF LIQUOR 128 (1 GAL)
Question: Q36: How many alcoholic drinks do you have in a typical week?
Jug of liquor (1 gallon)
Note: None

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

Variable name: LIQ_SUM
SAS label: SUM OF THE OZ OF LIQUOR
Question: Q36: How many alcoholic drinks do you have in a typical week?
Sum of the ounces of liquor
Note: None

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

Variable name: INT23_43
SAS label: TOTAL # OF DRINKS IN A TYPICAL WEEK
Question: Q36: How many alcoholic drinks do you have in a typical week?
Note: None

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

Personal Interview Form II

Variable name: INT23_44
SAS label: # DAYS PER MONTH HAVE AT LEAST ONE DRINK
Question: Q37: How many days in a typical month do you have at least one drink?
Note: Indicate the number of days per month

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

Variable name: INT23_45
SAS label: AVERAGE # OF DRINKS ON DAYS WHEN YOU DO DRINK
Question: Q38: On the days when you drink any liquor, beer or wine, about how many drinks do you have on average?
Note: Indicate the number of drinks per day

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

Variable name: INT23_46
SAS label: WHEN MORE THAN USUAL, HOW MANY DRINKS
Question: Q39: When you drink more than your usual amount, how many drinks do you have?
Note: None

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

Personal Interview Form II

Variable name: INT23_48
SAS label: HOW MANY TIMES IN A MONTH
Question: Q39a: How many times in a month?
Note: None

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

Variable name: INT23_50
SAS label: PAST MONTH >=5 DRINKS
Question: Q40: How many times in the PAST MONTH have you had more than 5 drinks during a single occasion?
Note: 0 = None

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

Variable name: INT23_51
SAS label: PAST YEAR >= 5 DRINKS
Question: Q41: How many times in the PAST YEAR have you had more than 5 drinks during a single occasion?
Note: 0 = None

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

Personal Interview Form II

Variable name: INT23_A
SAS label: CONSUMED OTHER SUBSTANCE: MOUTH WASH
Question: Q42a: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as mouth wash?
Note: None

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

Variable name: INT23_B
SAS label: CONSUMED OTHER SUBSTANCE: COUGH SYRUP
Question: Q42b: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as cough syrup?
Note: None

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

Variable name: INT23_C
SAS label: CONSUMED OTHER SUBSTANCE: LYSOL
Question: Q42c: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as lysol?
Note: None

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

Personal Interview Form II

Variable name: INT23_D
SAS label: CONSUMED OTHER SUBSTANCE: HAIR SPRAY
Question: Q42d: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as hair spray?
Note: None

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

Variable name: INT23_E
SAS label: CONSUMED OTHER SUBSTANCE: OTHER
Question: Q42e: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as other?
Note: None

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

Variable name: INT23_F
SAS label: CONSUMED OTHER SUBSTANCE: SPECIFY OTHER
Question: Q42e: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as other, specify?
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		

ADMINISTRATIVE INFORMATION

Variable name: INT23_49
SAS label: HOW RELIABLE IS THE QUESTIONNAIRE
Question: Q43: How reliable was the participant in completing the 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: INT_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q44: Did the participant complete the interview?
Note: None

Code or Value	Value description	Skip to item
1	Yes, completed the interview	
2	No, refused ALL questions	

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q45: Interviewer
Note: None

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

Personal Interview Form II

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q46: Date of interview
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: None
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.
Note: None

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

MEDICAL CONDITIONS

Variable name: MED3_1
SAS label: HIGH BLOOD PRESSURE (HBP)
Question: Q1: High blood pressure?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
3	Only during pregnancy	
9	Unknown	
.	Missing	

Variable name: MED3_2
SAS label: HBP AGE OF DIAGNOSIS
Question: Q1: If “Yes”, how old were you when you were first told by a medical person that you had high blood pressure (for women, not during pregnancy)?
Note: Indicate the actual age

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

Medical History Form

Variable name: MED3_3
SAS label: ARTHRITIS
Question: Q2: Arthritis?
Note: None

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

Variable name: MED3_4
SAS label: FRACTURE ASSOCIATED W/OSTEOPOROSIS
Question: Q3: Any fractures associated with osteoporosis?
Note: None

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

Variable name: MED3_4A
SAS label: FRACTURE WHERE
Question: Q3: If Yes, where?
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_5
SAS label: RHEUMATIC HEART DISEASE
Question: Q4: Rheumatic heart disease?
Note: None

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

Variable name: MED3_6
SAS label: GALLSTONES
Question: Q5: Gallstones?
Note: None

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

Variable name: MED3_7
SAS label: CANCER
Question: Q6: Cancer, including leukemia and lymphoma?
Note: None

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

Medical History Form

Variable name: MED3_7A
SAS label: CANCER TYPE
Question: Q6: If yes, specify type of cancer?
Note: None

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

Variable name: MED3_8
SAS label: DIABETES (DM)
Question: Q7: Diabetes?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	Impaired glucose tolerance (IGT)	
3	No	Skip to Q8 (MED3_16)
9	Unknown/unsure	
.	Missing	

Variable name: MED3_9
SAS label: DO YOU STILL HAVE DM NOW
Question: Q7a: 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: MED3_10
SAS label: DM AGE OF DIAGNOSIS
Question: Q7b: How old were you when you were first told by a medical person that you had diabetes?
Note: Indicate the actual age

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

Variable name: MED3_11
SAS label: DM TREATMENT: INSULIN
Question: Q7ci: What type of treatment are you taking for your diabetes?
Insulin
Note: Check appropriate answers

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

Variable name: MED3_12
SAS label: DM TREATMENT: ORAL HYPOGLYCEMIC
Question: Q7cii: What type of treatment are you taking for your diabetes?
Oral hypoglycemic agent
Note: Check appropriate answers

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

Medical History Form

Variable name: MED3_13
SAS label: DM TREATMENT: BY DIETARY CONTROL
Question: Q7ciii: What type of treatment are you taking for your diabetes?
By dietary control
Note: Check appropriate answers

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

Variable name: MED3_14
SAS label: DM TREATMENT: BY EXERCISE
Question: Q7civ: What type of treatment are you taking for your diabetes?
By exercise
Note: Check appropriate answers

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

Variable name: MED3_15
SAS label: DM TREATMENT: DO NOTHING
Question: Q7cv: What type of treatment are you taking for your diabetes?
Do nothing
Note: Check appropriate answers

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

Medical History Form

Variable name: MED3_15B
SAS label: DM TREATMENT: OTHER
Question: Q7cvi: What type of treatment are you taking for your diabetes?
Other
Note: Check appropriate answers

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

Variable name: MED315BL
SAS label: DM TREATMENT: OTHER, SPECIFY
Question: Q7cvi: What type of treatment are you taking for your diabetes?
Other, specify
Note: Check appropriate answers

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

Variable name: MED3_16
SAS label: KIDNEY FAILURE
Question: Q8: Has a medical person ever told you that you had kidney failure?
Note: None

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

Medical History Form

Variable name: MED3_17
SAS label: KIDNEY FAILURE ONE OR BOTH KIDNEYS WORKING WELL
Question: Q8a: If yes, are one or both working well now?
Note: None

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

Variable name: MED3_18
SAS label: KIDNEY FAILURE AGE OF DIAGNOSIS
Question: Q8b: How old were you when you were first told by a medical person that you had kidney failure?
Note: Indicate the actual age

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

Variable name: MED3_19
SAS label: RENAL DIALYSIS
Question: Q9: Are you currently on renal dialysis?
Note: None

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

Medical History Form

Variable name: MED3_20
SAS label: KIDNEY TRANSPLANT
Question: Q10: Have you ever had kidney transplant?
Note: None

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

Variable name: MED3_21
SAS label: KIDNEY TRANSPLANT NEW KIDNEY WORKING WELL
Question: Q10a: If Yes, is the new kidney working well?
Note: None

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

Variable name: MED3_22
SAS label: KIDNEY TRANSPLANT WAITING FOR KIDNEY TRANSPLANT
Question: Q10b: If No, are you waiting for a kidney
Note: None

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

Medical History Form

Variable name: MED3_23
SAS label: CIRRHOSIS OF LIVER
Question: Q11: Cirrhosis of the liver?
Note: None

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

LUNG PROBLEMS

Variable name: MED3_24
SAS label: EMPHYSEMA
Question: Q12a: Emphysema?
Note: None

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

Variable name: MED3_25
SAS label: HAY FEVER
Question: Q12b: Hay fever?
Note: None

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

Medical History Form

Variable name: MED3_26
SAS label: CHRONIC BRONCHITIS
Question: Q12c: Chronic bronchitis?
Note: None

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

Variable name: MED3_27
SAS label: ASTHMA
Question: Q12d: Asthma?
Note: None

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

Variable name: MED3_28
SAS label: STILL HAVE ASTHMA
Question: Q12d: If Yes for asthma, do you still have it now?
Note: None

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

HEART PROBLEMS

Variable name: MED3_29
SAS label: HEART CATHETERIZATION
Question: Q13: Have you had a heart catheterization? A heart catheterization is a study in which a tube is inserted into the heart through the groin or arm to see how the heart works.
Note: None

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

Variable name: MED3_29D
SAS label: HEART CATH DATE
Question: Q13a: If Yes, when and where?
Note: Record the most recent test

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

Variable name: MED3_29P
SAS label: HEART CATH HOSPITAL/CLINIC
Question: Q13a: Hospital/clinic
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_30
SAS label: EXERCISE TEST/TREADMILL
Question: Q14: Have you ever had a diagnostic exercise test or Treadmill test to check your heart?
Note: None

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

Variable name: MED3_30D
SAS label: EXERCISE TEST DATE
Question: Q14a: If yes, when and where?
Note: Record the most recent test

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

Variable name: MED3_30P
SAS label: EXERCISE TEST HOSPITAL/CLINIC
Question: Q14a: Hospital/clinic
Note: None

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

Since your last SHS exam, has a doctor told you that you had any of the following conditions?

Variable name: MED3_31
SAS label: CONGESTIVE HEART FAILURE
Question: Q15: Heart failure?
Note: None

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

Variable name: MED3_31D
SAS label: CONGESTIVE HEART FAILURE DATE
Question: Q15a: If Yes, when and where?
Note: None

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

Variable name: MED3_31P
SAS label: CONGESTIVE HEART FAILURE HOSPITAL/CLINIC
Question: Q15a: Hospital/clinic
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_32
SAS label: STILL HAVE HEART FAILURE NOW
Question: Q15b: If Yes, do you still have heart failure now?
Note: None

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

Variable name: MED3_33
SAS label: HEART ATTACK
Question: Q16: Heart attack?
Note: None

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

Variable name: MED3_33D
SAS label: HEART ATTACK DATE
Question: Q16a: If Yes, where and when?
Note: None

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

Medical History Form

Variable name: MED3_33P
SAS label: HEART ATTACK HOSPITAL/CLINIC
Question: Q16a: Hospital/clinic?
Note: None

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

Variable name: MED3_34
SAS label: ANY OTHER HEART TROUBLE
Question: Q17: Any other heart trouble?
Note: None

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

Variable name: MED3_34A
SAS label: SPECIFY OTHER HEART TROUBLE
Question: Q17: If Yes, please specify type
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_34D
SAS label: OTHER HEART TROUBLE DATE
Question: Q17a: If Yes, when and where?
Note: None

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

Variable name: MED3_34P
SAS label: OTHER HEART TROUBLE HOSPITAL/CLINIC
Question: Q17a: Hospital/clinic
Note: None

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

Variable name: MED3_35
SAS label: STROKE
Question: Q18: Stroke
Note: None

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

Medical History Form

Variable name: MED3_35A
SAS label: TYPE OF STROKE
Question: Q18: If Yes, please specify type
Note: None

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

Variable name: MED3_35D
SAS label: STROKE DATE
Question: Q18a: If yes, when and where?
Note: None

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

Variable name: MED3_35P
SAS label: STROKE HOSPITAL/CLINIC
Question: Q18a: Hospital/Clinic
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_36
SAS label: HAVE YOU HAD CHEST SURGERY
Question: Q19: Have you ever had surgery on your chest?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q20 (MED3_42A)
.	Missing	

Variable name: MED3_37
SAS label: WAS IT HEART SURGERY
Question: Q19a: Was it heart surgery?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q20 (MED3_42A)
.	Missing	

Variable name: MED3_38
SAS label: BYPASS
Question: Q19ai: Bypass?
Note: None

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

Medical History Form

Variable name: MED3_38D
SAS label: BYPASS DATE
Question: Q19ai: If yes, when and where
Note: None

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

Variable name: MED3_38P
SAS label: BYPASS HOSPITAL/CLINIC
Question: Q19ai: Hospital/clinic
Note: None

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

Variable name: MED3_39
SAS label: VALVULAR REPAIR/REPLACEMENT
Question: Q19aii: Valvular repair/replacement?
Note: None

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

Medical History Form

Variable name: MED3_39D
SAS label: VALVULAR REPAIR/REPLACE DATE
Question: Q19aii: If Yes, when and where?
Note: None

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

Variable name: MED3_39P
SAS label: VALVULAR REPAIR/REPLACE HOSPITAL/CLINIC
Question: Q19aii: Hospital/clinic
Note: None

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

Variable name: MED3_40
SAS label: PACEMAKER
Question: Q19aiii: Pacemaker?
Note: None

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

Medical History Form

Variable name: MED3_40D
SAS label: PACEMAKER DATE
Question: Q19aiii: If Yes, when and where?
Note: None

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

Variable name: MED3_40P
SAS label: PACEMAKER HOSPITAL/CLINIC
Question: Q19aiii: Hospital/clinic
Note: None

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

Variable name: MED3_41
SAS label: OTHER HEART SURGERY
Question: Q19aiv: Other?
Note: None

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

Medical History Form

Variable name: MED3_41A
SAS label: SPECIFY OTHER HEART SURGERY
Question: Q19aiv: Please specify?
Note: None

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

Variable name: MED3_41D
SAS label: OTHER HEART SURGERY DATE
Question: Q19aiv: If Yes, when and where?
Note: None

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

Variable name: MED3_41P
SAS label: OTHER HEART SURGERY HOSPITAL/CLINIC
Question: Q19aiv: Hospital/clinic
Note:

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

ACCESS TO MEDICAL CARE

Variable name: MED3_42A
SAS label: IHS: RECEIVED CARE IN PAST 5 YEARS
Question: Q20a: In the past 5 years, have you received any medical care at an IHS facility?
Note: None

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

Variable name: MED3_42B
SAS label: IHS: MAIN SOURCE OF CARE
Question: Q20a: What is your usual source of medical care? IHS facility
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_42C
SAS label: TRIBAL: RECEIVED CARE IN PAST 5 YEARS
Question: Q20b: In the past 5 years, have you received any medical care at a Tribal facility?
Note: None

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

Medical History Form

Variable name: MED3_42D
SAS label: TRIBAL: MAIN SOURCE OF CARE
Question: Q20b: What is your usual source of medical care? Tribal facility
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_43A
SAS label: PRIVATE FACILITY: RECEIVED CARE IN PAST 5 YEARS
Question: Q20c: In the past 5 years, have you received any medical care at a private facility?
Note: None

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

Variable name: MED3_43B
SAS label: PRIVATE FACILITY: MAIN SOURCE OF CARE
Question: Q20c: What is your usual source of medical care? Private facility
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medical History Form

Variable name: MED3_44A
SAS label: PRIVATE PRACTICE: RECEIVED CARE IN PAST 5 YEARS
Question: Q20d: In the past 5 years, have you received any medical care at a private practitioner?
Note: None

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

Variable name: MED3_44B
SAS label: PRIVATE PRACTICE: MAIN SOURCE OF CARE
Question: Q20d: What is your usual source of medical care? Private practitioner
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_44C
SAS label: TRADITIONAL HEALER: RECEIVED CARE IN PAST 5 YEARS
Question: Q20e: In the past 5 years, have you received any medical care at a traditional healer?
Note: None

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

Medical History Form

Variable name: MED3_44D
SAS label: TRADITIONAL HEALER: MAIN SOURCE OF CARE
Question: Q20e: What is your usual source of medical care? Traditional healer
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_45A
SAS label: VA: RECEIVED CARE IN PAST 5 YEARS
Question: Q20f: In the past 5 years, have you received any medical care at a VA/military facility?
Note: None

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

Variable name: MED3_45B
SAS label: VA: MAIN SOURCE OF CARE
Question: Q20f: What is your usual source of medical care? VA/military facility
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medical History Form

Variable name: MED3_46A
SAS label: HMO: RECEIVED CARE IN PAST 5 YEARS
Question: Q20g: In the past 5 years, have you received any medical care at a health maint. Org (HMO)?
Note: None

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

Variable name: MED3_46B
SAS label: HMO: MAIN SOURCE OF CARE
Question: Q20g: What is your usual source of medical care? Health maint. Org (HMO)
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_47A
SAS label: OTHER: RECEIVED CARE IN PAST 5 YEARS
Question: Q20h: In the past 5 years, have you received any medical care at a Other, list
Note: None

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

Medical History Form

Variable name: MED3_47L
SAS label: OTHER: SPECIFY RECEIVED CARE IN PAST 5 YEARS
Question: Q20h: In the past 5 years, have you received any medical care at a
Other, specify
Note: None

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

Variable name: MED3_47B
SAS label: OTHER: MAIN SOURCE OF CARE
Question: Q20h: What is your usual source of medical care? Other
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_48A
SAS label: NOWHERE: RECEIVED CARE IN PAST 5 YEARS
Question: Q20i: In the past 5 years, have you received any medical care at a
Nowhere
Note: None

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

Medical History Form

Variable name: MED3_48B
SAS label: NOWHERE: MAIN SOURCE OF CARE
Question: Q20i: What is your usual source of medical care? Nowhere
Note: Check only one

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_49A
SAS label: ADDITIONAL COVERAGE: NONE
Question: Q21: In addition to IHS coverage, what health insurance do you have? None
Note: Check all that apply

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_49B
SAS label: ADDITIONAL COVERAGE: PRIVATE INSURANCE
Question: Q21: In addition to IHS coverage, what health insurance do you have? Private insurance
Note: Check all that apply

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medical History Form

Variable name: MED3_49C
SAS label: ADDITIONAL COVERAGE: MEDICAID
Question: Q21: In addition to IHS coverage, what health insurance do you have? Medicaid
Note: Check all that apply

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_49D
SAS label: ADDITIONAL COVERAGE: MEDICARE
Question: Q21: In addition to IHS coverage, what health insurance do you have? Medicare
Note: Check all that apply

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_49E
SAS label: ADDITIONAL COVERAGE: VA
Question: Q21: In addition to IHS coverage, what health insurance do you have? Veteran/military hospital
Note: Check all that apply

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Medical History Form

Variable name: MED3_49G
SAS label: ADDITIONAL COVERAGE: HMO
Question: Q21: In addition to IHS coverage, what health insurance do you have? HMO
Note: Check all that apply

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_49F
SAS label: ADDITIONAL COVERAGE: OTHER
Question: Q21: In addition to IHS coverage, what health insurance do you have? Other, list
Note: Check all that apply

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MED3_49L
SAS label: ADDITIONAL COVERAGE: SPECIFY OTHER
Question: Q21: In addition to IHS coverage, what health insurance do you have? Other, specify
Note: Check all that apply

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_50
SAS label: TRANSPORTATION TO HEALTH CARE
Question: Q22: How do you get to your usual healthcare provide?
Note: Check only one

Code or Value	Value description	Skip to item
1	Myself	
2	Family member	
3	Friend	
4	Community health representative (CHR)	
5	Paid driver	
.	Missing	

Variable name: MED3_51
SAS label: COST OF TRANSPORTATION
Question: Q23: How much does it usually cost, out of pocket, for transportation to your usual healthcare provider?
Note: None

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

Medical History Form

Variable name: MED3_52
SAS label: TRAVEL TIME TO HEALTH CARE
Question: Q24: On the average, how long does it take you to get to your usual source of medical care?
Note: None

Code or Value	Value description	Skip to item
1	Less than 15 minutes	
2	15 to 30 minutes	
3	31 to 45 minutes	
4	45 to 60 minutes	
5	1 to 2 hours	
6	More than 2 hours	
.	Missing	

Variable name: MED3_53
SAS label: HOW ARE APPOINTMENTS MADE
Question: Q25: Does your usual source of medical care see patients by appointment?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q27a (MED3_55)
.	Missing	

Medical History Form

Variable name: MED3_57
SAS label: HOW LONG WAIT TO BE SEEN
Question: Q26: Once you get to your usual source of medical care, how long do you usually have to wait to see a healthcare provider?
Note: None

Code or Value	Value description	Skip to item
1	Less than 15 minutes	
2	15 to 30 minutes	
3	31 to 45 minutes	
4	45 to 60 minutes	
5	1 to 2 hours	
6	More than 2 hours	
.	Missing	

Variable name: MED3_54
SAS label: CAN YOU WALK IN
Question: Q27: If you need to be seen before your appointment, can you walk in and be seen?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q27a (MED3_55)
2	No	Skip to Q27b (MED3_56)
.	Missing	

Medical History Form

Variable name: MED3_55
SAS label: IF YES, HOW LONG TO BE SEEN
Question: Q27a: As a walk-in, how long does it usually take you to be seen by a physician or a physician's assistant?
Note: None

Code or Value	Value description	Skip to item
1	Less than 15 minutes	
2	15 to 30 minutes	
3	31 to 45 minutes	
4	45 to 60 minutes	
5	1 to 2 hours	
6	More than 2 hours	
.	Missing	

Variable name: MED3_56
SAS label: IF NO, HOW LONG TO GET ANOTHER APPOINTMENT
Question: Q27b: How long does it usually take you to get an extra appointment?
Note: None

Code or Value	Value description	Skip to item
1	2 days or less	
2	3 days to 1 week	
3	1 to 2 weeks	
4	3 to 4 weeks	
5	More than 4 weeks	
.	Missing	

Medical History Form

Variable name: MED3_58
SAS label: HOW MUCH DO YOU PAY FOR A VISIT
Question: Q28: How much do you have to pay “out-of-pocket” to see your usual healthcare provider for an outpatient visit, excluding travel costs?
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: MED_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q29: Did the participant complete the interview?
Note: None

Code or Value	Value description	Skip to item
1	Yes, completed the interview	
2	No, refused all questions	

Variable name: GENDER
SAS label: GENDER OF PARTICIPANT
Question: Is the participant female?
Note: None

Code or Value	Value description	Skip to item
1	Female	Go to REPRODUCTION AND HORMONE USE QUESTIONNAIRE
2	Male	Go to ROSE QUESTIONNAIRE

Medical History Form

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q30: Interviewer
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q31: Date of Interview
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: None
Note: None

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

Reproduction and Hormone Use Questionnaire

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

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

Variable name: REP3_1
SAS label: STOPPED MENSTRUATING
Question: Q1: Have your menstrual cycles stopped?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q5 (REP3_6)
.	Missing	

Variable name: REP3_2
SAS label: STOPPED MENSTRUATING ONE YEAR AGO
Question: Q2: If Yes, has it stopped for more than 12 months?
Note: None

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

Reproduction and Hormone Use Questionnaire

Variable name: REP3_3
SAS label: MENOPAUSE NATURAL OR SURGERY/HORMONE
Question: Q3: Was your menopause natural or did you have surgery?
Note: None

Code or Value	Value description	Skip to item
1	Natural	
2	Surgery	
.	Missing	

Variable name: REP3_4
SAS label: REMOVED UTERUS
Question: Q3a: If surgery, was only your uterus removed?
Note: None

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

Variable name: REP3_5
SAS label: AGE AT MENOPAUSE
Question: Q4: How old were you when your periods stopped?
Note: Indicate the age in years

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

ESTROGEN is a female hormone that may be taken after a hysterectomy or menopause.

Reproduction and Hormone Use Questionnaire

Variable name: REP3_6
SAS label: USED ESTROGEN
Question: Q5: Except for birth control pills, have you ever taken estrogen (either pills, as a patch or by shot) for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q8 (REP3_STAT)
.	Missing	

Variable name: REP3_7
SAS label: STILL TAKING ESTROGEN
Question: Q5a: If Yes, are you still taking estrogen?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q5b (REP3_17)
.	Missing	

Variable name: REP3_8
SAS label: STOP ESTROGEN: CAUSED BLEEDING
Question: Q5ai: If No why did you stop taking estrogen? It caused bleeding
Note: None

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

Reproduction and Hormone Use Questionnaire

Variable name: REP3_9
SAS label: STOP ESTROGEN: MADE BREASTS TENDER
Question: Q5ai: If No why did you stop taking estrogen? Made breasts tender
Note: None

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

Variable name: REP3_10
SAS label: STOP ESTROGEN: MADE ME FEEL BLOATED
Question: Q5ai: If No why did you stop taking estrogen? Made me feel bloated
Note: None

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

Variable name: REP3_11
SAS label: STOP ESTROGEN: MADE ME FUNNY
Question: Q5ai: If No why did you stop taking estrogen? Made you “funny”, didn’t like the way you felt
Note: None

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

Reproduction and Hormone Use Questionnaire

Variable name: REP3_12
SAS label: STOP ESTROGEN: DO NOT LIKE TAKING ANY MEDICATION
Question: Q5ai: If No why did you stop taking estrogen? Do not like taking any medications
Note: None

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

Variable name: REP3_13
SAS label: STOP ESTROGEN: TOO EXPENSIVE
Question: Q5ai: If No why did you stop taking estrogen? Too expensive
Note: None

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

Variable name: REP3_14
SAS label: STOP ESTROGEN: DOCTOR'S ADVICE
Question: Q5ai: If No why did you stop taking estrogen? Doctor's advice
Note: None

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

Reproduction and Hormone Use Questionnaire

Variable name: REP3_15
SAS label: STOP ESTROGEN: LONG TERM SIDE EFFECTS
Question: Q5ai: If No why did you stop taking estrogen? Concern about long term side effects
Note: None

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

Variable name: REP3_16
SAS label: STOP ESTROGEN: OTHER
Question: Q5ai: If No why did you stop taking estrogen? Other
Note: None

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

Variable name: REP3_16A
SAS label: STOP ESTROGEN: SPECIFY OTHER
Question: Q5ai: If No why did you stop taking estrogen? Other, specify
Note: None

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

Reproduction and Hormone Use Questionnaire

Variable name: REP3_17
SAS label: ESTROGEN USE: POST SURGERY
Question: Q5bi: Do/Did you use estrogen for post surgery (hysterectomy/ removal of ovaries)
Note: None

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

Variable name: REP3_18
SAS label: ESTROGEN USE: RELIEF OF MENOPAUSE
Question: Q5bii: Do/Did you use estrogen for relief of menopause symptoms?
Note: None

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

Variable name: REP3_19
SAS label: ESTROGEN USE: PREVENT BONE LOSS
Question: Q5biii: Do/Did you use estrogen for prevent bone loss?
Note: None

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

Reproduction and Hormone Use Questionnaire

Variable name: REP3_20
SAS label: ESTROGEN USE: PROTECT HEART DISEASE
Question: Q5biv: Do/Did you use estrogen for protect against heart disease?
Note: None

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

Variable name: REP3_21
SAS label: ESTROGEN USE: DOCTOR'S ADVICE
Question: Q5bv: Do/Did you use estrogen for doctor's advice?
Note: None

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

Variable name: REP3_22
SAS label: AGE STARTED ESTROGEN
Question: Q6: How old were you when you started using estrogen?
Note: Indicate the age in years

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

Reproduction and Hormone Use Questionnaire

Variable name: REP3_23
SAS label: YEARS USED ESTROGEN
Question: Q7: How many years altogether did you take estrogen?
Note: Specify the duration in years. If less than 3 months, record 0. If more than 3 months but less than 1 year, record 1.

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

ADMINISTRATIVE INFORMATION

Variable name: RE3_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q8: Does this participant complete the interview?
Note: None

Code or Value	Value description	Skip to item
1	Yes, completed the interview	
2	No, refused all questions	
.	Missing	

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q9: Interviewer
Note: None

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

Reproduction and Hormone Use Questionnaire

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q10: Date of interview
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: None
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.
Note: None

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

CHEST PAIN ON EFFORT

Variable name: ROSE3_1
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 (ROSE3_10)
.	Missing	

Variable name: ROSE3_2
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 (ROSE3_9)
3	Never hurries or walks uphill or upstairs	
4	Unable to walk	Skip to Q9 (ROSE3_9)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE3_3
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: ROSE3_4
SAS label: RESPONSE TO CHEST PAIN WHEN WALKING
Question: Q4: What do you do if you get it while you are walking?
Note: None

Code or Value	Value description	Skip to item
1	Stop or slow down	
2	Carry on	Skip to Q9 (ROSE3_9)
.	Missing	

Variable name: ROSE3_5
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 (ROSE3_9)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE3_6
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 (ROSE3_9)
.	Missing	

Variable name: ROSE3_7A
SAS label: CHEST PAIN: STERNUM (UPPER OR MIDDLE)
Question: Q7a: Will you show me where it is? Sternum (upper or middle)
Note: Record all areas mentioned

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

Variable name: ROSE3_7B
SAS label: CHEST PAIN: STERNUM (LOWER)
Question: Q7b: Will you show me where it is? Sternum (lower)
Note: Record all areas mentioned

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

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE3_7C
SAS label: CHEST PAIN: LEFT ANTERIOR CHEST
Question: Q7c: Will you show me where it is? Left anterior chest
Note: Record all areas mentioned

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

Variable name: ROSE3_7D
SAS label: CHEST PAIN: LEFT ARM
Question: Q7d: Will you show me where it is? Left arm
Note: Record all areas mentioned

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

Variable name: ROSE3_7E
SAS label: CHEST PAIN: OTHER
Question: Q7e: Will you show me where it is? Other
Note: Record all areas mentioned

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

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE3_8
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	

Variable name: ROSE3_8A
SAS label: ADDITIONAL INFORMATION ABOUT CHEST PAIN
Question: Q8: Do you feel it anywhere else?
Note: None

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

POSSIBLE INFARCTION

Variable name: ROSE3_9
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: ROSE3_10
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 (RS3_STAT)
3	Unable to walk	Skip to Q19 (RS3_STAT)
.	Missing	

Variable name: ROSE3_11
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 (RS3_STAT)
2	No	
.	Missing	

Variable name: ROSE3_12
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 (RS3_STAT)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE3_12A
SAS label: LEG PAIN LOCATION, IF CALVES NOT MENTIONED, SPECIFY
Question: Q12: In what part of your leg did you feel it? If calves not mentioned, specify
Note: None

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

Variable name: ROSE3_13
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 (RS3_STAT)
3	Never hurries or walks uphill or upstairs	
.	Missing	

Variable name: ROSE3_14
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	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE3_15
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 (RS3_STAT)
2	No	
.	Missing	

Variable name: ROSE3_16
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 (RS3_STAT)
.	Missing	

Variable name: ROSE3_17
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	Skip to Q19 (RS3_STAT)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE3_18
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: RS3_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q19: Did the participant complete the interview?
Note: None

Code or Value	Value description	Skip to item
1	Yes, completed the interview	
2	No, refused all questions	

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q20: Interviewer
Note: None

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

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q21: Date of interview
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: None
Note: None

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

Sleep Habits Questionnaire

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

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

Variable name: DATE02
SAS label: DATE FORM FILLED OUT
Question: Today's Date
Note: None

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

Variable name: TFAWDH02
SAS label: FALL ASLEEP WEEKDAY HOUR
Question: Q1A: At what time do you usually FALL ASLEEP on weekdays or work days? Hour
Note: None

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

Sleep Habits Questionnaire

Variable name: TFAWDM02
SAS label: FALL ASLEEP WEEKDAY MINUTE
Question: Q1A: At what time do you usually FALL ASLEEP on weekdays or work days? Minute
Note: None

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

Variable name: TFAWDA02
SAS label: FALL ASLEEP WEEKDAY AM/PM
Question: Q1A: At what time do you usually FALL ASLEEP on weekdays or work days? Time of day
Note: Midnight is 12:00 A.M.

Code or Value	Value description	Skip to item
1	A.M.	
2	P.M.	
.	Missing	

Variable name: TFAWEH02
SAS label: FALL ASLEEP WEEKEND HOUR
Question: Q1B: At what time do you usually FALL ASLEEP on weekends or non-work days? Hour
Note: None

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

Sleep Habits Questionnaire

Variable name: TFAWEM02
SAS label: FALL ASLEEP WEEKEND MINUTE
Question: Q1B: At what time do you usually FALL ASLEEP on weekends or non-work days? Minute
Note: None

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

Variable name: TFAWEA02
SAS label: FALL ASLEEP WEEKEND AM/PM
Question: Q1B: At what time do you usually FALL ASLEEP on weekends or non-work days? Time of Day
Note: Midnight is 12:00 A.M.

Code or Value	Value description	Skip to item
1	A.M.	
2	P.M.	
.	Missing	

Variable name: MI2SLP02
SAS label: NUMBER OF MINUTES TO FALL ASLEEP
Question: Q2: How many minutes does it usually take you to fall asleep at bedtime?
Note: Number of minutes

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

Sleep Habits Questionnaire

Variable name: TWUWDH02
SAS label: WAKE UP WEEKDAY HOUR
Question: Q3A: At what time do you usually WAKE UP on weekdays or work days? Hour
Note: None

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

Variable name: TWUWDM02
SAS label: WAKE UP WEEKDAY MINUTE
Question: Q3A: At what time do you usually WAKE UP on weekdays or work days? Minute
Note: None

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

Variable name: TWUWDA02
SAS label: WAKE UP WEEKDAY AM/PM
Question: Q3A: At what time do you usually WAKE UP on weekdays or work days? Time of Day
Note: Midnight is 12:00 A.M.

Code or Value	Value description	Skip to item
1	A.M.	
2	P.M.	
.	Missing	

Sleep Habits Questionnaire

Variable name: TWUWEH02
SAS label: WAKE UP WEEKEND HOUR
Question: Q3B: At what time do you usually WAKE UP on weekends or non-work days? Hour
Note: None

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

Variable name: TWUWEM02
SAS label: WAKE UP WEEKEND MINUTE
Question: Q3B: At what time do you usually WAKE UP on weekends or non-work days? Minute
Note: None

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

Variable name: TWUWEA02
SAS label: WAKE UP WEEKEND AM/PM
Question: Q3B: At what time do you usually WAKE UP on weekends or non-work days? Time of day
Note: Midnight is 12:00 A.M.

Code or Value	Value description	Skip to item
1	A.M.	
2	P.M.	
.	Missing	

Sleep Habits Questionnaire

Variable name: HRSWD02
SAS label: HOURS OF SLEEP WEEKDAYS
Question: Q4: How many hours of sleep do you usually get at night (or your primary sleep period) on week days or work days?
Note: None

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

Variable name: HRSWE02
SAS label: HOURS OF SLEEP WEEKENDS
Question: Q5: How many hours of sleep do you usually get at night (or your primary sleep period) on weekends or non-work days?
Note: None

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

Variable name: NAPS02
SAS label: NUMBER OF NAPS/WEEK
Question: Q6: During a usual week, how many times do you nap for five minutes or more?
Note: 0 = no naps

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

Sleep Habits Questionnaire

Variable name: TFA02
SAS label: TROUBLE FALLING ASLEEP
Question: Q7A: Have trouble falling asleep
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Variable name: WUDNRS02
SAS label: WAKE UP DURING NIGHT
Question: Q7B: Wake up during the night and have difficulty getting back to sleep
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Sleep Habits Questionnaire

Variable name: WU2EM02
SAS label: WAKE UP TOO EARLY IN THE MORNING
Question: Q7C: Wake up too early and are unable to get back to sleep
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Variable name: FUNRES02
SAS label: FEEL UNRESTED
Question: Q7D: Feel unrested during the day, no matter how many hours of sleep you've had
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Sleep Habits Questionnaire

Variable name: SLEEPY02
SAS label: FEEL EXCESSIVELY SLEEPY
Question: Q7E: Feel excessively (overly) sleep during the day
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Variable name: NGES02
SAS label: NOT ENOUGH SLEEP
Question: Q7F: Do not get enough sleep
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Sleep Habits Questionnaire

Variable name: TKPILL02
SAS label: TAKE SLEEPING PILLS
Question: Q7G: Take sleeping pills or other medication to help you sleep
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Variable name: HVSNRD02
SAS label: SNORE
Question: Q8: Have you ever snored (now or at any time in the past)?
Note: None

Code or Value	Value description	Skip to item
0	No	Skip to Q14 (STPBRT02)
1	Yes	
.	Missing	Skip to Q14 (STPBRT02)

Sleep Habits Questionnaire

Variable name: HOSNR02
SAS label: SNORE HOW OFTEN
Question: Q9: How often do you snore now?
Note: Please check only one

Code or Value	Value description	Skip to item
0	Do not snore any more	Skip to Q13 (SURGTR02)
1	Rarely (less than one night a week)	
2	Sometimes (1 or 2 nights a week)	
3	Frequently (3 to 5 nights a week)	
4	Always or almost always (6 or 7 nights a week)	
.	Missing	

Variable name: LOUDSN02
SAS label: SNORE HOW LOUD
Question: Q10: How loud is your snoring?
Note: Please check only one

Code or Value	Value description	Skip to item
1	Only slightly louder than heavy breathing	
2	About as loud as mumbling or talking	
3	Louder than talking	
4	Extremely loud - can be heard through a closed door	
.	Missing	

Sleep Habits Questionnaire

Variable name: YRSSNR02
SAS label: NUMBER OF YEARS SNORING
Question: Q11: How many years have you been snoring?
Note: Number of years

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

Variable name: ISSNOR02
SAS label: SNORING INCREASING/DECREASING
Question: Q12: Is your snoring?
Note: Please check only one

Code or Value	Value description	Skip to item
1	Increasing over time	
2	Decreasing over time	
3	Staying the same	
.	Missing	

Variable name: SURGTR02
SAS label: SNORING TREATMENT
Question: Q13: Have you ever had surgery as treatment for your snoring?
Note: None

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

Sleep Habits Questionnaire

Variable name: STPBRT02
SAS label: STOP BREATHING DURING SLEEP
Question: Q14: Are there times when you stop breathing during your sleep?
Note: None

Code or Value	Value description	Skip to item
0	No	Skip to Q16A (MDSA02)
1	Yes	
.	Missing	Skip to Q16A (MDSA02)

Variable name: HOSTBR02
SAS label: STOP BREATHING HOW OFTEN
Question: Q15: How often do you have times when you stop breathing during your sleep?
Note: None

Code or Value	Value description	Skip to item
1	Rarely (less than one night a week)	
2	Sometimes (1 or 2 nights a week)	
3	Frequently (3 to 5 nights a week)	
4	Always or almost always (6 or 7 nights a week)	
.	Missing	

Sleep Habits Questionnaire

Variable name: MDSA02
SAS label: SLEEP APNEA
Question: Q16A: Have you ever been told by a doctor that you have sleep apnea (a condition in which breathing stops briefly during sleep)?
Note: None

Code or Value	Value description	Skip to item
0	No	Skip to Q17 (O2THPY02)
1	Yes	
.	Missing	

Variable name: CPAP02
SAS label: WEAR A CPAP FOR SLEEP APNEA
Question: Q16B: Do you sleep with either a pressure mask (“CPAP”) or a mouthpiece as treatment for your sleep apnea?
Note: None

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

Variable name: SURGSA02
SAS label: SURGERY FOR SLEEP APNEA
Question: Q16C: Have you had surgery as treatment for your sleep apnea?
Note: None

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

Sleep Habits Questionnaire

Variable name: O2THPY02
SAS label: OXYGEN DURING SLEEP
Question: Q17: Do you usually use oxygen therapy (oxygen delivered by a mask or nasal cannula) during your sleep?
Note: None

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

Variable name: COUGH02
SAS label: AWAKENED BY COUGHING OR WHEEZING
Question: Q19A: In the past year, how often, on average, have you been awakened with coughing or wheezing?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Sleep Habits Questionnaire

Variable name: CP02
SAS label: AWAKENED BY CHEST PAIN OR TIGHTNESS?
Question: Q19B: In the past year, how often, on average, have you been awakened with chest pain or tightness?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Variable name: SOB02
SAS label: AWAKENED BY SHORTNESS OF BREATH?
Question: Q19C: In the past year, how often, on average, have you been awakened with shortness of breath?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Sleep Habits Questionnaire

Variable name: SWEATS02
SAS label: AWAKENED BY SWEATS OR HOT FLASHES
Question: Q19D: In the past year, how often, on average, have you been awakened with sweats or hot flashes?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Variable name: NOISE02
SAS label: AWAKENED BY NOISE IN YOUR SURROUNDINGS
Question: Q19E: In the past year, how often, on average, have you been awakened with noise in your surroundings?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Sleep Habits Questionnaire

Variable name: PAINJT02
SAS label: AWAKENED BY PAIN IN YOUR JOINTS
Question: Q19F: In the past year, how often, on average, have you been awakened with pain in your joints, muscles, or back?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Variable name: HB02
SAS label: AWAKENED BY HEARTBURN OR INDIGESTION
Question: Q19G: In the past year, how often, on average, have you been awakened with heartburn or indigestion?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Sleep Habits Questionnaire

Variable name: LEGCRP02
SAS label: AWAKENED BY LEG CRAMPS OR LEG JERKS?
Question: Q19H: In the past year, how often, on average, have you been awakened with leg cramps?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Variable name: NEEDBR02
SAS label: AWAKENED BY NEED TO GO TO THE BATHROOM
Question: Q19I: In the past year, how often, on average, have you been awakened with a need to go to the bathroom?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Rarely (1/month or less)	
3	Sometimes (2-4/month)	
4	Often (5-15/month)	
5	Almost always (16-30/month)	
.	Missing	

Sleep Habits Questionnaire

Variable name: MEMBHH02
SAS label: FAMILY MEMBERS NEAR YOUR ROOM WHILE SLEEPING
Question: Q19: During the past year, how often have one or more members of your household been in or near the room where you have slept?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	Sometimes	
3	Usually	
.	Missing	

Variable name: SITRD02
SAS label: DOZE OFF WHILE SITTING AND READING?
Question: Q20A: What is the chance that you would doze off or fall asleep (not just “feel tired”) when sitting and reading?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Sleep Habits Questionnaire

Variable name: WATV02
SAS label: DOZE OFF WHILE WATCHING TV?
Question: Q20B: What is the chance that you would doze off or fall asleep (not just “feel tired”) when watching television?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Variable name: SITPUB02
SAS label: DOZE OFF WHILE SITTING IN A PUBLIC SPACE
Question: Q20C: What is the chance that you would doze off or fall asleep (not just “feel tired”) when sitting inactive in a public place (such as a theater or meeting)?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Sleep Habits Questionnaire

Variable name: PGRCAR02
SAS label: DOZE OFF WHILE A PASSENGER IN A CAR
Question: Q20D: What is the chance that you would doze off or fall asleep (not just “feel tired”) when riding as a passenger in a car for an hour without a break?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Variable name: LYDWN02
SAS label: DOZE OFF WHILE LYING DOWN
Question: Q20E: What is the chance that you would doze off or fall asleep (not just “feel tired”) when lying down to rest in the afternoon when circumstances permit
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Sleep Habits Questionnaire

Variable name: SITTLK02
SAS label: DOZE OFF WHILE SITTING AND TALKING TO SOMEONE
Question: Q20F: What is the chance that you would doze off or fall asleep (not just “feel tired”) when sitting and talking to someone?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Variable name: SITLCH02
SAS label: DOZE OFF AFTER LUNCH WITHOUT ALCOHOL
Question: Q20G: What is the chance that you would doze off or fall asleep (not just “feel tired”) when sitting quietly after a lunch (without alcohol)?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Sleep Habits Questionnaire

Variable name: INCAR02
SAS label: DOZE OFF IN A CAR, WHILE STOPPED
Question: Q20H: What is the chance that you would doze off or fall asleep (not just “feel tired”) when in a car, while stopped for a few minutes in traffic?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Variable name: ATTABL02
SAS label: DOZE OFF AT THE DINNER TABLE?
Question: Q20I: What is the chance that you would doze off or fall asleep (not just “feel tired”) when at the dinner table?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

Sleep Habits Questionnaire

Variable name: DRIVE02
SAS label: DOZE OFF WHILE DRIVING?
Question: Q20J: What is the chance that you would doze off or fall asleep (not just “feel tired”) when while driving?
Note: None

Code or Value	Value description	Skip to item
1	No chance	
2	Slight chance	
3	Moderate chance	
4	High chance	
.	Missing	

ADMINISTRATIVE INFORMATION

Variable name: WHOADM02
SAS label: LANGUAGE OF INTERVIEW
Question: Interview administered in:
Note: None

Code or Value	Value description	Skip to item
0	Self-administered	
1	English	
2	Spanish	
3	Lakota	
4	Pima	
5	Other, specify	
6	6	
.	.	

Sleep Habits Questionnaire

Variable name: INTID02
SAS label: INTERVIEWER'S CODE
Question: Interview code
Note: None

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

Variable name: INTDT02
SAS label: INTERVIEW DATE
Question: Interviewer Date
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: None
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.
Note: None

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

TOBACCO, CAFFEINE, AND ALCOHOL USE

Variable name: EX3_1
SAS label: TOBACCO IN LAST 4 HOURS
Question: Q1: 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 Q2 (EX3_4)
.	Missing	

Variable name: EX3_2
SAS label: LAST USE IN TOBACCO (HRS)
Question: Q1a: How long ago did you last smoke or last use chewing tobacco or snuff?
Note: Specify the lag by hours

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

Physical Examination

Variable name: EX3_3
SAS label: LAST USE IN TOBACCO (MIN)
Question: Q1b: If less than an hour, specify the minutes
Note: None

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

Variable name: EX3_4
SAS label: HOW MANY ALCOHOLIC DRINKS PAST 24 HRS
Question: Q2: How many alcoholic drinks have you had in the last 24 hours?
Note: 0 = None

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

Variable name: EX3_5
SAS label: PHYSICAL ACTIVITY PAST 24 HRS
Question: Q3: Have you done any vigorous physical activity in the last 24 hours?
Note: None

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

Physical Examination

Variable name: EX3_6
SAS label: CAFFEINE IN LAST 4 HRS
Question: Q4: 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	Skip to Q5 (EX3_9)
.	Missing	

Variable name: EX3_7
SAS label: LAST USE IN CAFFEINE (HRS)
Question: Q4a: How long ago did you last have any coffee, tea, caffeinated soft drink or chocolate?
Note: Specify the lag by hours

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

Variable name: EX3_8
SAS label: LAST USE IN CAFFEINE (MIN)
Question: Q4b: If less than an hour, specify the minutes
Note: None

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

EXAMINATION OF EXTREMITIES FOR AMPUTATIONS

Variable name: EX3_9
SAS label: EXTREMITIES MISSING
Question: Q5: Are any extremities missing?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q6 (EX3_42)
.	Missing	

Variable name: EX3_10
SAS label: RIGHT ARM: MISSING
Question: Q5a: Right arm missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_11
SAS label: RIGHT ARM: CAUSE
Question: Q5a: Right arm missing cause
Note: None

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Physical Examination

Variable name: EX3_11A
SAS label: RIGHT ARM: OTHER CAUSE
Question: Q5a: Right arm missing other cause specify
Note: None

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

Variable name: EX3_12
SAS label: RIGHT HAND: MISSING
Question: Q5b: Right hand missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_13
SAS label: RIGHT HAND: CAUSE
Question: Q5b: Right hand missing cause
Note: None

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Physical Examination

Variable name: EX3_13A
SAS label: RIGHT HAND: OTHER CAUSE
Question: Q5b: Right hand missing other cause specify
Note: None

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

Variable name: EX3_14
SAS label: RIGHT FINGER(S): MISSING
Question: Q5c: Right finger(s) missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_15
SAS label: RIGHT FINGER(S): HOW MANY
Question: Q5c: Number or Right finger(s) missing
Note: None

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

Physical Examination

Variable name: EX3_16
SAS label: RIGHT FINGER(S): CAUSE
Question: Q5c: Right finger(s) missing 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: EX3_16A
SAS label: RIGHT FINGER(S): OTHER CAUSE
Question: Q5c: Right finger(s) missing other cause specify
Note: None

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

Variable name: EX3_17
SAS label: LEFT ARM: MISSING
Question: Q5d: Left arm missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Physical Examination

Variable name: EX3_18
SAS label: LEFT ARM: CAUSE
Question: Q5d: Left arm missing 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: EX3_18A
SAS label: LEFT ARM: OTHER CAUSE
Question: Q5d: Left arm missing other cause specify
Note: None

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

Variable name: EX3_19
SAS label: LEFT HAND: MISSING
Question: Q5e: Left hand missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Physical Examination

Variable name: EX3_20
SAS label: LEFT HAND: CAUSE
Question: Q5e: Left hand missing 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: EX3_20A
SAS label: LEFT HAND: OTHER CAUSE
Question: Q5e: Left hand missing other cause specify
Note: None

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

Variable name: EX3_21
SAS label: LEFT FINGER(S): MISSING
Question: Q5f: Left finger(s) missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Physical Examination

Variable name: EX3_22
SAS label: LEFT FINGER(S): HOW MANY
Question: Q5f: Number or Left finger(s) missing
Note: None

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

Variable name: EX3_23
SAS label: LEFT FINGER(S): CAUSE
Question: Q5f: Left finger(s) missing 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: EX3_23A
SAS label: LEFT FINGER(S): OTHER CAUSE
Question: Q5f: Left finger(s) missing other cause specify
Note: None

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

Physical Examination

Variable name: EX3_24
SAS label: RIGHT LEG ABOVE KNEE: MISSING
Question: Q5g: Right left above knee missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_25
SAS label: RIGHT LEG ABOVE KNEE: CAUSE
Question: Q5g: Right leg above knee missing 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: EX3_25A
SAS label: RIGHT LEG ABOVE KNEE: OTHER CAUSE
Question: Q5g: Right leg above knee missing other cause specify
Note: None

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

Physical Examination

Variable name: EX3_26
SAS label: RIGHT LEG BELOW KNEE: MISSING
Question: Q5h: Right leg below knee missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_27
SAS label: RIGHT LEG BELOW KNEE: CAUSE
Question: Q5h: Right leg below knee missing 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: EX3_27A
SAS label: RIGHT LEG BELOW KNEE: OTHER CAUSE
Question: Q5h: Right leg below knee missing other cause specify
Note: None

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

Physical Examination

Variable name: EX3_28
SAS label: RIGHT FOOT: MISSING
Question: Q5i: Right foot missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_29
SAS label: RIGHT FOOT: CAUSE
Question: Q5i: Right foot missing 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: EX3_29A
SAS label: RIGHT FOOT: OTHER CAUSE
Question: Q5i: Right foot missing other cause specify
Note: None

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

Physical Examination

Variable name: EX3_30
SAS label: RIGHT TOE(S): MISSING
Question: Q5j: Right toe(s) missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_31
SAS label: RIGHT TOE(S): HOW MANY
Question: Q5j: Number of right toe(s) missing
Note: None

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

Variable name: EX3_32
SAS label: RIGHT TOE(S): CAUSE
Question: Q5j: Right toe(s) missing cause
Note: None

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Physical Examination

Variable name: EX3_32A
SAS label: RIGHT TOE(S): OTHER CAUSE
Question: Q5j: Right toe(s) other cause specify
Note: None

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

Variable name: EX3_33
SAS label: LEFT LEG ABOVE KNEE: MISSING
Question: Q5k: Left leg above knee missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_34
SAS label: LEFT LEG ABOVE KNEE: CAUSE
Question: Q5k: Left leg above missing cause
Note: None

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Physical Examination

Variable name: EX3_34A
SAS label: LEFT LEG ABOVE KNEE: OTHER CAUSE
Question: Q5k: Left leg above knee other cause specify
Note: None

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

Variable name: EX3_35
SAS label: LEFT LEG BELOW KNEE: MISSING
Question: Q5l: Left leg below knee missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_36
SAS label: LEFT LEG BELOW KNEE: CAUSE
Question: Q5l: Left leg below knee missing cause
Note: None

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Physical Examination

Variable name: EX3_36A
SAS label: LEFT LEG BELOW KNEE: OTHER CAUSE
Question: Q5l: Left leg below knee other cause specify
Note: None

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

Variable name: EX3_37
SAS label: LEFT FOOT: MISSING
Question: Q5m: Left foot missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_38
SAS label: LEFT FOOT: CAUSE
Question: Q5m: Left foot missing cause
Note: None

Code or Value	Value description	Skip to item
1	Diabetes	
2	Trauma	
3	Congenital	
4	Other, please specify	
9	Unknown	
.	Missing	

Physical Examination

Variable name: EX3_38A
SAS label: LEFT FOOT: OTHER CAUSE
Question: Q5m: Left foot other cause specify
Note: None

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

Variable name: EX3_39
SAS label: LEFT TOE(S): MISSING
Question: Q5n: Left toe(s) missing
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: EX3_40
SAS label: LEFT TOE(S): HOW MANY
Question: Q5n: Number of left toe(s) missing
Note: None

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

Physical Examination

Variable name: EX3_41
SAS label: LEFT TOE(S): CAUSE
Question: Q5n: Left toe(s) missing 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: EX3_41A
SAS label: LEFT TOE(S): OTHER CAUSE
Question: Q5n: Left toe(s) other cause specify
Note: None

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

BLOOD PRESSURE

Variable name: EX3_42
SAS label: RIGHT ARM CIRCUMFERENCE (CM)
Question: Q6: Right arm circumference, measured in centimeters (cm)?
Note: None

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

Physical Examination

Variable name: EX3_43
SAS label: CUFF SIZE
Question: Q7: 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: EX3_44
SAS label: PULSE OBLITERATION PRESSURE
Question: Q8: Pulse obliteration pressure
Note: None

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

Variable name: EX3_45
SAS label: SYSTOLIC: 1ST BP
Question: Q9a: First systolic blood pressure measurement
Note: None

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

Physical Examination

Variable name: EX3_46
SAS label: DIASTOLIC: 1ST BP
Question: Q9a: First diastolic blood pressure measurement
Note: None

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

Variable name: EX3_47
SAS label: SYSTOLIC: 2ND BP
Question: Q9b: Second systolic blood pressure measurement
Note: None

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

Variable name: EX3_48
SAS label: DIASTOLIC: 2ND BP
Question: Q9b: Second diastolic blood pressure measurement
Note: None

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

Variable name: EX3_49
SAS label: SYSTOLIC: 3RD BP
Question: Q9c: Third systolic blood pressure measurement
Note: None

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

Physical Examination

Variable name: EX3_50
SAS label: DIASTOLIC: 3RD BP
Question: Q9c: Third diastolic blood pressure measurement
Note: None

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

Variable name: EX3_51
SAS label: BP NOT FROM RIGHT ARM
Question: Q10: Were the above pressure 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	

Variable name: EX3_51A
SAS label: BP NOT FROM RIGHT ARM SPECIFY
Question: Q10: Were the above pressure taken from left arm because of missing right arm or some other reason? If yes, specify
Note: None

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

Physical Examination

Variable name: EX3_52
SAS label: RECORDER ID FOR BP MEASUREMENT
Question: Q11: Recorder ID (For the SHS staff who took BPs)
Note: None

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

GIRTH MEASUREMENTS

Variable name: EX3_53
SAS label: HEIGHT STANDING (CM)
Question: Q12: Height standing (cm)
Note: None

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

Variable name: EX3_54
SAS label: HEIGHT STANDING (IN)
Question: Q12: Height standing (in)
Note: None

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

Variable name: EX3_55
SAS label: WEIGHT (KG)
Question: Q13: Weight (kg)
Note: None

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

Physical Examination

Variable name: EX3_56
SAS label: WEIGHT (LB)
Question: Q13: Weight (lb)
Note: None

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

Variable name: EX3_57
SAS label: HIP CIRCUMFERENCE STANDING (CM)
Question: Q14: Hip circumference (cm)
Note: None

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

Variable name: EX3_58
SAS label: HIP CIRCUMFERENCE STANDING (IN)
Question: Q14: Hip circumference (in)
Note: None

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

Variable name: EX3_59
SAS label: WAIST SUPINE (CM)
Question: Q15: Waist measurement at umbilicus (cm)
Note: None

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

Physical Examination

Variable name: EX3_60
SAS label: WAIST SUPINE (IN)
Question: Q15: Waist measurement at umbilicus (in)
Note: None

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

PEDAL PULSES AND EDEMA

Variable name: EX3_61
SAS label: RIGHT POSTERIOR TIBIAL PULSE
Question: Q16: Right posterior tibial pulse
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
9	Unable to assess	
.	Missing	

Variable name: EX3_62
SAS label: RIGHT DORSALIS PEDIS PULSE
Question: Q17: Right dorsalis pedis pulse
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
9	Unable to assess	
.	Missing	

Physical Examination

Variable name: EX3_63
SAS label: LEFT POSTERIOR TIBIAL PULSE
Question: Q18: Left posterior tibial pulse
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
9	Unable to assess	
.	Missing	

Variable name: EX3_64
SAS label: LEFT DORSALIS PEDIS PULSE
Question: Q19: Left dorsalis pedis pulse
Note: None

Code or Value	Value description	Skip to item
1	Present	
2	Absent	
3	Missing limbs	
9	Unable to assess	
.	Missing	

Variable name: EX3_65
SAS label: PEDAL EDEMA
Question: Q20: Pedal edema
Note: None

Code or Value	Value description	Skip to item
1	Absent	
2	Mild	
3	Marked	
.	Missing	

IMPEDANCE MEASUREMENT

Variable name: EX3_70
SAS label: IMPEDANCE TAKEN
Question: Q21a: Was impedance taken?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q21b (EX3_68)
2	No	
.	Missing	

Variable name: EX3_70A
SAS label: IMPEDANCE NOT TAKEN REASON
Question: Q21a: If No, due to:
Note: None

Code or Value	Value description	Skip to item
1	Amputation	
2	Wound/dressing	
3	Cast	
9	Refusal	
.	Missing	

Variable name: EX3_68
SAS label: IMPEDANCE TAKEN ON LEFT SIDE
Question: Q21b: Taken on left side?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q12c (EX3_67)
.	Missing	

Physical Examination

Variable name: EX3_69
SAS label: IMPEDANCE TAKEN ON LEFT SIDE REASON
Question: Q21b: If yes, due to:
Note: None

Code or Value	Value description	Skip to item
1	Amputation	
2	Wound/dressing	
3	Cast	
9	Refusal	
.	Missing	

Variable name: EX3_66
SAS label: RESISTANCE
Question: Q21c: Resistance
Note: None

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

Variable name: EX3_67
SAS label: REACTANCE
Question: Q21d: Reactance
Note: None

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

DOPPLER BLOOD PRESSURE

Doppler blood pressure is measured in the posterior tibial artery. If not audible, use dorsalis pedis. Use left arm if left arm was used for standard blood pressure reading.

Variable name: EX3_71
SAS label: RIGHT ARM: 1ST DOPPLER BP
Question: Q22a: Right arm first systolic B.P.
Note: None

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

Variable name: EX3_72
SAS label: RIGHT ANKLE: 1ST DOPPLER BP
Question: Q22a: Right ankle first systolic B.P.
Note: None

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

Variable name: EX3_73
SAS label: LEFT ANKLE: 1ST DOPPLER BP
Question: Q22a: Left ankle first systolic B.P.
Note: None

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

Physical Examination

Variable name: EX3_74
SAS label: RIGHT ARM: 2ND DOPPLER BP
Question: Q22b: Right arm second systolic B.P.
Note: None

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

Variable name: EX3_75
SAS label: RIGHT ANKLE: 2ND DOPPLER BP
Question: Q22b: Right ankle second systolic B.P.
Note: None

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

Variable name: EX3_76
SAS label: LEFT ANKLE: 2ND DOPPLER BP
Question: Q22b: Left ankle second systolic B.P.
Note: None

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

Variable name: EX3_77
SAS label: RIGHT ANKLE DOPPLER LOCATION
Question: Q22c: Right ankle Doppler location
Note: None

Code or Value	Value description	Skip to item
1	Posterior tibial	
2	Dorsalis pedis	
.	Missing	

Physical Examination

Variable name: EX3_78
SAS label: LEFT ANKLE DOPPLER LOCATION
Question: Q22c: Left ankle Doppler location
Note: None

Code or Value	Value description	Skip to item
1	Posterior tibial	
2	Dorsalis pedis	
.	Missing	

Variable name: EX3_84
SAS label: ECG PERFORMED
Question: Q23: Was an ECG performed?
Note: None

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

BREATH CO

Variable name: EX3_85
SAS label: BREATH CO DONE
Question: Q24: Was breath CO done?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q25 (EX3_STAT)
.	Missing	

Physical Examination

Variable name: EX3_79
SAS label: AMBIENT CO
Question: Q24a: Ambient
Note: None

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

Variable name: EX3_80
SAS label: CO [PPM]: 1ST
Question: Q24a: First CO [ppm]
Note: None

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

Variable name: EX3_81
SAS label: CO [PPM]: 2ND
Question: Q24a: Second CO [ppm]
Note: None

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

Variable name: EX3_82
SAS label: CO [PPM]: 3RD
Question: Q24a: Third CO [ppm]
Note: None

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

Physical Examination

Variable name: EX3_83
SAS label: CO [PPM]: 4TH
Question: Q24a: Fourth CO [ppm]
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: EX3_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q25: Did the participant complete the interview?
Note: None

Code or Value	Value description	Skip to item
1	Yes, completed the interview	
2	No, refused all questions	

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q26: SHS Code of person completing this form
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q27: Date of examination
Note: None

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

Physical Examination

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

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

Diabetic Foot Screen

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

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

Variable name: FOOT3_1A
SAS label: RIGHT FOOT ULCER
Question: Q1a: Is there an ulcer on the right foot?
Note: None

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

Variable name: FOOT3_1B
SAS label: LEFT FOOT ULCER
Question: Q1b: Is there an ulcer on the left foot?
Note: None

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

Diabetic Foot Screen

Variable name: FOOT3_2
SAS label: HISTORY OF FOOT ULCER
Question: Q2: Is there a history of foot ulcer?
Note: None

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

Variable name: FOOT3_3
SAS label: FOOT NUMB
Question: Q3: Is either foot numb?
Note: None

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

Variable name: FOOT3_4A
SAS label: RT. TOP
Question: Q4a: Feel 10 gram filament on right top foot?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Diabetic Foot Screen

Variable name: FOOT3_4B
SAS label: RT. LARGE TOE
Question: Q4b: Feel 10 gram filament on right large toe?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Variable name: FOOT3_4C
SAS label: RT. MIDDLE TOE
Question: Q4c: Feel 10 gram filament on right middle toe?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Variable name: FOOT3_4D
SAS label: RT. SMALL TOE
Question: Q4d: Feel 10 gram filament on right small toe?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Diabetic Foot Screen

Variable name: FOOT3_4E
SAS label: RT. SOLE FRONT
Question: Q4e: Feel 10 gram filament on right sole front?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Variable name: FOOT3_4F
SAS label: RT. SOLE RIGHT
Question: Q4f: Feel 10 gram filament on right sole right?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Variable name: FOOT3_4G
SAS label: RT. SOLE LEFT
Question: Q4g: Feel 10 gram filament on right sole left?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Diabetic Foot Screen

Variable name: FOOT3_4H
SAS label: RT. SOLE BACK RIGHT
Question: Q4h: Feel 10 gram filament on right sole back right?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Variable name: FOOT3_4I
SAS label: RT. SOLE BACK LEFT
Question: Q4i: Feel 10 gram filament on right sole back left?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Variable name: FOOT3_4J
SAS label: RT. HEEL
Question: Q4j: Feel 10 gram filament on right heel?
Note: None

Code or Value	Value description	Skip to item
1	Positive	
2	Negative	
.	Missing	

Diabetic Foot Screen

Variable name: FOOT3_5
SAS label: UNABLE TO MEASURE DUE TO MEDICAL REASONS
Question: Q5: Unable to measure due to medical reasons?
Note: If the right foot has been amputated, conduct exam on the left foot

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

Variable name: FOOT3_6
SAS label: MEASURE ON LEFT FOOT
Question: Q6: Measured on left foot?
Note: None

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

Variable name: FOOT3_6A
SAS label: REASON FOR MEASURE ON LEFT FOOT
Question: Q6a: If Yes, due to right foot:
Note: None

Code or Value	Value description	Skip to item
1	Amputation	
2	Wound/dressing	
3	Cast	
8	Refusal	
.	Missing	

Diabetic Foot Screen

Variable name: FOOT3_7A
SAS label: NUMBER OF POSITIVE ANSWERS
Question: Q7a: Number of positive answers
Note: None

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

Variable name: FOOT3_7B
SAS label: NUMBER OF SITES TESTED
Question: Q7b: Number of sites tested
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: FT3_STAT
SAS label: WHETHER PARTICIPANT COMPLETE THE FORM
Question: Q8: Did the participant complete the exam?
Note: None

Code or Value	Value description	Skip to item
1	Yes, completed the interview	
2	No, refused all questions	
.	Missing	

Diabetic Foot Screen

Variable name: INT_CODE
SAS label: EXAMED BY
Question: Q9: Examined by
Note: None

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

Variable name: INT_DATE
SAS label: EXAM DATE
Question: Q10: Date of examination
Note: None

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

Variable name: CENTER
SAS label: CENTER
Question: None
Note: None

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

Quality of Life (SF-36)

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

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

Variable name: QUA3_0
SAS label: QUESTIONNAIRE COMPLETED
Question: How is this questionnaire administered?
Note: None

Code or Value	Value description	Skip to item
1	By interviewer	
2	By self	
8	Refused	
.	Missing	

Variable name: QUA3_1
SAS label: HEALTH IN GENERAL
Question: Q1: In general, would you say your health is:
Note: None

Code or Value	Value description	Skip to item
1	Excellent	
2	Very good	
3	Good	
4	Fair	
5	Poor	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_2
SAS label: HEALTH NOW COMPARED TO ONE YEAR AGO
Question: Q2: Compared to one year ago, how would you rate your health in general, now?
Note: None

Code or Value	Value description	Skip to item
1	Much better than one year ago	
2	Somewhat better than one year ago	
3	About the same	
4	Somewhat worse than one year ago	
5	Much worse than one year ago	
.	Missing	

The following items are about activities you might do during a typical day. Does your health now limit these activities? If so, how much?

Variable name: QUA3_3
SAS label: VIGOROUS ACTIVITIES
Question: Q3: Vigorous activities, such as running, lifting heavy objects, participating in strenuous sports
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_4
SAS label: MODERATE ACTIVITIES
Question: Q4: Moderate activities, such as moving a table, pushing a vacuum cleaner, bowling or playing golf
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Variable name: QUA3_5
SAS label: LIFTING OR CARRYING
Question: Q5: Lifting or carrying groceries
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Variable name: QUA3_6
SAS label: CLIMBING SEVERAL STAIRS
Question: Q6: Climbing several flights of stairs
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_7
SAS label: CLIMBING ONE FLIGHT
Question: Q7: Climbing one flight of stairs
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Variable name: QUA3_8
SAS label: BENDING, KNEELING, STOOPING
Question: Q8: Bending, kneeling, or stooping
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Variable name: QUA3_9
SAS label: WALKING MORE THAN 1 MILE
Question: Q9: Walking more than a mile
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_10
SAS label: WALKING SEVERAL BLOCKS
Question: Q10: Walking several blocks
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Variable name: QUA3_11
SAS label: WALKING ONE BLOCK
Question: Q11: Walking one block
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Variable name: QUA3_12
SAS label: BATHING OR DRESSING YOURSELF
Question: Q12: Bathing or dressing yourself
Note: None

Code or Value	Value description	Skip to item
1	Yes, limited a lot	
2	Yes, limited a little	
3	No, not limited at all	
.	Missing	

Quality of Life (SF-36)

During the PAST 4 WEEKS, have you had any of the following problems with your work or other regular daily activities AS A RESULT OF YOUR PHYSICAL HEALTH?

Variable name: QUA3_13
SAS label: CUT DOWN ON WORK OR ACTIVITIES DUE TO PHYSICAL HEALTH
Question: Q13: Cut down on the amount of time you spend on work or other activities
Note: None

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

Variable name: QUA3_14
SAS label: ACCOMPLISH LESS DUE TO PHYSICAL HEALTH
Question: Q14: Accomplish less than you would like
Note: None

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

Variable name: QUA3_15
SAS label: LIMITED IN TYPE OF WORK DUE TO PHYSICAL HEALTH
Question: Q15: Were limited in the kind of work or other activities
Note: None

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

Quality of Life (SF-36)

Variable name: QUA3_16
SAS label: DIFFICULTY PERFORMING WORK OR ACTIVITIES DUE TO PHYSICAL HEALTH
Question: Q16: Had difficulty performing the work or other activities (for example, it took extra effort)
Note: None

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

During the PAST 4 WEEKS, have you had any of the following problems with your work or other regular daily activities AS A RESULT OF ANY EMOTIONAL PROBLEMS (such as feeling depressed or anxious)?

Variable name: QUA3_17
SAS label: CUT DOWN ON WORK OR ACTIVITIES DUE TO EMOTIONAL PROBLEMS
Question: Q17: Cut down on the amount of time you spend on work or other activities
Note: None

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

Quality of Life (SF-36)

Variable name: QUA3_18
SAS label: ACCOMPLISH LESS DUE TO EMOTIONAL PROBLEMS
Question: Q18: Accomplish less than you would like
Note: None

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

Variable name: QUA3_19
SAS label: DIDN'T DO WORK OR ACTIVITIES CAREFULLY DUE TO EMOTIONAL PROBLEMS
Question: Q19: Didn't do work or other activities as carefully as usual
Note: None

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

Variable name: QUA3_20
SAS label: HEALTH INTERFERED WITH ACTIVITIES WITH FAMILY/FRIENDS
Question: Q20: During the PAST 4 WEEKS, to what extent has your physical health of emotional problems interfered with your normal social activities with family, friends, neighbors, or groups?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Slightly	
3	Moderately	
4	Quite a bit	
5	Extremely	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_21
SAS label: BODILY PAIN DURING PAST 4 WEEKS
Question: Q21: How much BODILY pain have you had during the PAST 4 WEEKS?
Note: None

Code or Value	Value description	Skip to item
1	None	
2	Very mild	
3	Mild	
4	Moderate	
5	Severe	
6	Very severe	
.	Missing	

Variable name: QUA3_22
SAS label: PAIN INTERFERE WITH NORMAL WORK
Question: Q22: During the PAST 4 WEEKS, how much did pain interfere with your normal work (including both work outside the home and housework)?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Slightly	
3	Moderately	
4	Quite a bit	
5	Extremely	
.	Missing	

Quality of Life (SF-36)

These questions are about how you feel and how things have been with you during the PAST 4 WEEKS. For each question, please give the one answer that comes closest to the way you have been feeling.

Variable name: QUA3_23
SAS label: FULL OF PEP
Question: Q23: Did you feel full of pep?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Variable name: QUA3_24
SAS label: BEEN NERVOUS
Question: Q24: Have you been a very nervous person?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_25
SAS label: FELT DOWN IN THE DUMPS
Question: Q25: Have you felt so down in the dumps that nothing could cheer you up?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Variable name: QUA3_26
SAS label: FELT CALM AND PEACEFUL
Question: Q26: have you felt calm and peaceful?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_27
SAS label: HAD A LOT OF ENERGY
Question: Q27: Did you have a lot of energy?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Variable name: QUA3_28
SAS label: FEEL DOWNHEARTED AND BLUE
Question: Q28: Did you feel downhearted and blue?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_29
SAS label: FEEL WORN OUT
Question: Q29: Did you feel worn out?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Variable name: QUA3_30
SAS label: BEEN A HAPPY PERSON
Question: Q30: Have you been a happy person?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_31
SAS label: FEEL TIRED
Question: Q31: Did you feel tired?
Note: None

Code or Value	Value description	Skip to item
1	All of the time	
2	Most of the time	
3	A good bit of the time	
4	Some of the time	
5	A little of the time	
6	None of the time	
.	Missing	

Variable name: QUA3_32
SAS label: PHYSICAL HEALTH & EMOTIONAL PROBLEMS INTERFERE WITH SOCIAL ACTIVITY
Question: Q32: During the PAST 4 WEEKS, how much of the time has your PHYSICAL HEALTH or EMOTIONAL PROBLEMS interfered with your social activities (like visiting with friends, relatives, etc.)?
Note: None

Code or Value	Value description	Skip to item
1	All the time	
2	Most of the time	
3	Some of the time	
4	A little of the time	
5	None of the time	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_33
SAS label: GET SICKER THAN OTHER PEOPLE
Question: Q33: I seem to get sick a little easier than other people
Note: None

Code or Value	Value description	Skip to item
1	Definitely true	
2	Mostly true	
3	Don't know	
4	Mostly false	
5	Definitely false	
.	Missing	

Variable name: QUA3_34
SAS label: AS HEALTHY AS ANYBODY I KNOW
Question: Q34: I am as healthy as anybody I know
Note: None

Code or Value	Value description	Skip to item
1	Definitely true	
2	Mostly true	
3	Don't know	
4	Mostly false	
5	Definitely false	
.	Missing	

Quality of Life (SF-36)

Variable name: QUA3_35
SAS label: EXPECT MY HEALTH TO GET WORSE
Question: Q35: I expect my health to get worse
Note: None

Code or Value	Value description	Skip to item
1	Definitely true	
2	Mostly true	
3	Don't know	
4	Mostly false	
5	Definitely false	
.	Missing	

Variable name: QUA3_36
SAS label: HEALTH IS EXCELLENT
Question: Q36: My health is excellent
Note: None

Code or Value	Value description	Skip to item
1	Definitely true	
2	Mostly true	
3	Don't know	
4	Mostly false	
5	Definitely false	
.	Missing	

ADMINISTRATIVE INFORMATION

Variable name: QUA3_37
SAS label: LANGUAGE THE INTERVIEW CONDUCTED
Question: Q37: Interview conducted in:
Note: None

Code or Value	Value description	Skip to item
1	English	
2	Native language	
3	Other	
.	.	

Variable name: QUA3_37A
SAS label: LANGUAGE THE INTERVIEW CONDUCTED SPECIFY
Question: Q37: Interview conducted in: specify other
Note: None

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

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q38: Interviewer
Note: None

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

Quality of Life (SF-36)

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q39: Date completed
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: None
Note: None

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

Gambling Questionnaire

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

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

Variable name: GAM3_1
SAS label: WORK AT A CASINO/BINGO PARLOR
Question: Q1: Do you work at a casino/bingo hall?
Note: None

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

Variable name: GAM3_2A
SAS label: GAMBLING EFFECTS: TRIBAL GOVERNMENT
Question: Q2a: Overall, what effects do you think gambling has on the following: Tribal government
Note: None

Code or Value	Value description	Skip to item
1	Beneficial	
2	Harmful	
3	No effects	
.	Missing	

Gambling Questionnaire

Variable name: GAM3_2B
SAS label: GAMBLING EFFECTS: TRIBAL PEOPLE
Question: Q2b: Overall, what effects do you think gambling has on the following: Tribal people
Note: None

Code or Value	Value description	Skip to item
1	Beneficial	
2	Harmful	
3	No effects	
.	Missing	

Variable name: GAM3_2C
SAS label: GAMBLING EFFECTS: YOU PERSONALLY
Question: Q2c: Overall, what effects do you think gambling has on the following: You personally
Note: None

Code or Value	Value description	Skip to item
1	Beneficial	
2	Harmful	
3	No effects	
.	Missing	

Variable name: GAM3_3
SAS label: SLOT MACHINES
Question: Q3a: What type(s) of gambling have you participated in during the last year? Slot machines
Note: None

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

Gambling Questionnaire

Variable name: GAM3_4
SAS label: FREQUENCY OF PLAYING SLOT MACHINES
Question: Q3a: If yes to slot machines, how often?
Note: None

Code or Value	Value description	Skip to item
1	1 or more times a week	
2	1 or more times a month	
3	Less than once a month	
.	Missing	

Variable name: GAM3_5
SAS label: LOTTERY
Question: Q3b: What type(s) of gambling have you participated in during the last year? Lottery
Note: None

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

Variable name: GAM3_6
SAS label: FREQUENCY OF PLAYING LOTTERY
Question: Q3b: If yes to lottery, how often?
Note: None

Code or Value	Value description	Skip to item
1	1 or more times a week	
2	1 or more times a month	
3	Less than once a month	
.	Missing	

Gambling Questionnaire

Variable name: GAM3_7
SAS label: BINGO
Question: Q3c: What type(s) of gambling have you participated in during the last year? Bingo
Note: None

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

Variable name: GAM3_8
SAS label: FREQUENCY OF PLAYING BINGO
Question: Q3c: If yes to bingo, how often?
Note: None

Code or Value	Value description	Skip to item
1	1 or more times a week	
2	1 or more times a month	
3	Less than once a month	
.	Missing	

Variable name: GAM3_9
SAS label: CARD GAMES
Question: Q3d: What type(s) of gambling have you participated in during the last year? Card games (i.e. poker)
Note: None

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

Gambling Questionnaire

Variable name: GAM3_10
SAS label: FREQUENCY OF PLAYING CARD GAMES
Question: Q3d: If yes to card games, how often?
Note: None

Code or Value	Value description	Skip to item
1	1 or more times a week	
2	1 or more times a month	
3	Less than once a month	
.	Missing	

Variable name: GAM3_11
SAS label: OTHER GAMBLING
Question: Q3e: What type(s) of gambling have you participated in during the last year? Other, specify
Note: None

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

Variable name: GAM3_11A
SAS label: SPECIFY OTHER GAMBLING
Question: Q3e: What type(s) of gambling have you participated in during the last year? Other, specify
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		

Gambling Questionnaire

Variable name: GAM3_12
SAS label: FREQUENCY OF OTHER GAMBLING
Question: Q3a: If yes to other, how often?
Note: None

Code or Value	Value description	Skip to item
1	1 or more times a week	
2	1 or more times a month	
3	Less than once a month	
.	Missing	

Skip to Q9 (GAM3_STAT) if person does not gamble.

Variable name: GAM3_13
SAS label: LOST MORE THAN WON IN THE PAST YEAR
Question: Q4: In the past year, have you lost more than you won?
Note: None

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

Variable name: GAM3_14
SAS label: ATTEMPTS TO STOP GAMBLING IN THE PAST YEAR
Question: Q5: In the past year, have you made attempts to control, cut back, or stop gambling?
Note: None

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

Gambling Questionnaire

Variable name: GAM3_15
SAS label: SUCCESSFUL OF STOPPING GAMBLING
Question: Q5a: If yes, have your attempts been successful?
Note: None

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

Variable name: GAM3_16
SAS label: NEED TO BORROW MONEY TO PAY BASIC LIVING
Question: Q6: In the past year, have you had to borrow money to pay basic living expenses (such as food, mortgage/rent), because of gambling losses?
Note: None

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

Variable name: GAM3_17
SAS label: ALCOHOL DRINKING DURING GAMBLING DAY
Question: Q7: When you are gambling, how much alcohol do you drink that day?
Note: None

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

Gambling Questionnaire

Variable name: GAM3_18
SAS label: LARGEST AMOUNT BEEN WAGERED IN THE PAST
Question: Q8: In the past year, what is the largest amount you have bet on any single day?
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: GAM3_STAT
SAS label: WHETHER PARTICIPANT COMPLETE THE FORM
Question: Q9: Did the participant complete the interview?
Note: None

Code or Value	Value description	Skip to item
1	Yes, completed the interview	
2	No, refused all questions	

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q10: Interviewer
Note: None

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

Gambling Questionnaire

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q11: Date of interview
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: None
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: S3DATE
SAS label: SHS3 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: S3KCAL
SAS label: SHS3 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: S3TOTALFAT
SAS label: SHS3 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: S3CARB
SAS label: SHS3 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: S3PROTEIN
SAS label: SHS3 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: S3ANIMPROT
SAS label: SHS3 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: S3VEGPROT
SAS label: SHS3 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: S3ALCOHOL
SAS label: SHS3 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: S3CHOLEST
SAS label: SHS3 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: S3TSFA
SAS label: SHS3 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: S3TMFA
SAS label: SHS3 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: S3TPFA
SAS label: SHS3 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: S3FRUCTOSE
SAS label: SHS3 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: S3GALACTOSE
SAS label: SHS3 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: S3GLUCOSE
SAS label: SHS3 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: S3LACTOSE
SAS label: SHS3 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: S3SUCROSE
SAS label: SHS3 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: S3STARCH
SAS label: SHS3 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: S3FIBER
SAS label: SHS3 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: S3SOLUFIB
SAS label: SHS3 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: S3INSFIBER
SAS label: SHS3 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: S3PECTINS
SAS label: SHS3 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: S3VITAA
SAS label: SHS3 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: S3RETINOL
SAS label: SHS3 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: S3VITAD
SAS label: SHS3 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: S3VITAE
SAS label: SHS3 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: S3ALPHATOC
SAS label: SHS3 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: S3BETATOC
SAS label: SHS3 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: S3GAMMATOC
SAS label: SHS3 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: S3DELTATOC
SAS label: SHS3 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: S3VITAC
SAS label: SHS3 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: S3THIAMIN
SAS label: SHS3 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: S3RIBOFLAV
SAS label: SHS3 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: S3NIACIN
SAS label: SHS3 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: S3PANTOTHE
SAS label: SHS3 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: S3B6
SAS label: SHS3 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: S3FOL
SAS label: SHS3 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: S3B12
SAS label: SHS3 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: S3CALCIUM
SAS label: SHS3 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: S3PHOSPH
SAS label: SHS3 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: S3MAGNESIUM
SAS label: SHS3 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: S3IRON
SAS label: SHS3 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: S3ZINC
SAS label: SHS3 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: S3COPPER
SAS label: SHS3 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: S3SELENIUM
SAS label: SHS3 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: S3SODIUM
SAS label: SHS3 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: S3POTASSIUM
SAS label: SHS3 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: S3SFA4
SAS label: SHS3 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: S3SFA6
SAS label: SHS3 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: S3SFA8
SAS label: SHS3 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: S3SFA10
SAS label: SHS3 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: S3SFA12
SAS label: SHS3 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: S3SFA14
SAS label: SHS3 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: S3SFA16
SAS label: SHS3 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: S3SFA17
SAS label: SHS3 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: S3SFA18
SAS label: SHS3 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: S3SFA20
SAS label: SHS3 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: S3SFA22
SAS label: SHS3 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: S3MFA141
SAS label: SHS3 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: S3MFA161
SAS label: SHS3 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: S3MFA181
SAS label: SHS3 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: S3MFA201
SAS label: SHS3 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: S3MFA221
SAS label: SHS3 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: S3PFA182
SAS label: SHS3 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: S3PFA183
SAS label: SHS3 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: S3PFA184
SAS label: SHS3 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: S3PFA204
SAS label: SHS3 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: S3PFA205
SAS label: SHS3 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: S3PFA225
SAS label: SHS3 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: S3PFA226
SAS label: SHS3 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: S3PFA_SFA
SAS label: SHS3 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: S3CHOL_SFA
SAS label: SHS3 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: S3TRYPTOPH
SAS label: SHS3 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: S3THREONINE
SAS label: SHS3 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: S3ISOLEUCINE
SAS label: SHS3 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: S3LEUCINE
SAS label: SHS3 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: S3LYSINE
SAS label: SHS3 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: S3METHIONINE
SAS label: SHS3 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: S3CYSTINE
SAS label: SHS3 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: S3PHENYLA
SAS label: SHS3 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: S3TYROSINE
SAS label: SHS3 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: S3VALINE
SAS label: SHS3 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: S3ARGININE
SAS label: SHS3 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: S3HISTIDINE
SAS label: SHS3 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: S3ALANINE
SAS label: SHS3 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: S3ASPARTIC
SAS label: SHS3 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: S3GLUTAMIC
SAS label: SHS3 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: S3GLYCINE
SAS label: SHS3 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: S3PROLINE
SAS label: SHS3 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: S3SERINE
SAS label: SHS3 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: S3ASPARTAME
SAS label: SHS3 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: S3SACCHARIN
SAS label: SHS3 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: S3CAFFEINE
SAS label: SHS3 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: S3ASH
SAS label: SHS3 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: S3WATER
SAS label: SHS3 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: S3PFAT
SAS label: SHS3 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: S3PCARB
SAS label: SHS3 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: S3PPROT
SAS label: SHS3 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: S3PALCOHOL
SAS label: SHS3 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: S3PSFA
SAS label: SHS3 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: S3PMFA
SAS label: SHS3 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: S3PPFA
SAS label: SHS3 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: CENTER
SAS label: SHS Site
Note: None

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: ID
SAS label: ID NUMBER

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

Variable name: DATETIME
SAS label: DATE/TIME

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: HR3
SAS label: HEART RATE

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

12-Lead Electrocardiograms

Variable name: PR3
SAS label: PR INTERVAL

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

Variable name: QRSD3
SAS label: QRS DURATION

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

Variable name: QTC3
SAS label: QTC INTERVAL

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

Variable name: PAX3
SAS label: P AXIS

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

Variable name: QRSAX3
SAS label: QRS AXIS

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

12-Lead Electrocardiograms

Variable name: QT3
SAS label: QT INTERVAL

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

Variable name: TAX3
SAS label: T WAVE AXIS

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

Variable name: PDUR3
SAS label: P DURATION

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

Variable name: PCA23
SAS label: PCA RATIO (PRINCIPLE COMPONENT RATIO)

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

Variable name: QTE_GLO3
SAS label: Q TO T-END INTERVAL GLOBAL (ALL 12 LEADS)

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

12-Lead Electrocardiograms

Variable name: QTE_PRE3
SAS label: Q TO T-END INTERVAL PRECORDIAL LEADS (V LEADS)

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

Variable name: QTP_GLO3
SAS label: Q TO T-PEAK INTERVAL GLOBAL

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

Variable name: QTP_PRE3
SAS label: Q TO T-PEAK INTERVAL PRECORDIAL LEADS

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

Variable name: QA_I3
SAS label: Q WAVE AMPLITUDE LEAD I

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

Variable name: QA_II3
SAS label: Q WAVE AMPLITUDE LEAD II

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

12-Lead Electrocardiograms

Variable name: QA_III3
SAS label: Q WAVE AMPLITUDE LEAD III

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

Variable name: QA_AVF3
SAS label: Q WAVE AMPLITUDE LEAD AVF

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

Variable name: QA_AVL3
SAS label: Q WAVE AMPLITUDE LEAD AVL

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

Variable name: QA_AVR3
SAS label: Q WAVE AMPLITUDE LEAD AVR

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

Variable name: QA_V13
SAS label: Q WAVE AMPLITUDE LEAD V1

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

12-Lead Electrocardiograms

Variable name: QA_V23
SAS label: Q WAVE AMPLITUDE LEAD V2

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

Variable name: QA_V33
SAS label: Q WAVE AMPLITUDE LEAD V3

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

Variable name: QA_V43
SAS label: Q WAVE AMPLITUDE LEAD V4

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

Variable name: QA_V53
SAS label: Q WAVE AMPLITUDE LEAD V5

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

Variable name: QA_V63
SAS label: Q WAVE AMPLITUDE LEAD V6

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

12-Lead Electrocardiograms

Variable name: QD_I3
SAS label: Q WAVE DURATION LEAD I

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

Variable name: QD_II3
SAS label: Q WAVE DURATION LEAD II

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

Variable name: QD_III3
SAS label: Q WAVE DURATION LEAD III

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

Variable name: QD_AVF3
SAS label: Q WAVE DURATION LEAD AVF

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

Variable name: QD_AVL3
SAS label: Q WAVE DURATION LEAD AVL

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

12-Lead Electrocardiograms

Variable name: QD_AVR3
SAS label: Q WAVE DURATION LEAD AVR

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

Variable name: QD_V13
SAS label: Q WAVE DURATION LEAD V1

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

Variable name: QD_V23
SAS label: Q WAVE DURATION LEAD V2

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

Variable name: QD_V33
SAS label: Q WAVE DURATION LEAD V3

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

Variable name: QD_V43
SAS label: Q WAVE DURATION LEAD V4

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

12-Lead Electrocardiograms

Variable name: QD_V53
SAS label: Q WAVE DURATION LEAD V5

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

Variable name: QD_V63
SAS label: Q WAVE DURATION LEAD V6

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

Variable name: BMQAR_I3
SAS label: Q WAVE AREA LEAD I

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

Variable name: BMQAR_II3
SAS label: Q WAVE AREA LEAD II

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

Variable name: BMQAR_III3
SAS label: Q WAVE AREA LEAD III

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

12-Lead Electrocardiograms

Variable name: BMQAR_AVF3
SAS label: Q WAVE AREA LEAD AVF

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

Variable name: BMQAR_AVL3
SAS label: Q WAVE AREA LEAD AVL

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

Variable name: BMQAR_AVR3
SAS label: Q WAVE AREA LEAD AVR

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

Variable name: BMQAR_V13
SAS label: Q WAVE AREA LEAD V1

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

Variable name: BMQAR_V23
SAS label: Q WAVE AREA LEAD V2

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

12-Lead Electrocardiograms

Variable name: BMQAR_V33
SAS label: Q WAVE AREA LEAD V3

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

Variable name: BMQAR_V43
SAS label: Q WAVE AREA LEAD V4

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

Variable name: BMQAR_V53
SAS label: Q WAVE AREA LEAD V5

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

Variable name: BMQAR_V63
SAS label: Q WAVE AREA LEAD V6

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

Variable name: RA_I3
SAS label: R WAVE AMPLITUDE LEAD I

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

12-Lead Electrocardiograms

Variable name: RA_II3
SAS label: R WAVE AMPLITUDE LEAD II

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

Variable name: RA_III3
SAS label: R WAVE AMPLITUDE LEAD III

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

Variable name: RA_AVF3
SAS label: R WAVE AMPLITUDE LEAD AVF

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

Variable name: RA_AVL3
SAS label: R WAVE AMPLITUDE LEAD AVL

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

Variable name: RA_AVR3
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_V13
SAS label: R WAVE AMPLITUDE LEAD V1

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

Variable name: RA_V23
SAS label: R WAVE AMPLITUDE LEAD V2

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

Variable name: RA_V33
SAS label: R WAVE AMPLITUDE LEAD V3

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

Variable name: RA_V43
SAS label: R WAVE AMPLITUDE LEAD V4

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

Variable name: RA_V53
SAS label: R WAVE AMPLITUDE LEAD V5

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

12-Lead Electrocardiograms

Variable name: RA_V63
SAS label: R WAVE AMPLITUDE LEAD V6

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

Variable name: RD_I3
SAS label: R WAVE DURATION LEAD I

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

Variable name: RD_II3
SAS label: R WAVE DURATION LEAD II

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

Variable name: RD_III3
SAS label: R WAVE DURATION LEAD III

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

Variable name: RD_AVF3
SAS label: R WAVE DURATION LEAD AVF

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

12-Lead Electrocardiograms

Variable name: RD_AVL3
SAS label: R WAVE DURATION LEAD AVL

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

Variable name: RD_AVR3
SAS label: R WAVE DURATION LEAD AVR

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

Variable name: RD_V13
SAS label: R WAVE DURATION LEAD V1

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

Variable name: RD_V23
SAS label: R WAVE DURATION LEAD V2

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

Variable name: RD_V33
SAS label: R WAVE DURATION LEAD V3

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

12-Lead Electrocardiograms

Variable name: RD_V43
SAS label: R WAVE DURATION LEAD V4

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

Variable name: RD_V53
SAS label: R WAVE DURATION LEAD V5

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

Variable name: RD_V63
SAS label: R WAVE DURATION LEAD V6

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

Variable name: BMRAR_I3
SAS label: R WAVE AREA LEAD I

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

Variable name: BMRAR_II3
SAS label: R WAVE AREA LEAD II

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

12-Lead Electrocardiograms

Variable name: BMRAR_III3
SAS label: R WAVE AREA LEAD III

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

Variable name: BMRAR_AVF3
SAS label: R WAVE AREA LEAD AVF

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

Variable name: BMRAR_AVL3
SAS label: R WAVE AREA LEAD AVL

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

Variable name: BMRAR_AVR3
SAS label: R WAVE AREA LEAD AVR

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

Variable name: BMRAR_V13
SAS label: R WAVE AREA LEAD V1

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

12-Lead Electrocardiograms

Variable name: BMRAR_V23
SAS label: R WAVE AREA LEAD V2

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

Variable name: BMRAR_V33
SAS label: R WAVE AREA LEAD V3

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

Variable name: BMRAR_V43
SAS label: R WAVE AREA LEAD V4

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

Variable name: BMRAR_V53
SAS label: R WAVE AREA LEAD V5

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

Variable name: BMRAR_V63
SAS label: R WAVE AREA LEAD V6

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

12-Lead Electrocardiograms

Variable name: SA_I3
SAS label: S WAVE AMPLITUDE LEAD I

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

Variable name: SA_II3
SAS label: S WAVE AMPLITUDE LEAD II

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

Variable name: SA_III3
SAS label: S WAVE AMPLITUDE LEAD III

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

Variable name: SA_AVF3
SAS label: S WAVE AMPLITUDE LEAD AVF

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

Variable name: SA_AVL3
SAS label: S WAVE AMPLITUDE LEAD AVL

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

12-Lead Electrocardiograms

Variable name: SA_AVR3
SAS label: S WAVE AMPLITUDE LEAD AVR

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

Variable name: SA_V13
SAS label: S WAVE AMPLITUDE LEAD V1

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

Variable name: SA_V23
SAS label: S WAVE AMPLITUDE LEAD V2

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

Variable name: SA_V33
SAS label: S WAVE AMPLITUDE LEAD V3

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

Variable name: SA_V43
SAS label: S WAVE AMPLITUDE LEAD V4

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

12-Lead Electrocardiograms

Variable name: SA_V53
SAS label: S WAVE AMPLITUDE LEAD V5

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

Variable name: SA_V63
SAS label: S WAVE AMPLITUDE LEAD V6

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

Variable name: PA_I3
SAS label: P WAVE AMPLITUDE LEAD I

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

Variable name: PA_II3
SAS label: P WAVE AMPLITUDE LEAD II

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

Variable name: PA_III3
SAS label: P WAVE AMPLITUDE LEAD III

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

12-Lead Electrocardiograms

Variable name: PA_AVF3
SAS label: P WAVE AMPLITUDE LEAD AVF

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

Variable name: PA_AVL3
SAS label: P WAVE AMPLITUDE LEAD AVL

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

Variable name: PA_AVR3
SAS label: P WAVE AMPLITUDE LEAD AVR

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

Variable name: PA_V13
SAS label: P WAVE AMPLITUDE LEAD V1

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

Variable name: PA_V23
SAS label: P WAVE AMPLITUDE LEAD V2

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

12-Lead Electrocardiograms

Variable name: PA_V33
SAS label: P WAVE AMPLITUDE LEAD V3

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

Variable name: PA_V43
SAS label: P WAVE AMPLITUDE LEAD V4

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

Variable name: PA_V53
SAS label: P WAVE AMPLITUDE LEAD V5

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

Variable name: PA_V63
SAS label: P WAVE AMPLITUDE LEAD V6

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

Variable name: PD_I3
SAS label: P WAVE DURATION LEAD I

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

12-Lead Electrocardiograms

Variable name: PD_II3
SAS label: P WAVE DURATION LEAD II

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

Variable name: PD_III3
SAS label: P WAVE DURATION LEAD III

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

Variable name: PD_AVF3
SAS label: P WAVE DURATION LEAD AVF

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

Variable name: PD_AVL3
SAS label: P WAVE DURATION LEAD AVL

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

Variable name: PD_AVR3
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_V13
SAS label: P WAVE DURATION LEAD V1

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

Variable name: PD_V23
SAS label: P WAVE DURATION LEAD V2

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

Variable name: PD_V33
SAS label: P WAVE DURATION LEAD V3

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

Variable name: PD_V43
SAS label: P WAVE DURATION LEAD V4

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

Variable name: PD_V53
SAS label: P WAVE DURATION LEAD V5

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

12-Lead Electrocardiograms

Variable name: PD_V63
SAS label: P WAVE DURATION LEAD V6

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

Variable name: BMPAR_I3
SAS label: P WAVE AREA LEAD I

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

Variable name: BMPAR_II3
SAS label: P WAVE AREA LEAD II

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

Variable name: BMPAR_III3
SAS label: P WAVE AREA LEAD III

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

Variable name: BMPAR_AVF3
SAS label: P WAVE AREA LEAD AVF

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

12-Lead Electrocardiograms

Variable name: **BMPAR_AVL3**
SAS label: **P WAVE AREA LEAD AVL**

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

Variable name: **BMPAR_AVR3**
SAS label: **P WAVE AREA LEAD AVR**

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

Variable name: **BMPAR_V13**
SAS label: **P WAVE AREA LEAD V1**

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

Variable name: **BMPAR_V23**
SAS label: **P WAVE AREA LEAD V2**

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

Variable name: **BMPAR_V33**
SAS label: **P WAVE AREA LEAD V3**

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

12-Lead Electrocardiograms

Variable name: **BMPAR_V43**
SAS label: **P WAVE AREA LEAD V4**

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

Variable name: **BMPAR_V53**
SAS label: **P WAVE AREA LEAD V5**

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

Variable name: **BMPAR_V63**
SAS label: **P WAVE AREA LEAD V6**

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

Variable name: **SD_I3**
SAS label: **S WAVE DURATION LEAD I**

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

Variable name: **SD_II3**
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_III3
SAS label: S WAVE DURATION LEAD III

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

Variable name: SD_AVF3
SAS label: S WAVE DURATION LEAD AVF

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

Variable name: SD_AVL3
SAS label: S WAVE DURATION LEAD AVL

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

Variable name: SD_AVR3
SAS label: S WAVE DURATION LEAD AVR

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

Variable name: SD_V13
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_V23
SAS label: S WAVE DURATION LEAD V2

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

Variable name: SD_V33
SAS label: S WAVE DURATION LEAD V3

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

Variable name: SD_V43
SAS label: S WAVE DURATION LEAD V4

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

Variable name: SD_V53
SAS label: S WAVE DURATION LEAD V5

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

Variable name: SD_V63
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_I3
SAS label: S WAVE AREA LEAD I

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

Variable name: BMSAR_II3
SAS label: S WAVE AREA LEAD II

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

Variable name: BMSAR_III3
SAS label: S WAVE AREA LEAD III

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

Variable name: BMSAR_AVF3
SAS label: S WAVE AREA LEAD AVF

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

Variable name: BMSAR_AVL3
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_AVR3
SAS label: S WAVE AREA LEAD AVR

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

Variable name: BMSAR_V13
SAS label: S WAVE AREA LEAD V1

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

Variable name: BMSAR_V23
SAS label: S WAVE AREA LEAD V2

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

Variable name: BMSAR_V33
SAS label: S WAVE AREA LEAD V3

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

Variable name: BMSAR_V43
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_V53
SAS label: S WAVE AREA LEAD V5

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

Variable name: BMSAR_V63
SAS label: S WAVE AREA LEAD V6

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

Variable name: RPA_I3
SAS label: R PRIME AMPLITUDE LEAD I

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

Variable name: RPA_II3
SAS label: R PRIME AMPLITUDE LEAD II

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

Variable name: RPA_III3
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_AVF3
SAS label: R PRIME AMPLITUDE LEAD AVF

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

Variable name: RPA_AVL3
SAS label: R PRIME AMPLITUDE LEAD AVL

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

Variable name: RPA_AVR3
SAS label: R PRIME AMPLITUDE LEAD AVR

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

Variable name: RPA_V13
SAS label: R PRIME AMPLITUDE LEAD V1

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

Variable name: RPA_V23
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_V33
SAS label: R PRIME AMPLITUDE LEAD V3

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

Variable name: RPA_V43
SAS label: R PRIME AMPLITUDE LEAD V4

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

Variable name: RPA_V53
SAS label: R PRIME AMPLITUDE LEAD V5

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

Variable name: RPA_V63
SAS label: R PRIME AMPLITUDE LEAD V6

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

Variable name: RPD_I3
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_II3
SAS label: R PRIME DURATION LEAD II

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

Variable name: RPD_III3
SAS label: R PRIME DURATION LEAD III

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

Variable name: RPD_AVF3
SAS label: R PRIME DURATION LEAD AVF

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

Variable name: RPD_AVL3
SAS label: R PRIME DURATION LEAD AVL

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

Variable name: RPD_AVR3
SAS label: R PRIME DURATION LEAD AVR

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

12-Lead Electrocardiograms

Variable name: RPD_V13
SAS label: R PRIME DURATION LEAD V1

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

Variable name: RPD_V23
SAS label: R PRIME DURATION LEAD V2

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

Variable name: RPD_V33
SAS label: R PRIME DURATION LEAD V3

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

Variable name: RPD_V43
SAS label: R PRIME DURATION LEAD V4

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

Variable name: RPD_V53
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_V63
SAS label: R PRIME DURATION LEAD V6

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

Variable name: BMRPAR_I3
SAS label: R PRIME AREA LEAD I

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

Variable name: BMRPAR_II3
SAS label: R PRIME AREA LEAD II

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

Variable name: BMRPAR_III3
SAS label: R PRIME AREA LEAD III

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

Variable name: BMRPAR_AVF3
SAS label: R PRIME AREA LEAD AVF

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

12-Lead Electrocardiograms

Variable name: BMRPAR_AVL3
SAS label: R PRIME AREA LEAD AVL

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

Variable name: BMRPAR_AVR3
SAS label: R PRIME AREA LEAD AVR

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

Variable name: BMRPAR_V13
SAS label: R PRIME AREA LEAD V1

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

Variable name: BMRPAR_V23
SAS label: R PRIME AREA LEAD V2

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

Variable name: BMRPAR_V33
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_V43
SAS label: R PRIME AREA LEAD V4

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

Variable name: BMRPAR_V53
SAS label: R PRIME AREA LEAD V5

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

Variable name: BMRPAR_V63
SAS label: R PRIME AREA LEAD V6

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

Variable name: SPA_I3
SAS label: S PRIME AMPLITUDE LEAD I

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

Variable name: SPA_II3
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_III3
SAS label: S PRIME AMPLITUDE LEAD III

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

Variable name: SPA_AVF3
SAS label: S PRIME AMPLITUDE LEAD AVF

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

Variable name: SPA_AVL3
SAS label: S PRIME AMPLITUDE LEAD AVL

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

Variable name: SPA_AVR3
SAS label: S PRIME AMPLITUDE LEAD AVR

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

Variable name: SPA_V13
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_V23
SAS label: S PRIME AMPLITUDE LEAD V2

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

Variable name: SPA_V33
SAS label: S PRIME AMPLITUDE LEAD V3

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

Variable name: SPA_V43
SAS label: S PRIME AMPLITUDE LEAD V4

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

Variable name: SPA_V53
SAS label: S PRIME AMPLITUDE LEAD V5

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

Variable name: SPA_V63
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_I3
SAS label: S PRIME DURATION LEAD I

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

Variable name: SPD_II3
SAS label: S PRIME DURATION LEAD II

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

Variable name: SPD_III3
SAS label: S PRIME DURATION LEAD III

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

Variable name: SPD_AVF3
SAS label: S PRIME DURATION LEAD AVF

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

Variable name: SPD_AVL3
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_AVR3
SAS label: S PRIME DURATION LEAD AVR

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

Variable name: SPD_V13
SAS label: S PRIME DURATION LEAD V1

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

Variable name: SPD_V23
SAS label: S PRIME DURATION LEAD V2

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

Variable name: SPD_V33
SAS label: S PRIME DURATION LEAD V3

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

Variable name: SPD_V43
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_V53
SAS label: S PRIME DURATION LEAD V5

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

Variable name: SPD_V63
SAS label: S PRIME DURATION LEAD V6

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

Variable name: BMSPAR_I3
SAS label: S PRIME AREA LEAD I

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

Variable name: BMSPAR_II3
SAS label: S PRIME AREA LEAD II

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

Variable name: BMSPAR_III3
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_AVF3
SAS label: S PRIME AREA LEAD AVF

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

Variable name: BMSPAR_AVL3
SAS label: S PRIME AREA LEAD AVL

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

Variable name: BMSPAR_AVR3
SAS label: S PRIME AREA LEAD AVR

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

Variable name: BMSPAR_V13
SAS label: S PRIME AREA LEAD V1

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

Variable name: BMSPAR_V23
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_V33
SAS label: S PRIME AREA LEAD V3

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

Variable name: BMSPAR_V43
SAS label: S PRIME AREA LEAD V4

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

Variable name: BMSPAR_V53
SAS label: S PRIME AREA LEAD V5

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

Variable name: BMSPAR_V63
SAS label: S PRIME AREA LEAD V6

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

Variable name: STJ_I3
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_II3
SAS label: ST J POINT LEAD II

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

Variable name: STJ_III3
SAS label: ST J POINT LEAD III

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

Variable name: STJ_AVF3
SAS label: ST J POINT LEAD AVF

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

Variable name: STJ_AVL3
SAS label: ST J POINT LEAD AVL

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

Variable name: STJ_AVR3
SAS label: ST J POINT LEAD AVR

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

12-Lead Electrocardiograms

Variable name: STJ_V13
SAS label: ST J POINT LEAD V1

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

Variable name: STJ_V23
SAS label: ST J POINT LEAD V2

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

Variable name: STJ_V33
SAS label: ST J POINT LEAD V3

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

Variable name: STJ_V43
SAS label: ST J POINT LEAD V4

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

Variable name: STJ_V53
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_V63
SAS label: ST J POINT LEAD V6

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

Variable name: STM_I3
SAS label: ST M POINT LEAD I

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

Variable name: STM_I13
SAS label: ST M POINT LEAD II

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

Variable name: STM_I113
SAS label: ST M POINT LEAD III

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

Variable name: STM_AVF3
SAS label: ST M POINT LEAD AVF

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

12-Lead Electrocardiograms

Variable name: STM_AVL3
SAS label: ST M POINT LEAD AVL

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

Variable name: STM_AVR3
SAS label: ST M POINT LEAD AVR

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

Variable name: STM_V13
SAS label: ST M POINT LEAD V1

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

Variable name: STM_V23
SAS label: ST M POINT LEAD V2

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

Variable name: STM_V33
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_V43
SAS label: ST M POINT LEAD V4

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

Variable name: STM_V53
SAS label: ST M POINT LEAD V5

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

Variable name: STM_V63
SAS label: ST M POINT LEAD V6

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

Variable name: STE_I3
SAS label: ST E POINT LEAD I

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

Variable name: STE_I13
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_III3
SAS label: ST E POINT LEAD III

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

Variable name: STE_AVF3
SAS label: ST E POINT LEAD AVF

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

Variable name: STE_AVL3
SAS label: ST E POINT LEAD AVL

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

Variable name: STE_AVR3
SAS label: ST E POINT LEAD AVR

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

Variable name: STE_V13
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_V23
SAS label: ST E POINT LEAD V2

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

Variable name: STE_V33
SAS label: ST E POINT LEAD V3

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

Variable name: STE_V43
SAS label: ST E POINT LEAD V4

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

Variable name: STE_V53
SAS label: ST E POINT LEAD V5

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

Variable name: STE_V63
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_I3
SAS label: T WAVE AMPLITUDE LEAD I

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

Variable name: TA_II3
SAS label: T WAVE AMPLITUDE LEAD II

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

Variable name: TA_III3
SAS label: T WAVE AMPLITUDE LEAD III

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

Variable name: TA_AVF3
SAS label: T WAVE AMPLITUDE LEAD AVF

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

Variable name: TA_AVL3
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_AVR3
SAS label: T WAVE AMPLITUDE LEAD AVR

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

Variable name: TA_V13
SAS label: T WAVE AMPLITUDE LEAD V1

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

Variable name: TA_V23
SAS label: T WAVE AMPLITUDE LEAD V2

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

Variable name: TA_V33
SAS label: T WAVE AMPLITUDE LEAD V3

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

Variable name: TA_V43
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_V53
SAS label: T WAVE AMPLITUDE LEAD V5

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

Variable name: TA_V63
SAS label: T WAVE AMPLITUDE LEAD V6

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

Variable name: TD_I3
SAS label: T WAVE DURATION LEAD I

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

Variable name: TD_II3
SAS label: T WAVE DURATION LEAD II

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

Variable name: TD_III3
SAS label: T WAVE DURATION LEAD III

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

12-Lead Electrocardiograms

Variable name: TD_AVF3
SAS label: T WAVE DURATION LEAD AVF

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

Variable name: TD_AVL3
SAS label: T WAVE DURATION LEAD AVL

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

Variable name: TD_AVR3
SAS label: T WAVE DURATION LEAD AVR

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

Variable name: TD_V13
SAS label: T WAVE DURATION LEAD V1

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

Variable name: TD_V23
SAS label: T WAVE DURATION LEAD V2

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

12-Lead Electrocardiograms

Variable name: TD_V33
SAS label: T WAVE DURATION LEAD V3

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

Variable name: TD_V43
SAS label: T WAVE DURATION LEAD V4

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

Variable name: TD_V53
SAS label: T WAVE DURATION LEAD V5

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

Variable name: TD_V63
SAS label: T WAVE DURATION LEAD V6

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

Variable name: BMTAR_I3
SAS label: T WAVE AREA LEAD I

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

12-Lead Electrocardiograms

Variable name: BMTAR_II3
SAS label: T WAVE AREA LEAD II

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

Variable name: BMTAR_III3
SAS label: T WAVE AREA LEAD III

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

Variable name: BMTAR_AVF3
SAS label: T WAVE AREA LEAD AVF

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

Variable name: BMTAR_AVL3
SAS label: T WAVE AREA LEAD AVL

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

Variable name: BMTAR_AVR3
SAS label: T WAVE AREA LEAD AVR

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

12-Lead Electrocardiograms

Variable name: BMTAR_V13
SAS label: T WAVE AREA LEAD V1

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

Variable name: BMTAR_V23
SAS label: T WAVE AREA LEAD V2

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

Variable name: BMTAR_V33
SAS label: T WAVE AREA LEAD V3

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

Variable name: BMTAR_V43
SAS label: T WAVE AREA LEAD V4

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

Variable name: BMTAR_V53
SAS label: T WAVE AREA LEAD V5

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

12-Lead Electrocardiograms

Variable name: BMTAR_V63
SAS label: T WAVE AREA LEAD V6

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

Variable name: J40_I3
SAS label: ST J+40 LEAD I

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

Variable name: J40_II3
SAS label: ST J+40 LEAD II

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

Variable name: J40_III3
SAS label: ST J+40 LEAD III

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

Variable name: J40_AVF3
SAS label: ST J+40 LEAD AVF

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

12-Lead Electrocardiograms

Variable name: J40_AVL3
SAS label: ST J+40 LEAD AVL

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

Variable name: J40_AVR3
SAS label: ST J+40 LEAD AVR

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

Variable name: J40_V13
SAS label: ST J+40 LEAD V1

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

Variable name: J40_V23
SAS label: ST J+40 LEAD V2

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

Variable name: J40_V33
SAS label: ST J+40 LEAD V3

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

12-Lead Electrocardiograms

Variable name: J40_V43
SAS label: ST J+40 LEAD V4

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

Variable name: J40_V53
SAS label: ST J+40 LEAD V5

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

Variable name: J40_V63
SAS label: ST J+40 LEAD V6

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

Variable name: J60_I3
SAS label: ST J+60 LEAD I

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

Variable name: J60_II3
SAS label: ST J+60 LEAD II

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

12-Lead Electrocardiograms

Variable name: J60_III3
SAS label: ST J+60 LEAD III

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

Variable name: J60_AVF3
SAS label: ST J+60 LEAD AVF

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

Variable name: J60_AVL3
SAS label: ST J+60 LEAD AVL

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

Variable name: J60_AVR3
SAS label: ST J+60 LEAD AVR

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

Variable name: J60_V13
SAS label: ST J+60 LEAD V1

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

12-Lead Electrocardiograms

Variable name: J60_V23
SAS label: ST J+60 LEAD V2

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

Variable name: J60_V33
SAS label: ST J+60 LEAD V3

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

Variable name: J60_V43
SAS label: ST J+60 LEAD V4

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

Variable name: J60_V53
SAS label: ST J+60 LEAD V5

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

Variable name: J60_V63
SAS label: ST J+60 LEAD V6

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

12-Lead Electrocardiograms

Variable name: J80_I3
SAS label: ST J+80 LEAD I

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

Variable name: J80_II3
SAS label: ST J+80 LEAD II

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

Variable name: J80_III3
SAS label: ST J+80 LEAD III

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

Variable name: J80_AVF3
SAS label: ST J+80 LEAD AVF

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

Variable name: J80_AVL3
SAS label: ST J+80 LEAD AVL

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

12-Lead Electrocardiograms

Variable name: J80_AVR3
SAS label: ST J+80 LEAD AVR

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

Variable name: J80_V13
SAS label: ST J+80 LEAD V1

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

Variable name: J80_V23
SAS label: ST J+80 LEAD V2

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

Variable name: J80_V33
SAS label: ST J+80 LEAD V3

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

Variable name: J80_V43
SAS label: ST J+80 LEAD V4

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

12-Lead Electrocardiograms

Variable name: J80_V53
SAS label: ST J+80 LEAD V5

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

Variable name: J80_V63
SAS label: ST J+80 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	

Carotid Arteries

Variable name: IDNO
SAS label: ID NUMBER

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

Variable name: LOG_3
SAS label:

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

Variable name: SHSNUM3
SAS label: FAMILY COHORT ID NUMBER

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

Variable name: FAMSTAT
SAS label: FAMILY STATUS

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

Carotid Arteries

Variable name: STUDYDAT
SAS label: STUDY DATE

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

Variable name: LEFTDD3
SAS label: LEFT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)

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

Variable name: LEFTIMT3
SAS label: LEFT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)

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

Variable name: LEFTSD3
SAS label: LEFT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)

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

Variable name: RIGHTDD3
SAS label: RIGHT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)

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

Carotid Arteries

Variable name: RIGHTIM3
SAS label: RIGHT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)

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

Variable name: RIGHTSD3
SAS label: RIGHT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)

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

Variable name: ATH_L3
SAS label: LEFT ATHEROSCLEROSIS SCORE

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

Variable name: ATH_R3
SAS label: RIGHT ATHEROSCLEROSIS SCORE

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

Variable name: ATH_MAX3
SAS label: MAXIMUM ATHEROSCLEROSIS SCORE

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

Carotid Arteries

Variable name: AATHER3
SAS label: PRESENCE OR ABSENCE OF PLAQUE

Code or Value	Value description	Skip to item
0.00	NO PLAQUE	
1.00	PLAQUE	
.	.	

Variable name: EFFSEG3
SAS label: CAROTID ATHEROSCLEROSIS SCORE

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

Variable name: AODBP3
SAS label: CENTRAL DIASTOLIC BP FROM APPLANATION TONOMETRY

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

Variable name: AOSBP3
SAS label: CENTRAL SYSTOLIC BP FROM APPLANATION TONOMETRY

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

Carotid Arteries

Variable name: AI3
SAS label: AUGMENTATION INDEX (%)

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

Variable name: AI23
SAS label: AI2=P1/P2

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	

Applanation Tonometry

Variable name: IDNO
SAS label: ID NUMBER

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

Variable name: IDNUM
SAS label: SHS3 ID NUMBER

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

Variable name: AGE
SAS label: AGE AT TIME OF STUDY

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

Variable name: SEXCD
SAS label: GENDER OF PARTICIPANT

Code or Value	Value Description	Skip to item
Open text field blank		

Applanation Tonometry

Variable name: HEIGHT
SAS label: HEIGHT (CM)

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

Variable name: DATE
SAS label: DATE OF STUDY

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

Variable name: TIME
SAS label: TIME OF STUDY

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: SUB_TYPE
SAS label: SUBTYPE

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: OPERATOR
SAS label: OPERATOR

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

Applanation Tonometry

Variable name: P_SP
SAS label: PERIPHERAL SYSTOLIC BLOOD PRESSURE (MMHG)

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

Variable name: P_DP
SAS label: PERIPHERAL DIASTOLIC BLOOD PRESSURE (MMHG)

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

Variable name: P_MEANP
SAS label: PERIPHERAL MEAN PRESSURE (MMHG)

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

Variable name: P_AI
SAS label: PERIPHERAL AUGMENTATION INDEX

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

Variable name: P_MAX_DP
SAS label: MAXIMUM DP/DT (MMHG/S)

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

Applanation Tonometry

Variable name: HR
SAS label: HEART RATE, (BEATS PER MINUTE)

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

Variable name: ED
SAS label: EJECTION DURATION (MS)

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

Variable name: C_SVI
SAS label: CENTRAL AORTIC INDEX BUCKBERG SUB-ENDOCARIAL VIABLILITY RATIO (%)

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

Variable name: C_TTI
SAS label: BUCKBERG SUB-ENDOCARIAL VIABLILITY COMPONENT (AD)

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

Variable name: C_DTI
SAS label: BUCKBERG SUB-ENDOCARIAL VIABLILITY COMPONENT (AS)

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

Applanation Tonometry

Variable name: AOSBP
SAS label: AORTIC SYSTOLIC BLOOD PRESSURE (MMHG)

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

Variable name: AODBP
SAS label: AORTIC DIASTOLIC BLOOD PRESSURE (MMHG)

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

Variable name: C_MEANP
SAS label: CENTRAL AORTIC MEAN PRESSURE (MMHG)

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

Variable name: C_T1
SAS label: TIME TO FIRST PEAK-AORTIC (MS)

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

Variable name: C_T2
SAS label: TIME TO SECOND PEAK-AORTIC (MS)

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

Applanation Tonometry

Variable name: C_AP

SAS label:

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

Variable name: AG

SAS label: AUGMENTED PRESSURE (MMHG)

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

Variable name: AI

SAS label: AUGMENTATION INDEX (%)

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

Variable name: AI2

SAS label: AI2=P1/P2

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

Variable name: C_MPS

SAS label: AORTIC MEAN PRESSURE IN SYSTOLE (MMHG)

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

Applanation Tonometry

Variable name: C_MPD
SAS label: AORTIC MEAN PRESSURE IN DIASTOLE (MMHG)

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

Variable name: C_ESP
SAS label: AORTIC END SYSTOLIC PRESSURE (MMHG)

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

Variable name: AOSBP2
SAS label: AORTIC SYSTOLIC BLOOD PRESSURE NEW TONOMETRY

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

Variable name: AODBP2
SAS label: AORTIC DIASTOLIC BLOOD PRESSURE NEW TONOMETRY

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

Variable name: AOPP
SAS label: AORTIC PULSE PRESSURE-DERIVED VARIABLE BY DF (MMHG)

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

Applanation Tonometry

Variable name: P2
SAS label: PRESSURE AT T2

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

Variable name: P1
SAS label: PRESSURE AT T1

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

Variable name: SPARE1_B
SAS label:

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

Variable name: SP
SAS label: SYSTOLIC PRESSURE

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

Applanation Tonometry

Variable name: DP
SAS label: DIASTOLIC PRESSURE

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

Variable name: P_T1
SAS label: PERIPHERAL T1

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

Variable name: P_T2
SAS label: PERIPHERAL T2

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

Variable name: P_SPARE1
SAS label:

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

Variable name: AI3
SAS label: AI FROM TONOMETRY DATA BASE

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

Applanation Tonometry

Variable name: CENTER
SAS label: SHS SITE

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

Sample Collection Checklist

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

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

Variable name: GTT3_2
SAS label: FASTING ONE TOUCH RESULT
Question: Q1: Fasting One Touch glucose result
Note: None

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

Variable name: GTT3_3
SAS label: FASTING BLOOD SAMPLE TAKEN
Question: Q2: Is fasting blood sample taken?
Note: None

Code or Value	Value description	Skip to item
1	Yes, and participant has been fasting	
2	Yes, but participant has not been fasting	
3	No, participant has not been fasting	
4	Other, specify	
8	No, participant refused	
.	Missing	

Sample Collection Checklist

Variable name: GTT3_3L
SAS label: FASTING BLOOD SAMPLE TAKEN SPECIFY OTHER
Question: Q2: Fasting blood sample taken other specify
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: GTT3_4
SAS label: LAST TIME ATE
Question: Q3: When was the last time you ate?
Note: Use military time

Code or Value	Value Description	Skip to item
Date value in TIME	Range of values	

Variable name: GTT3_5
SAS label: TIME OF COLLECTION FASTING BLOOD SAMPLE
Question: Q4: Time of collection of fasting samples
Note: None

Code or Value	Value Description	Skip to item
Date value in TIME	Range of values	

Variable name: GTT3_6
SAS label: URINE SAMPLE TAKEN
Question: Q5: Time of collection of urine sample
Note: None

Code or Value	Value Description	Skip to item
Date value in TIME	Range of values	

Sample Collection Checklist

Variable name: GTT3_7
SAS label: 75 GRAM GLUCOSE BEVERAGE CONSUMED
Question: Q6: Was participant given 75 gram glucose beverage?
Note: None

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

Variable name: GTT3_8
SAS label: TIME THE 75 GRAM GLUCOSE BEVERAGE CONSUMED
Question: Q6a: If Yes, time the 75 gram glucose beverage was consumed
Note: None

Code or Value	Value Description	Skip to item
Date value in TIME	Range of values	

Variable name: GTT3_9
SAS label: REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, INSULIN TREATMENT
Question: Q6bi: If No, why did participant no have OGTT? Diabetes, on insulin treatment
Note: Check the appropriate answer(s)

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

Sample Collection Checklist

Variable name: GTT3_10
SAS label: REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, ORAL AGENT
Question: Q6bii: If No, why did participant no have OGTT? Diabetes, on oral treatment
Note: Check the appropriate answer(s)

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

Variable name: GTT3_11
SAS label: REASON GLUCOSE BEVERAGE NOT CONSUMED: ONE TOUCH > 225 MG/DL
Question: Q6biii: If No, why did participant no have OGTT? One Touch >225 mg/dL
Note: Check the appropriate answer(s)

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

Variable name: GTT3_12
SAS label: REASON GLUCOSE BEVERAGE NOT CONSUMED: REFUSAL
Question: Q6biv: If No, why did participant no have OGTT? Refusal to have OGTT done
Note: Check the appropriate answer(s)

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

Sample Collection Checklist

Variable name: GTT3_13
SAS label: TIME OF 2 HR BLOOD SAMPLE
Question: Q7: Time of 2-hr blood sample
Note: None

Code or Value	Value Description	Skip to item
Date value in TIME	Range of values	

Variable name: GTT3_14
SAS label: DID PARTICIPANT VOMIT
Question: Q8: If the participant vomited after the glucose beverage was given, check here
Note: None

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

Variable name: GTT3_15
SAS label: TIME VOMITED
Question: Q8: If Yes, when?
Note: None

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

Sample Collection Checklist

Variable name: COMMENTS
SAS label: COMMENTS
Question: Q8: Comments
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q9: SHS Code of person completing this form
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q10: Date samples collected
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: None
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: S3G0
SAS label: FASTING GLUCOSE (mg/dL)

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

Variable name: S3G2
SAS label: 2-HOURS GLUCOSE (mg/dL)

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

Variable name: S3P_CREA
SAS label: PLASMA CREATININE (mg/dl)

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

Laboratory Measures

Variable name: S3INSU
SAS label: INSULIN (uU/mL)

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

Variable name: S3TPROT
SAS label: TOTAL PROTEIN (gm/dL)

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

Variable name: S3P_ALB
SAS label: PLASMA ALBUMIN (gm/dL)

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

Variable name: S3UACID
SAS label: URIC ACID (mg/dL)

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

Variable name: S3BUN
SAS label: BLOOD UREA NITROGEN (mg/dl)

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

Laboratory Measures

Variable name: S3CAL
SAS label: CALCIUM (mg/dl)

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

Variable name: S3PHOSP
SAS label: PHOSPHORUS (mg/dL)

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

Variable name: S3CHL
SAS label: CHLORIDE (mEq/L)

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

Variable name: S3SOD
SAS label: SODIUM (mEq/L)

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

Variable name: S3POT
SAS label: POTASSIUM (mEq/L)

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

Laboratory Measures

Variable name: S3ALP
SAS label: ALKALINE PHOSPHATASE (U/L)

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

Variable name: S3ALT
SAS label: ALANINE AMINOTRANSFERASE (SGPT) (IU/L)

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

Variable name: S3AST
SAS label: ASPARTATE AMINOTRANSFERASE (SGOT) (IU/L)

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

Variable name: S3TBILI
SAS label: TOTAL BILIRUBIN (mg/dL)

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

Variable name: S3HBA1C
SAS label: HEMOGLOBIN A1C (%)

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

Laboratory Measures

Variable name: S3CO2
SAS label: CO2(mEq/L)

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

Variable name: S3LDH
SAS label: LACTATE DEHYDROGENASE

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

HEMOSTASIS

Variable name: S3FIBRIN
SAS label: FIBRINOGEN (mg/dL)

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

LIPIDS

Variable name: S3APOA1
SAS label: APO LIPOPROTEIN A1 (APOA1) (mg/dL)

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

Variable name: S3APOB
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: S3APOE
SAS label: APO LIPOPROTEIN E (APOE) (mg/dL)

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

Variable name: S3TC
SAS label: TOTAL CHOLESTEROL (mg/dL)

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

Variable name: S3TG
SAS label: TRIGLYCERIDE (mg/dL)

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

Variable name: S3HDL
SAS label: HDL CHOLESTEROL (mg/dL)

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

Variable name: S3LDL
SAS label: LDL CHOLESTEROL (mg/dL)

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

Laboratory Measures

Variable name: S3VLDLTG
SAS label: VLDL TRIGLYCERIDE (mg/dL)

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

Variable name: S3VLDLC
SAS label: VLDL CHOLESTEROL (mg/dL)

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

Variable name: S3LPA
SAS label: LIPOPROTEIN(a)

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

Variable name: S3PAI1
SAS label: PLASMOGEN ACTIVATOR INHIBITOR-1 (PAI-1) (ng/mL)

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

URINE COLLECTION

Variable name: S3U_ALB
SAS label: URINE ALBUMIN (mg/L)

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

Laboratory Measures

Variable name: S3U_CREA
SAS label: URINE CREATININE (mg/dL)

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	

CBC Results

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

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

Variable name: WBC3
SAS label: WHITE BLOOD CELL COUNT ($10^9/L$)
Question: Q1: WBC ($10^9/L$)
Note: None

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

Variable name: RBC3
SAS label: RED BLOOD CELL COUNT ($10^{12}/L$)
Question: Q2: RBC ($10^{12}/L$)
Note: None

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

Variable name: HGB3
SAS label: HEMOGLOBIN (g/dL)
Question: Q3: HGB (g/dL)
Note: None

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

CBC Results

Variable name: HCT3
SAS label: HEMATOCRIT (%)
Question: Q4: HCT (%)
Note: None

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

Variable name: MCV3
SAS label: MEAN CELL VOLUME (fL)
Question: Q5: MCV (fL)
Note: None

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

Variable name: MCH3
SAS label: MEAN CORPUSCULAR HEMOGLOBIN (pg)
Question: Q6: MCH (pg)
Note: None

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

Variable name: MCHC3
SAS label: MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (g/dL)
Question: Q7: MCHC (g/dL)
Note: None

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

CBC Results

Variable name: RDW3
SAS label: RED CELL DISTRIBUTION WIDTH (%)
Question: Q8: RDW (%)
Note: None

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

Variable name: PLT3
SAS label: PLATELET COUNT (10⁹/L)
Question: Q9: Platelet count (10⁹/L)
Note: None

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

Variable name: MPV3
SAS label: MEAN PLATELET VOLUME (fL)
Question: Q10: MPV (fL)
Note: None

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

DIFFERENTIAL

Variable name: NEUT3
SAS label: NEUTROPHIL (%)
Question: Q11: NEUT (%)
Note: None

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

CBC Results

Variable name: Lymph3
SAS label: LYMPHOCYTE (%)
Question: Q12: LYMPH (%)
Note: None

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

Variable name: Mono3
SAS label: MONOCYTE (%)
Question: Q13: MONO (%)
Note: None

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

Variable name: EOS3
SAS label: EOSINOPHIL (%)
Question: Q14: EOS (%)
Note: None

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

Variable name: Baso3
SAS label: BASOPHIL (%)
Question: Q15: BASO (%)
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: CBC_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q16: Did the participant have a CBC?
Note: None

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

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q17: Code number of person completing this form
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q18: Date of data collection
Note: None

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

CBC Results

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

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

Derived Medication

Variable name: IDNO
SAS label: ID NUMBER

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

Variable name: S3ANTIHIIST
SAS label: ANTIHISTIMINES
Question: Antihistimine Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 4:00

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S3ANTIBIOTIC
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: S3ANTINEO
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: S3ANTICOAG
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: S3CARDIAC
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: S3LIPIDLOW
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: S3HYPOTEN
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: S3BETABLOCK
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: S3ANALGESIC
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: S3ASPIRIN
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: S3ANTICONV
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: S3PSYCHOTHER
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: S3DIURETIC
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: S3GASTRO
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: S3ADRENAL
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: S3CONTRA
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: S3ESTRO
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: S3ANTIDM
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: S3INSULIN
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: S3SULFRON
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: S3THYROID
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: S3SKIN
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: S3VITAMIN
SAS label: VITAMINS
Question: Vitamins
Note: AHFS Pharmacologic-therapeutic Classification: 88:00

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived 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		
Open text field specified	Range of text fields	

Derived Medication Details

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		
Open text field specified	Range of text fields	

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
Open text field blank		
Open text field specified	Range of text fields	

Variable name: LEVEL1GRP
SAS label: AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 1

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: LEVEL2GRP
SAS label: AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 2

Code or Value	Value Description	Skip to item
Open text field blank		

Derived Medication Details

Variable name: LEVEL3GRP
SAS label: AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 3

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: S3ANTIHIIST
SAS label: ANTIHISTIMINES
Question: Antihistimine Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 4:00

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: S3ANTIBIOTIC
SAS label: ANTIBIOTICS
Question: Antibacterial Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 08:12

Code or Value	Value description	Skip to item
0	No	

Variable name: S3ANTINEO
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	

Derived Medication Details

Variable name: S3ANTICOAG
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: S3CARDIAC
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	

Variable name: S3LIPIDLOW
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	

Derived Medication Details

Variable name: S3HYPOTEN
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: S3BETABLOCK
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	

Variable name: S3ANALGESIC
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	

Derived Medication Details

Variable name: S3ASPIRIN
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: S3ANTICONV
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	

Variable name: S3PSYCHOTHER
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	

Derived Medication Details

Variable name: S3DIURETIC
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: S3GASTRO
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	

Variable name: S3ADRENAL
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	

Derived Medication Details

Variable name: S3CONTRA
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: S3ESTRO
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	

Variable name: S3ANTIDM
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	

Derived Medication Details

Variable name: S3INSULIN
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: S3SULFRON
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	

Variable name: S3THYROID
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	

Derived Medication Details

Variable name: S3SKIN
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: S3VITAMIN
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 3 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: S3EXDATE
SAS label: SHS3 EXAM DATE
Note: None

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

Variable name: S3AGE
SAS label: SHS3 AGE
Note: $S3AGE = (SHS3 \text{ Exam Date} - \text{Date of Birth}) / 365.25$

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

Phase 3 Derived Variables

Variable name: S3ADADM
SAS label: SHS3 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:

$110 \leq$ 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	

Variable name: S3ADADM
SAS label: SHS3 DURATION (YEARS) OF DIABETES ACCORDING TO 1997 ADA CRITERIA
Note: S3ADADM = Age at exam – Age diabetes was diagnosed

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

Phase 3 Derived Variables

Variable name: S3DMTX
SAS label: SHS3 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: S3SBP
SAS label: SHS3 SYSTOLIC BLOOD PRESSURE (mmHg)
Note: $S3SBP = (1^{st} \text{ measured SBP} + 2^{nd} \text{ measured SBP}) / 2$

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

Variable name: S3DBP
SAS label: SHS3 DIASTOLIC BLOOD PRESSURE (mmHg)
Note: $S3DBP = (1^{st} \text{ measured DBP} + 2^{nd} \text{ measured DBP}) / 2$

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

Phase 3 Derived Variables

Variable name: S3MBP
SAS label: SHS3 MEAN ARTERIAL PRESSURE (mmHg)
Note: S3MBP = (2/3 S3SBP) + (1/3 S3DBP)

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

Variable name: S3USHTN
SAS label: SHS3 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. S3SBP ≥ 140 mmHg

OR

4. S3DBP ≥ 90 mmHg

No Hypertension:

S3SBP < 140 AND S3DBP < 90 AND No Antihypertensive treatment

Code or Value	Value description	Skip to item
N	No	
Y	Yes	
	Missing	

Phase 3 Derived Variables

Variable name: S3HTNRX
SAS label: SHS3 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	

Variable name: S3ACR
SAS label: SHS3 ALBUMINURIA
Note: Normal: Urinary albumin/creatinine < 30 mg/g
 Microalbuminuria: $30 \leq$ Urinary albumin/creatinine < 299 mg/g
 Macroalbuminuria: Urinary albumin/creatinine ratio \geq 300 mg/g

Code or Value	Value description	Skip to item
1	Normal	
2	Microalbuminuria	
3	Macroalbuminuria	
.	Missing	

Variable name: S3UACR
SAS label: SHS3 URINARY ALBUMIN/CREATININE RATIO (mg/g)
Note: S3UACR = Urine Albumin / Urine Creatinine

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

Phase 3 Derived Variables

Variable name: S3LACR
SAS label: SHS3 NATURAL LOG OF URINARY ALBUMIN/CREATININE RATIO
Note: S3LACR = ln(S3UACR)

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

Variable name: S3CCR
SAS label: SHS3 COCKROFT-GAULT CREATININE CLEARANCE (mm/min)
Note: If Male:

$$S3CCR = [(140 - \text{age}) * \text{weight}] / (72 * \text{serum creatinine})$$

If Female:

$$S3CCR = [[(140 - \text{age}) * \text{weight}] / (72 * \text{serum creatinine})] * 0.85$$

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

Variable name: S3GRFM2
SAS label: SHS3 GLOMERULAR FILTRATION RATE (mL/min/1.73²) - (MDRD with 175 constant)
Note: If male:

$$S3GRFM2 = 175 * \text{serum creatinine}^{-1.154} * \text{age}^{-0.203}$$

If female:

$$S3GRFM2 = 175 * \text{serum creatinine}^{-1.154} * \text{age}^{-0.203} * 0.742$$

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

Phase 3 Derived Variables

Variable name: S3P_CREA_CAL
SAS label: SHS3 RECALIBRATED PLASMA CREATININE (mg/dL)
Note: S3P_CREA_CAL = -0.08995779 + 0.99246824 * S3P_CREA

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

Variable name: S3GFR_MC
SAS label: SHS3 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (MDRD with 175 constant and recalibrated creatinine)
Note: If male:

$$S3GRF_MC = 175 * S3P_CREA_CAL^{-1.154} * S3AGE^{-0.203}$$

If female:

$$S3GRF_MC = 175 * S3P_CREA_CAL^{-1.154} * S3AGE^{-0.203} * 0.742$$

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

Variable name: S3GFR_EPIC
SAS label: SHS3 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (CKD-EPI and recalibrated creatinine)
Note: If male and S3P_CREA ≤ 0.9:

$$S3GRF_EPIC = 141 * (S3P_CREA_CAL / 0.9)^{-0.411} * 0.993^{S3AGE}$$

If male and S3P_CREA > 0.9:

$$S3GRF_EPIC = 141 * (S3P_CREA_CAL / 0.9)^{-1.209} * 0.993^{S3AGE}$$

If female and S3P_CREA ≤ 0.7:

$$S3GRF_EPIC = 144 * (S3P_CREA_CAL / 0.7)^{-0.329} * 0.993^{S3AGE}$$

If female and S3P_CREA > 0.7:

$$S3GRF_EPIC = 144 * (S3P_CREA_CAL / 0.7)^{-1.209} * 0.993^{S3AGE}$$

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

Phase 3 Derived Variables

Variable name: S3RT_AAR
SAS label: SHS3 RIGHT ANKLE-ARM RATIO
Note: S3RT_AAR = Right ankle blood pressure / Right arm blood pressure

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

Variable name: S3LT_AAR
SAS label: SHS3 LEFT ANKLE-ARM RATIO
Note: S3LT_AAR = Left ankle blood pressure / Right arm blood pressure

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

Variable name: S3PP
SAS label: SHS3 PULSE PRESSURE (mm/Hg)
Note: S3PP = Systolic blood pressure – Diastolic blood pressure

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

Variable name: S3BMI
SAS label: SHS3 BODY MASS INDEX (kg/m²)
Note: S3BMI = weight (kg) / (height (cm)/100)²

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

Phase 3 Derived Variables

Variable name: S3WHR
SAS label: SHS3 WAIST HIP RATIO
Note: S3WHR = Waist circumference / Hip circumference

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

Variable name: S3BDFAT
SAS label: SHS3 %BODY FAT - (RJL CALCULATION)
Note: If Male:

$$\text{BODYH2O} = \text{EXP}(1.1782 * \text{LOG}(\text{height}) - 0.5968 * \text{LOG}(\text{resistance}) + 0.3226 * \text{LOG}(\text{weight}))$$

 If Female:

$$\text{BODYH2O} = \text{EXP}(1.2004 * \text{LOG}(\text{height}) - 0.5529 * \text{LOG}(\text{resistance}) + 0.2164 * \text{LOG}(\text{weight}))$$

$$\text{S3BDFAT} = ([\text{weight} - (\text{bodyH2O} / 0.732)] / \text{weight}) * 100$$

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

Phase 3 Derived Variables

Variable name: S3SMOKE
SAS label: SHS3 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: S3SMKD
SAS label: SHS3 SMOKING DURATION IN YEARS
Note: None

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

Phase 3 Derived Variables

Variable name: S3PPY
SAS label: SHS3 SMOKING PACKS PER YEAR
Note: None

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

Variable name: S3ETOH
SAS label: SHS3 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 3 Derived Variables

Variable name: S3MENO
SAS label: SHS3 POSTMENOPAUSAL
Note: S3MENO = Y if menopause group is natural, surgical, age, or unknown
Else S3MENO = 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 3 Derived Variables

Variable name: S3ESTRO
SAS label: SHS3 ESTROGEN USE
Note: Current User:

Medication history indicated estrogen use

Ex-User:

If used estrogen and not list estrogen on medical history

OR

Phase 1 or Phase 2 current user

Never Used:

If never used estrogen

Code or Value	Value description	Skip to item
C	Current user	
E	Ex-user	
N	Never used	
	Missing	

Variable name: S3HOMAIR
SAS label: SHS3 HOMEOSTASIS ASSESSMENT (HOMA-IR)
Note: None

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