



Phase IV

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 IV Data Forms](#).

Personal Interview Form I

VARIABLE	LABEL
IDNO	ID NUMBER
DEMOGRAPHIC INFORMATION	
INT14_5	GENDER
INT14_6	DATE OF BIRTH
INT14_7	MARITAL HISTORY
HOSP4A	HOSPITAL A
IHSNO4_1	CHART NUMBER 1
IHS4_1	IHS HOSPITAL
INT14_14	HOSPITAL CODE
HOSP4B	HOSPITAL B
IHSNO4_2	CHART NUMBER 2
IHS4_2	IHS HOSPITAL
INT14_16	HOSPITAL CODE
HOSP4C	HOSPITAL C
IHSNO4_3	CHART NUMBER 3
IHS4_3	IHS HOSPITAL
INT14_18	HOSPITAL CODE
HOSP4D	HOSPITAL D
IHSNO4_4	CHART NUMBER 4
IHS4_4	IHS HOSPITAL
INT14_20	HOSPITAL CODE
INT14_35	YEARS OF EDUCATION
INT14_41	IF NOT AMERICAN INDIAN, WHAT ETHNICITY
INT14_42	SPECIFY OTHER
CENTER	SHS SITE

Personal Interview Form II

VARIABLE	LABEL
IDNO	ID NUMBER
WEIGHT SATISFACTION	
INT24_1	SATISFIED WITH YOUR PRESENT WEIGHT
INT24_2	LOSE OR GAIN WEIGHT
INT24_3	WEIGHT LOSS: EATING
INT24_4	WEIGHT LOSS: PHYSICAL ACTIVITY
INT24_5	WEIGHT LOSS: MEDICATION
INT24_6	WEIGHT LOSS: OTHER
INT24_7	WEIGHT LOSS: OTHER SPECIFY
FAMILY INCOME	
INT24_11	HOUSEHOLD INCOME MEET FAMILY NEEDS
INT24_12	GOING TO SCHOOL
INT24_26	WORK HOURS PER WEEK
INT24_27	ANNUAL HOUSEHOLD INCOME
TOBACCO	
INT24_28	SMOKE >100 CIGARETTES
INT24_29	HOW OLD FIRST STARTED
INT24_51	QUIT SMOKING
INT24_52	IF QUIT: LAST SMOKE (YEAR)
INT24_53	REASON FOR QUITTING: DOCTOR'S ADVICE
INT24_54	REASON FOR QUITTING: HEALTH CONCERNS
INT24_55	REASON FOR QUITTING: EXPENSES
INT24_56	REASON FOR QUITTING: PER FAMILY PRESSURE
INT24_57	REASON FOR QUITTING: PEER PRESSURE
INT24_58	REASON FOR QUITTING: OTHER
INT2458A	REASON FOR QUITTING: OTHER SPECIFY
INT24_31	# OF CIGARETTES PER DAY
INT24_32	# OF CIGARETTES PER MONTH
INT24_33	OCCASION TO SMOKE: STRESS
INT24_34	OCCASION TO SMOKE: CASINOS
INT24_35	OCCASION TO SMOKE: WAKES/ FUNERALS

Personal Interview Form II

VARIABLE	LABEL
INT24_36	OCCASION TO SMOKE: WHEN DRINKING ALCOHOL
INT24_37	OCCASION TO SMOKE: SOCIAL MEETINGS
INT24_38	OCCASION TO SMOKE: WHEN YOU HAVE EXTRA MONEY
INT24_39	OCCASION TO SMOKE: BINGO
INT24_40	OCCASION TO SMOKE: SCHOOL
INT24_41	OCCASION TO SMOKE: OTHER,
INT24_42	OCCASION TO SMOKE: OTHER SPECIFY
INT24_43	WHEN INCREASED HOW MANY CIGARETTES DO YOU SMOKE
INT24_30	DO YOU SMOKE CIGARETTES NOW
INT24_44	CHANGE YOUR SMOKING HABIT
INT24_45	IF YES, PREFER TO: REDUCE # OF CIGARETTE
INT24_46	IF YES, PREFER TO: SWITCH TO LOWER TAR
INT24_47	IF YES, PREFER TO: USE NICOTINE PATCH/CHEWING GUM
INT24_48	IF YES, PREFER TO: QUIT
INT24_49	IF YES, PREFER TO: OTHER
INT24_50	IF YES, PREFER TO: OTHER SPECIFY
INT24_59	CHEWING TOBACCO/SNUFF
INT2459A	HOW MANY TIMES/DAY USING CHEWING TOBACCO/SNUFF
PASSIVE SMOKING	
INT24_60	FATHER EVER SMOKED CIGARETTES
INT24_61	MOTHER EVER SMOKED CIGARETTES
INT24_62	SOMEONE YOU SPENT A LOT TIME WITH SMOKED CIGARETTES
INT24_63	HOURS EXPOSED TO THE SMOKE OF OTHERS/ DAY
ALCOHOL	
INT24_64	EVER CONSUMED ALCOHOLIC BEVERAGES
INT24_65	WHEN WAS YOUR LAST DRINK
INT24_66	# OF MONTHS AGO
INT24_67	TOTAL # OF DRINKS IN A TYPICAL WEEK
INT24_68	# DAYS PER MONTH HAVE AT LEAST ONE DRINK

Personal Interview Form II

VARIABLE	LABEL
INT24_69	AVERAGE # OF DRINKS ON DAYS WHEN YOU DO DRINK
INT24_70	WHEN MORE THAN USUAL, HOW MANY DRINKS
INT24_71	HOW MANY TIMES IN A MONTH
INT24_73	PAST MONTH \geq 5 DRINKS
INT24_74	PAST YEAR \geq 5 DRINKS
PERCEIVED STRESS	
INT24_75	UPSET BECAUSE SOMETHING HAPPENED UNEXPECTEDLY
INT24_76	FELT NERVOUS OR 'STRESSED'
INT24_77	DEALT WITH IRRITATING LIFE HASSLES
INT24_78	FELT THINGS WERE GOING YOUR WAY
INT24_79	FELT UNABLE TO CONTROL IRRITATIONS
INT24_80	FELT ON THE TOP OF THINGS
INT24_81	FELT DIFFICULTIES/PROBLEMS PILING UP
INT24_82	HOW MUCH TIME WATCHING TV
ADMINISTRATIVE INFORMATION	
INT24_83	HOW RELIABLE OF THE QUESTIONNAIRE
INT_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Medical History

VARIABLE	LABEL
IDNO	ID NUMBER
MEDICAL CONDITIONS	
MED4_1	HIGH BLOOD PRESSURE (HBP)
MED4_2	HBP AGE OF DIAGNOSIS
MED4_3	ARTHRITIS
MED4_4	FRACTURE ASSOCIATED W/OSTEOPOROSIS
MED4_4A	FRACTURE WHERE
MED4_5	RHEUMATIC HEART DISEASE
MED4_6	GALLSTONES
MED4_7	CANCER
MED4_7A	CANCER TYPE
MED4_8	DIABETES (DM)
MED4_10	DM AGE OF DIAGNOSIS
MED4_11	DM TREATMENT: INSULIN
MED4_12	DM TREATMENT: ORAL HYPOGLYCEMIC
MED4_13	DM TREATMENT: BY DIETARY CONTROL
MED4_14	DM TREATMENT: BY EXERCISE
MED4_15	DM TREATMENT: DO NOTHING
MED4_16	DM TREATMENT: OTHER
MED4_16A	DM TREATMENT: OTHER, SPECIFY
MED4_17	KIDNEY FAILURE
MED4_18	KIDNEY FAILURE ONE OR BOTH KIDNEYS WORKING WELL
MED4_19	KIDNEY FAILURE AGE OF DIAGNOSIS
MED4_20	RENAL DIALYSIS
MED4_21	KIDNEY TRANSPLANT
MED4_22	KIDNEY TRANSPLANT NEW KIDNEY WORKING WELL
MED4_23	KIDNEY TRANSPLANT WAITING FOR KIDNEY TRANSPLANT
MED4_24	CIRRHOSIS OF LIVER
HEART PROBLEMS	
MED4_29	HEART CATHETERIZATION
MED4_29D	HEART CATH DATE
MED4_29P	HEART CATH HOSPITAL/CLINIC
MED4_30	ANGIOPLASTY

Medical History

VARIABLE	LABEL
MED4_30D	ANGIOPLASTY DATE
MED4_30P	ANGIOPLASTY HOSPITAL/CLINIC
MED4_31	EXERCISE TEST/TREADMILL
MED4_31D	EXERCISE TEST DATE
MED4_31P	EXERCISE TEST HOSPITAL/CLINIC
MED4_32	CONGESTIVE HEART FAILURE
MED4_32D	CONGESTIVE HEART FAILURE DATE
MED4_32P	CONGESTIVE HEART FAILURE HOSPITAL/CLINIC
MED4_32N	STILL HAVE HEART FAILURE NOW
MED4_33	HEART ATTACK
MED4_33D	HEART ATTACK DATE
MED4_32P	CONGESTIVE HEART FAILURE HOSPITAL/CLINIC
MED4_33	HEART ATTACK
MED4_33D	HEART ATTACK DATE
MED4_33P	HEART ATTACK HOSPITAL/CLINIC
MED4_34	ANY OTHER HEART TROUBLE
MED4_34A	SPECIFY OTHER HEART TROUBLE
MED4_34D	OTHER HEART TROUBLE DATE
MED4_34P	OTHER HEART TROUBLE HOSPITAL/CLINIC
MED4_35	STROKE
MED4_35D	STROKE DATE
MED4_35P	STROKE HOSPITAL/CLINIC
MED4_36	HAVE YOU HAD CHEST SURGERY
MED4_37	WAS IT HEART SURGERY
MED4_38	BYPASS
MED4_38D	BYPASS DATE
MED4_38P	BYPASS HOSPITAL/CLINIC
MED4_39	VALVULAR REPAIR/REPLACEMENT
MED4_39D	VALVULAR REPAIR/REPLACE DATE
MED4_39P	VALVULAR REPAIR/REPLACE HOSPITAL/CLINIC
MED4_40	PACEMAKER
MED4_40D	PACEMAKER DATE
MED4_40P	PACEMAKER HOSPITAL/CLINIC

Medical History

VARIABLE	LABEL
MED4_41	OTHER HEART SURGERY
MED4_41A	SPECIFY OTHER HEART SURGERY
MED4_41D	OTHER HEART SURGERY DATE
MED4_41P	OTHER HEART SURGERY HOSPITAL/CLINIC
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 (Women Only)

VARIABLE	LABEL
IDNO	ID NUMBER
REP4_1	NUMBER OF PREGNANCY (GRAVIDITY)
REP4_2	NUMBER OF LIVE BIRTHS (PARITY)
REP4_3	NUMBER OF LIVING CHILDREN
REP4_4	NUMBER OF LOST PREGNANCIES
REP4_5	USED BIRTH CONTROL PILLS
REP4_6	STILL USE BIRTH CONTROL PILLS
REP4_7	AGE STARTED TO USE BIRTH CONTROL PILLS
REP4_8	YEARS USED BIRTH CONTROL PILLS
REP4_9	USED BIRTH CONTROL IMPLANT
REP4_10	STILL USE BIRTH CONTROL IMPLANT
REP4_11	AGE STARTED TO USE BIRTH CONTROL IMPLANT
REP4_12	YEARS USED BIRTH CONTROL IMPLANT
REP4_42	EVER USED BIRTH CONTROL SHOTS
REP4_42A	STILL USE BIRTH CONTROL SHOTS
REP4_42B	AGE STARTED TO USE BIRTH CONTROL SHOTS
REP4_42C	YEARS USED BIRTH CONTROL SHOTS
REP4_13	AGE STARTED TO HAVE MENSTRUAL CYCLES
REP4_14	STOPPED MENSTRUATING
REP4_15	STOPPED MENSTRUATING ONE YEAR AGO
REP4_16	AGE AT MENOPAUSE
REP4_17	MENOPAUSE NATURAL, SURGERY/HORMONE OR OTHER
REP4_17A	MENOPAUSE SPECIFY OTHER
REP4_18	REMOVED OVARIES
REP4_19	USED ESTROGEN
REP4_20	AGE STARTED ESTROGEN
REP4_21	YEARS USED ESTROGEN
REP4_22	ESTROGEN USE: POST SURGERY
REP4_23	ESTROGEN USE: RELIEF OF MENOPAUSE
REP4_24	ESTROGEN USE: PREVENT BONE LOSS
REP4_25	ESTROGEN USE: PROTECT HEART DISEASE
REP4_26	ESTROGEN USE: DOCTOR'S ADVICE
REP4_26A	ESTROGEN USE: OTHER REASON

Reproduction and Hormone Use (Women Only)

VARIABLE	LABEL
REP4_26B	ESTROGEN USE: SPECIFY OTHER
REP4_26C	TAKE PROGESTERONE WITH ESTROGEN
REP4_27	FORM OF ESTROGEN
REP4_28	STILL TAKING ESTROGEN
REP4_29	STOP ESTROGEN: CAUSED BLEEDING
REP4_30	STOP ESTROGEN: MADE BREASTS TENDER
REP4_31	STOP ESTROGEN: MADE ME FEEL BLOATED
REP4_32	STOP ESTROGEN: MADE ME FUNNY
REP4_33	STOP ESTROGEN: DO NOT LIKE TAKING ANY MEDICATION
REP4_34	STOP ESTROGEN: TOO EXPENSIVE
REP4_35	STOP ESTROGEN: DOCTOR'S ADVICE
REP4_36	STOP ESTROGEN: LONG TERM SIDE EFFECTS
REP4_37	STOP ESTROGEN: OTHER
REP4_37A	STOP ESTROGEN: SPECIFY OTHER
REP4_38	TAKEN PROGESTERONE BY ITSELF
REP4_39	AGE STARTED TO USE PROGESTERONE
REP4_40	YEARS USED PROGESTERONE
REP4_41	STILL TAKING PROGESTERONE
REP4_42	EVER USED BIRTH CONTROL SHOTS
ADMINISTRATIVE INFORMATION	
REP_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Screening for Pregnancy and Lactation (Women only)

VARIABLE	LABEL
IDNO	ID NUMBER
PREG4_1	ARE YOU PREGNANT?
PREG4_2	DATE OF LAST MENSTRUAL PERIOD
PREG4_3	DATE OF LAST PREGNANCY END
PREG4_4	CURRENTLY BREAST FEEDING
PREG4_5	HOW LONG HAVE YOU BEEN BREAST FEEDING (IN MONTH)
ADMINISTRATIVE INFORMATION	
PR4_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	
ROSE4_1	PAIN/DISCOMFORT IN CHEST
ROSE4_2	CHEST PAIN WALKING UPHILL
ROSE4_3	CHEST PAIN WALKING ORDINARY
ROSE4_4	RESPONSE TO CHEST PAIN WHEN WALKING
ROSE4_5	CHEST PAIN STANDING STILL
ROSE4_6	TIME TO CHEST PAIN RELIEF
ROSE4_7A	CHEST PAIN: STERNUM (UPPER OR MIDDLE)
ROSE4_7B	CHEST PAIN: STERNUM (LOWER)
ROSE4_7C	CHEST PAIN: LEFT ANTERIOR CHEST
ROSE4_7D	CHEST PAIN: LEFT ARM
ROSE4_7E	CHEST PAIN: OTHER
ROSE47EA	CHEST PAIN: SPECIFY OTHER
ROSE4_8	OTHER CHEST PAIN LOCATION
ROSE4_8A	ADDITIONAL INFORMATION ABOUT CHEST PAIN
POSSIBLE INFARCTION	
ROSE4_9	FRONT CHEST PAIN >=30 MIN
INTERMITTENT CLAUDICATION	
ROSE4_10	LEG PAIN WALKING
ROSE4_11	LEG PAIN WHEN STILL
ROSE4_12	LEG PAIN LOCATION
ROSE412A	LEG PAIN LOCATION, IF CALVES NOT MENTIONED, SPECIFY
ROSE4_13	LEG PAIN WALKING UPHILL
ROSE4_14	LEG PAIN WALKING ORDINARY
ROSE4_15	LEG PAIN RELIEVED WHEN WALKING
ROSE4_16	RESPONSE TO LEG PAIN WHEN WALKING
ROSE4_17	LEG PAIN STANDING STILL
ROSE4_18	TIME TO LEG PAIN RELIEF
ADMINISTRATIVE INFORMATION	
RS4_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Respiratory Questions

VARIABLE	LABEL
IDNO	ID NUMBER
RESP4_1	USUALLY HAVE A COUGH
RESP4_2	USUALLY COUGH 4-6 TIMES A DAY OR WEEK
RESP4_3	USUALLY COUGH ON GETTING UP
RESP4_4	USUALLY COUGH LIKE THIS FOR 3 CONSECUTIVE MONTHS
RESP4_5Y	HOW LONG HAVE YOU HAD A COUGH (YEAR)
RESP4_5M	HOW LONG HAVE YOU HAD A COUGH(MONTH)
RESP4_6	USUALLY HAVE PHLEGM FROM THE CHEST WHEN YOU COUGH
RESP4_7	CHEST WHEEZY OR WHISTLING: HAVE A COLD
RESP4_8	CHEST WHEEZY OR WHISTLING: OCCASIONALLY APART FROM COLDS
RESP4_9	CHEST WHEEZY OR WHISTLING: MOST DAYS
RESP4_10	CHEST WHEEZY OR WHISTLING: MOST NIGHTS
RESP4_11	WHEEZY MADE YOU SHORT OF BREATH
RESP4_12	SHORTNESS OF BREATH WHEN HURRYING
RESP4_13	WALK SLOWER DUE TO BREATHLESSNESS
RESP4_14	STOP FOR BREATH WHEN WALKING
RESP4_15	STOP FOR BREATH AFTER WALKING 100 YARDS
RESP4_16	BREATHLESS TO LEAVE THE HOUSE OR AFTER DRESSING
RESP4_17	LUNG TROUBLE BEFORE AGE OF 16
RESP4_18	BEEN TOLD YOU SNORE
LUNG PROBLEMS	
RESP4_19	EMPHYSEMA
RESP4_20	HAY FEVER
RESP4_21	CHRONIC BRONCHITIS
RESP4_22	ASTHMA
RESP4_23	STILL HAVE ASTHMA
RESP4_24	HAVE WHEEZING/WHISTLING IN THE CHEST THIS YEAR
ADMINISTRATIVE INFORMATION	
RES_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Physical Examination

VARIABLE	LABEL
IDNO	ID NUMBER
EXAMINATION OF EXTREMITIES FOR AMPUTATIONS	
EX4_9	EXTREMITIES MISSING
EX4_10	RIGHT ARM: MISSING
EX4_11	RIGHT ARM: CAUSE
EX4_11A	RIGHT ARM: OTHER CAUSE
EX4_12	RIGHT HAND: MISSING
EX4_13	RIGHT HAND: CAUSE
EX4_13A	RIGHT HAND: OTHER CAUSE
EX4_14	RIGHT FINGER(S): MISSING
EX4_15	RIGHT FINGER(S): HOW MANY
EX4_16	RIGHT FINGER(S): CAUSE
EX4_16A	RIGHT FINGER(S): OTHER CAUSE
EX4_17	LEFT ARM: MISSING
EX4_18	LEFT ARM: CAUSE
EX4_18A	LEFT ARM: OTHER CAUSE
EX4_19	LEFT HAND: MISSING
EX4_20	LEFT HAND: CAUSE
EX4_20A	LEFT HAND: OTHER CAUSE
EX4_21	LEFT FINGER(S): MISSING
EX4_22	LEFT FINGER(S): HOW MANY
EX4_23	LEFT FINGER(S): CAUSE
EX4_23A	LEFT FINGER(S): OTHER CAUSE
EX4_24	RIGHT LEG ABOVE KNEE: MISSING
EX4_25	RIGHT LEG ABOVE KNEE: CAUSE
EX4_25A	RIGHT LEG ABOVE KNEE: OTHER CAUSE
EX4_26	RIGHT LEG BELOW KNEE: MISSING
EX4_27	RIGHT LEG BELOW KNEE: CAUSE
EX4_27A	RIGHT LEG BELOW KNEE: OTHER CAUSE
EX4_28	RIGHT FOOT: MISSING
EX4_29	RIGHT FOOT: CAUSE
EX4_29A	RIGHT FOOT: OTHER CAUSE
EX4_30	RIGHT TOE(S): MISSING

Physical Examination

VARIABLE	LABEL
EX4_31	RIGHT TOE(S): HOW MANY
EX4_32	RIGHT TOE(S): CAUSE
EX4_32A	RIGHT TOE(S): OTHER CAUSE
EX4_33	LEFT LEG ABOVE KNEE: MISSING
EX4_34	LEFT LEG ABOVE KNEE: CAUSE
EX4_34A	LEFT LEG ABOVE KNEE: OTHER CAUSE
EX4_35	LEFT LEG BELOW KNEE: MISSING
EX4_36	LEFT LEG BELOW KNEE: CAUSE
EX4_36A	LEFT LEG BELOW KNEE: OTHER CAUSE
EX4_37	LEFT FOOT: MISSING
EX4_38	LEFT FOOT: CAUSE
EX4_38A	LEFT FOOT: OTHER CAUSE
EX4_39	LEFT TOE(S): MISSING
EX4_40	LEFT TOE(S): HOW MANY
EX4_41	LEFT TOE(S): CAUSE
EX4_41A	LEFT TOE(S): OTHER CAUSE
BLOOD PRESSURE	
EX4_42	RIGHT ARM CIRCUMFERENCE (CM)
EX4_43	CUFF SIZE
EX4_44	PULSE OBLITERATION PRESSURE
EX4_45	SYSTOLIC: 1ST BP
EX4_46	DIASTOLIC: 1ST BP
EX4_47	SYSTOLIC: 2ND BP
EX4_48	DIASTOLIC: 2ND BP
EX4_49	SYSTOLIC: 3RD BP
EX4_50	DIASTOLIC: 3RD BP
EX4_51	BP NOT FROM RIGHT ARM
EX4_51A	BP NOT FROM RIGHT ARM SPECIFY
EX4_52	RECORDER ID FOR BP MEASUREMENT
ANTHROPOMETRIC MEASUREMENTS	
EX4_53	HEIGHT STANDING (CM)
EX4_55	WEIGHT (KG)
EX4_57	HIP CIRCUMFERENCE STANDING (CM)

Physical Examination

VARIABLE	LABEL
EX4_59	WAIST SUPINE (CM)
PEDAL PULSES AND EDEMA	
EX4_61	RIGHT POSTERIOR TIBIAL PULSE
EX4_62	RIGHT DORSALIS PEDIS PULSE
EX4_63	LEFT POSTERIOR TIBIAL PULSE
EX4_64	LEFT DORSALIS PEDIS PULSE
EX4_65	PEDAL EDEMA
IMPEDANCE MEASUREMENT	
EX4_66	IMPEDANCE TAKEN
EX4_66A	IMPEDANCE NOT TAKEN REASON
EX4_67	IMPEDANCE TAKEN ON RIGHT SIDE
EX4_67A	IMPEDANCE TAKEN ON LEFT SIDE REASON
EX4_68	RESISTANCE
EX4_69	REACTANCE
DOPPLER BLOOD PRESSURE	
EX4_70	RIGHT ARM: 1ST DOPPLER BP
EX4_71	RIGHT ANKLE: 1ST DOPPLER BP
EX4_72	LEFT ANKLE: 1ST DOPPLER BP
EX4_73	RIGHT ARM: 2ND DOPPLER BP
EX4_74	RIGHT ANKLE: 2ND DOPPLER BP
EX4_75	LEFT ANKLE: 2ND DOPPLER BP
EX4_76	RIGHT ANKLE DOPPLER LOCATION
EX4_77	LEFT ANKLE DOPPLER LOCATION
ACANTHOSIS NIGRICANS	
EX4_78	ACANTHOSIS NIGRICANS
ADMINISTRATIVE INFORMATION	
EX4_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Psychosocial Checklist

VARIABLE	LABEL
IDNO	ID NUMBER
PSY_STAT	QUESTIONNAIRE COMPLETED
PSY4_1	DID NOT UNDERSTAND THE QUESTIONS
PSY4_2	DID NOT HAVE TIME TO COMPLETE
PSY4_3	QUESTIONS ARE INAPPROPRIATE
PSY4_4	UNABLE TO ANSWER
PSY4_5	OTHER
PSY4_5A	SPECIFY OTHER
ADMINISTRATIVE INFORMATION	
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Quality of Life (SF-12)

VARIABLE	LABEL
IDNO	ID NUMBER
QUA4_0	WHO ADMINISTERED QUESTIONNAIRE
QUA4_1	HEALTH IN GENERAL
QUA4_4	MODERATE ACTIVITIES
QUA4_6	CLIMBING SEVERAL STAIRS
QUA4_14	ACCOMPLISH LESS DUE TO PHYSICAL HEALTH
QUA4_15	LIMITED IN TYPE OF WORK DUE TO PHYSICAL HEALTH
QUA4_18	ACCOMPLISH LESS DUE TO EMOTIONAL PROBLEMS
QUA4_19	DIDN'T DO WORK OR ACTIVITIES CAREFULLY DUE TO EMOTIONAL PROBLEMS
QUA4_22	PAIN INTERFERE WITH NORMAL WORK
QUA4_26	FELT CALM AND PEACEFUL
QUA4_27	HAD A LOT OF ENERGY
QUA4_28	FEEL DOWNHEARTED AND BLUE
QUA4_32	PHYSICAL HEALTH & EMOTIONAL PROBLEMS INTERFERE WITH SOCIAL ACTIVITY

ADMINISTRATIVE INFORMATION

INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Culture Factors Questionnaire

VARIABLE	LABEL
IDNO	ID NUMBER
TRADITIONAL VALUES/CULTURE	
CUL4_1	HOW WELL DO YOU UNDERSTAND YOUR INDIAN LANGUAGE
CUL4_2A	NATIVE LANGUAGE
CUL4_2	SPEAK NATIVE LANGUAGE
CUL4_3	FREQUENCY OF SPEAKING NATIVE LANGUAGE
NATIVE LIFESTYLE	
CUL4_4	IDENTIFY WITH OWN TRIBAL TRADITION
CUL4_5	IDENTIFY WITH NON-INDIAN CULTURE
CUL4_6	COMFORTABLE WITH TRIBAL TRADITION
CUL4_7	COMFORTABLE WITH NON-INDIAN CULTURE
ADMINISTRATIVE INFORMATION	
CUL_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

CES-D Scale

VARIABLE	LABEL
IDNO	ID NUMBER
CES_STAT	QUESTIONNAIRE COMPLETED
CES4_1	BOTHERED BY THINGS THAT DON'T USUALLY BOTHER ME
CES4_2	DID NOT FEEL LIKE EATING; APPETITE WAS POOR
CES4_3	COULD NOT SHAKE THE BLUES EVEN WITH HELP
CES4_4	JUST AS GOOD AS OTHER PEOPLE
CES4_5	HAD TROUBLE KEEPING MY MIND ON WHAT I WAS DOING
CES4_6	FELT DEPRESSED
CES4_7	EVERYTHING I DID WAS AN EFFORT
CES4_8	HOPEFUL ABOUT THE FUTURE
CES4_9	MY LIFE HAD BEEN A FAILURE
CES4_10	FELT FEARFUL
CES4_11	MY SLEEP WAS RESTLESS
CES4_12	I WAS HAPPY
CES4_13	TALKED LESS THAN USUAL
CES4_14	FELT LONELY
CES4_15	PEOPLE WERE UNFRIENDLY
CES4_16	ENJOYED LIFE
CES4_17	HAD CRYING SPELLS
CES4_18	FELT SAD
CES4_19	PEOPLE DISLIKED ME
CES4_20	COULDN'T DO WHAT I NEEDED TO DO
CES4_21	FELT DEPRESSED OR SAD IN THE PAST YEAR

ADMINISTRATIVE INFORMATION

INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

MHLC Scale

VARIABLE	LABEL
IDNO	ID NUMBER
MHL_STAT	QUESTIONNAIRE COMPLETED
MHLC4_1	HAVE POWER TO MAKE ONESELF WELL AGAIN
MHLC4_2	IF I'M GOING TO GET SICK, I WILL GET SICK
MHLC4_3	SEE DOCTOR REGULARLY, LESS HEALTH PROBLEMS
MHLC4_4	THINGS AFFECT HEALTH HAPPEN BY ACCIDENT
MHLC4_5	MAINTAIN HEALTH BY CONSULTING PROFESSIONALS
MHLC4_6	DIRECTLY RESPONSIBLE FOR HEALTH
MHLC4_7	OTHER PEOPLE PLAY A BIG PART IN MY HEALTH
MHLC4_8	WRONG WITH MY HEALTH IS MY OWN FAULT
MHLC4_9	WHEN SICK, LET NATURE RUN ITS COURSE
MHLC4_10	HEALTH PROFESSIONALS KEEP ME HEALTHY
MHLC4_11	WHEN STAY HEALTHY, JUST PLAIN LUCKY
MHLC4_12	PHYSICAL WELL-BEING DEPENDS ON HOW WELL I TAKE CARE OF MYSELF
MHLC4_13	ILLNESS IS DUE TO NOT TAKING CARE OF MYSELF
MHLC4_14	TYPE OF CARE DECIDE THE RECOVERY
MHLC4_15	EVEN TAKE CARE, IT IS EASY TO GET SICK
MHLC4_16	ILLNESS IS A MATTER OF FATE
MHLC4_17	STAY HEALTHY BY TAKING GOOD CARE OF MYSELF
MHLC4_18	FOLLOW DOCTORS ORDER IS THE BEST WAY TO STAY HEALTHY
ADMINISTRATIVE INFORMATION	
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Social Support

VARIABLE	LABEL
IDNO	ID NUMBER
AI4_STAT	QUESTIONNAIRE COMPLETED
AI4_1	TALK ON THE PHONE/ GET TOGETHER WITH FRIENDS, RELATIVES
AI4_2	REALLY CARE ABOUT YOU
AI4_3	UNDERSTAND THE WAY YOU FEEL
AI4_4	APPRECIATE YOU
AI4_5	RELY ON THEM FOR HELP
AI4_6	TALK TO THEM ABOUT YOUR WORRIES
AI4_7	RELAX AND BE YOURSELF AROUND THEM
AI4_8	MAKE TOO MANY DEMANDS ON YOU
AI4_9	ARGUE WITH YOU
AI4_10	CRITICIZE YOU
AI4_11	LET YOU DOWN WHEN YOU ARE COUNTING ON THEM
AI4_12	GET ON YOUR NERVES
AI4_13	DRINK OR USE DRUGS TOO MUCH
AI4_14	CAN GO WITH TO PLAY CARDS, BINGO, POWWOW OR COMMUNITY MEETING
AI4_15	LEND YOU MONEY IN AN EMERGENCY
AI4_16	LEND YOU A CAR OR DRIVE YOU
AI4_17	BAIL YOU OUT IF YOU WERE ARRESTED
AI4_18	COULD COUNT ON TO CHECK YOU REGULARLY
AI4_19	ISOLATED YOU FEEL
AI4_20	AVOID FAMILY GATHERING
AI4_21	LEAVE EARLY FOR FAMILY GATHERING
ADMINISTRATIVE INFORMATION	
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Spielberger-Ax/Cook Medley Scale

VARIABLE	LABEL
IDNO	ID NUMBER
SPI_STAT	QUESTIONNAIRE COMPLETED
SPIE4_1	CONTROL MY TEMPER
SPIE4_2	EXPRESS MY ANGER
SPIE4_3	KEEP MY FEELINGS TO MYSELF
SPIE4_4	MAKE THREATS I DON'T REALLY MEAN TO CARRY OUT
SPIE4_5	WITHDRAW FROM PEOPLE WHEN I'M ANGRY
SPIE4_6	GIVE PEOPLE 'THE SILENT TREATMENT' WHEN I'M ANGRY
SPIE4_7	MAKE HURTFUL REMARKS TO OTHERS
SPIE4_8	KEEP MY COOL
SPIE4_9	DO THINGS LIKE SLAM DOORS
SPIE4_10	BOIL INSIDE, BUT DON'T SHOW IT
SPIE4_11	ARGUE WITH OTHERS
SPIE4_12	HOLD GRUDGES THAT I DON'T TELL ANYONE
SPIE4_13	STRIKE OUT AT WHATEVER MAKES ME ANGRY
SPIE4_14	MORE CRITICAL OF OTHERS THAN I LET PEOPLE KNOW
SPIE4_15	GET ANGIER THAN I USUALLY ADMIT
SPIE4_16	CALM DOWN FASTER THAN MOST PEOPLE
SPIE4_17	SAY MEAN THINGS
SPIE4_18	IRRITATED MUCH MORE THAN PEOPLE AWARE OF
SPIE4_19	LOSE MY TEMPER
SPIE4_20	SOMEONE BOTHERS ME, LIKELY TO TELL THEM
COOK4_1	NO ONE CARES ME
COOK4_2	SAFER TO TRUST NOBODY
COOK4_3	LIE TO GET AHEAD
COOK4_4	DISLIKE TO HELP OTHER PEOPLE
COOK4_5	USE UNFAIR MEANS TO GAIN AN ADVANTAGE
COOK4_6	HONEST DUE TO FEAR OF BEING CAUGHT
COOK4_7	WONDER WHY THEY ARE NICE TO ME
COOK4_8	MAKE FRIENDS BECAUSE FRIENDS ARE USEFUL
ADMINISTRATIVE INFORMATION	
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
IDNO	ID Number
CENTER	SHS Site
FOOD FREQUENCY QUESTIONNAIRE	
S4SEX	SHS4 Sex
S4PREGNANT	SHS4 Pregnant
S4AGE	SHS4 Age (years)
S4WEIGHT	SHS4 Scanned Weight (lb)
S4HEIGHTFEET	SHS4 Height (ft)
S4HEIGHTINCHES	SHS4 Height (in)
S4VEGGIESFREQ	SHS4 How Many Vegetables Eaten per Day/Week
S4FRUITSFREQ	SHS4 How Many Fruits Eaten per Day or Week
S4CEREALFREQ	SHS4 How Often Eat Cold Cereal
S4FATOILFREQ	SHS4 How Often Use Fat/Oil in Cooking
S4COOKINGFATPAMORNONE	SHS4 Cooking Fat: PAM OR NO OIL
S4COOKINGFATSTICKMARG	SHS4 Cooking Fat: Stick Margarine
S4COOKINGFATSOFTMARG	SHS4 Cooking Fat: Soft Tub Margarine
S4COOKINGFATBUTTER	SHS4 Cooking Fat: Butter
S4COOKINGFATHALF	SHS4 Cooking Fat: Butter/Marg. blend
S4COOKINGFATDIET	SHS4 Cooking Fat: Lowfat Margarine
S4COOKINGFATVEGGIE	SHS4 Cooking Fat: Corn Oil
S4COOKINGFATOLIVE	SHS4 Cooking Fat: Olive Oil
S4COOKINGFATLARD	SHS4 Cooking Fat: Lard
S4COOKINGFATCRISCO	SHS4 Cooking Fat: Crisco
S4TAKEVITAMIN	SHS4 Do you take Vitamins/Minerals regularly
S4ONEADAYAMOUNT	SHS4 One-A-Day w minerals (how often)
S4ONEADAYYEARS	SHS4 One-A-Day w minerals (years)
S4STRESSTABSAMOUNT	SHS4 Stress-Tabs/B-complex (how often)
S4STRESSTABSYEARS	SHS4 Stress-Tabs/B-complex (years)
S4ANTIOXIDANTAMOUNT	SHS4 Antioxidant combination tabs (how often)
S4ANTIOXIDANTYEARS	SHS4 Antioxidant combination tables (years)
S4VITAMINAAMOUNT	SHS4 Vitamin A (how often)
S4VITAMINAYEARS	SHS4 Vitamin A (years)
S4BETACAROTENEAMOUNT	SHS4 Beta-Carotene (how often)
S4BETACAROTENEYEARS	SHS4 Beta-Carotene (years)
S4VITAMINCAMOUNT	SHS4 Vitamin C (how often)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4VITAMINCYEARS	SHS4 Vitamin C (years)
S4VITAMINEAMOUNT	SHS4 Vitamin E (how often)
S4VITAMINEYEARS	SHS4 Vitamin E (years)
S4FOLATEAMOUNT	SHS4 Folate (how often)
S4FOLATEYEARS	SHS4 Folate (years)
S4CALCIUMAMOUNT	SHS4 Calcium/Dolomite (how often)
S4CALCIUMYEARS	SHS4 Calcium/Dolomite (years)
S4ZINCAMOUNT	SHS4 Zinc (how often)
S4ZINCYEARS	SHS4 Zinc (years)
S4IRONAMOUNT	SHS4 Iron (how often)
S4IRONYEARS	SHS4 Iron (years)
S4SELENIUMAMOUNT	SHS4 Selenium (how often)
S4SELENIUMYEARS	SHS4 Selenium (years)
S4MINERALSYESORNO	SHS4 Minerals
S4MGVITAMINCPERDAY	SHS4 How Many Vitamin C Tablets (per mg)
S4MGVITAMINEPERDAY	SHS4 How Many Vitamin E capsules (per IU)
S4GINKO	SHS4 Ginkgo
S4GINSENG	SHS4 Ginseng
S4STJOHNSWORT	SHS4 St. John's Wort
S4KAVAKAVA	SHS4 Kava Kava
S4ECHINACEA	SHS4 Echinacea
S4MELATONIN	SHS4 Melatonin
S4DHEA	SHS4 DHEA
S4GLUCOSAMINE	SHS4 Glucosamine/Chondroitin
S4OTHERSUPPS	SHS4 Some other supplement
S4DIDNTTAKETHESESUPPS	SHS4 Didn't take these supplements
S4TOMATOJUICEFREQ	SHS4 Tomato Juice (frequency)
S4TOMATOJUICEQUAN	SHS4 Tomato Juice (quantity)
S4ORANGEJUICEFREQ	SHS4 Real Orange Juice (frequency)
S4ORANGEJUICEQUAN	SHS4 Real Orange Juice (quantity)
S4CALCIUMOJ	SHS4 Calcium fortified OJ
S4REALJUICEFREQ	SHS4 Other Real Juice (frequency)
S4REALJUICEQUAN	SHS4 Other Real Juice (quantity)
S4HICFREQ	SHS4 Hi C (frequency)
S4HICQUAN	SHS4 Hi C (quantity)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4SOMEJUICEFREQ	SHS4 Drinks with Some Juice (frequency)
S4SOMEJUICEQUAN	SHS4 Drinks with Some Juice (quantity)
S4DIETSHAKESFREQ	SHS4 Slimfast (frequency)
S4DIETSHAKESQUAN	SHS4 Slimfast (quantity)
S4MILKFREQ	SHS4 Milk (default 2%) (frequency)
S4MILKQUAN	SHS4 Milk (default 2%) (quantity)
S4MILKTYPE	SHS4 Type of Milk
S4SOFTDRINKSFREQ	SHS4 Sodas (frequency)
S4SOFTDRINKSQUAN	SHS4 Sodas (quantity)
S4BEERFREQ	SHS4 Beer (frequency)
S4BEERQUAN	SHS4 Beer (quantity)
S4BEERTYPE	SHS4 Type of Beer
S4WINEFREQ	SHS4 Wine (frequency)
S4WINEQUAN	SHS4 Wine (quantity)
S4LIQUORFREQ	SHS4 Liquor (frequency)
S4LIQUORQUAN	SHS4 Liquor (quantity)
S4WATERFREQ	SHS4 Water (frequency)
S4WATERQUAN	SHS4 Water (quantity)
S4COFFEEFREQ	SHS4 Coffee (frequency)
S4COFFEEQUAN	SHS4 Coffee (quantity)
S4TEAFREQ	SHS4 Tea (frequency)
S4TEAQUAN	SHS4 Tea (quantity)
S4CREAMINCOFFEE	SHS4 Cream/Milk in Coffee
S4CREAMINTEA	SHS4 Cream/Milk in Tea
S4SUGARINCOFFEE	SHS4 Sugar in Coffee
S4COFFEESUGARTEASPOONS	SHS4 Teaspoons of Sugar in Coffee
S4SUGARINTEA	SHS4 Sugar in Tea
S4TEASUGARTEASPOONS	SHS4 Teaspoons of Sugar in Tea
S4PEACHESFREQ	SHS4 Raw Peaches (frequency)
S4PEACHESQUAN	SHS4 Raw Peaches (quantity)
S4CANTALOUPEFREQ	SHS4 Cantaloupe in Season (frequency)
S4CANTALOUPEQUAN	SHS4 Cantaloupe in Season (quantity)
S4STRAWBERRIESFREQ	SHS4 Strawberries in Season (frequency)
S4STRAWBERRIESQUAN	SHS4 Strawberries in Season (quantity)
S4WATERMELONFREQ	SHS4 Watermelon in Season (frequency)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4WATERMELONQUAN	SHS4 Watermelon in Season (quantity)
S4OTHERFRUITFREQ	SHS4 Other Fresh Fruit (frequency)
S4OTHERFRUITQUAN	SHS4 Other Fresh Fruit (quantity)
S4BANANAFREQ	SHS4 Bananas (frequency)
S4BANANAQUAN	SHS4 Bananas (quantity)
S4APPLESPEARSFREQ	SHS4 Apples (frequency)
S4APPLESPEARSQUAN	SHS4 Apples (quantity)
S4ORANGESFREQ	SHS4 Oranges (frequency)
S4ORANGESQUAN	SHS4 Oranges (quantity)
S4GRAPEFRUITFREQ	SHS4 Grapefruit (frequency)
S4GRAPEFRUITQUAN	SHS4 Grapefruit (quantity)
S4CANNEDFRUITFREQ	SHS4 Canned Fruit (frequency)
S4CANNEDFRUITQUAN	SHS4 Canned Fruit (quantity)
S4BREAKSANDFREQ	SHS4 Eggs or Breakfast Egg Sandwich (frequency)
S4BREAKSANDQUAN	SHS4 Eggs or Breakfast Egg Sandwich (quantity)
S4BACONFREQ	SHS4 Bacon (frequency)
S4BACONQUAN	SHS4 Bacon (quantity)
S4SAUSAGEFREQ	SHS4 Breakfast Sausage (frequency)
S4SAUSAGEQUAN	SHS4 Breakfast Sausage (quantity)
S4PANCAKESFREQ	SHS4 Pancakes (frequency)
S4PANCAKESQUAN	SHS4 Pancakes (quantity)
S4BREAKFASTBARSFREQ	SHS4 Breakfast bars (frequency)
S4BREAKFASTBARSQUAN	SHS4 Breakfast bars (quantity)
S4COOKEDCEREALFREQ	SHS4 Cooked Cereal (frequency)
S4COOKEDCEREALQUAN	SHS4 Cooked Cereal (quantity)
S4FIBERCEREALFREQ	SHS4 High Fiber Cereal (frequency)
S4FIBERCEREALQUAN	SHS4 High Fiber Cereal (quantity)
S4COLDCEALTYPE	SHS4 Type of high fiber cereal
S4TOTALCEREALFREQ	SHS4 Total cereal (frequency)
S4TOTALCEREALQUAN	SHS4 Total cereal (quantity)
S4COLDCEALFREQ	SHS4 Other Cold Cereal (frequency)
S4COLDCEALQUAN	SHS4 Other Cold Cereal (quantity)
S4MILKONCEREALFREQ	SHS4 Milk on Cereal (frequency)
S4MILKONCEREALQUAN	SHS4 Milk on Cereal (frequency)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4YOGURTFREQ	SHS4 Yogurt (frequency)
S4YOGURTQUAN	SHS4 Yogurt (quantity)
S4CHEESEFREQ	SHS4 Cheese (frequency)
S4CHEESEQUAN	SHS4 Cheese (quantity)
S4CHEESETYPE	SHS4 Type of Cheese
S4BROCCOLIFREQ	SHS4 Broccoli (frequency)
S4BROCCOLIQUAN	SHS4 Broccoli (quantity)
S4CARROTSFREQ	SHS4 Carrots (frequency)
S4CARROTSQUAN	SHS4 Carrots (quantity)
S4CORNFREQ	SHS4 Corn (frequency)
S4CORNQUAN	SHS4 Corn (quantity)
S4BEANSPEASFREQ	SHS4 Green Beans (frequency)
S4BEANSPEASQUAN	SHS4 Green Beans (quantity)
S4SPINACHCOOKEDFREQ	SHS4 Spinach (frequency)
S4SPINACHCOOKEDQUAN	SHS4 Spinach (quantity)
S4GREENSFREQ	SHS4 Greens (frequency)
S4GREENSQUAN	SHS4 Greens (quantity)
S4FRIESFREQ	SHS4 French Fries (frequency)
S4FRIESQUAN	SHS4 French Fries (quantity)
S4POTATOESFREQ	SHS4 Other Potatoes (frequency)
S4POTATOESQUAN	SHS4 Other Potatoes (quantity)
S4SWEETPOTATOESFREQ	SHS4 Sweet Potato (frequency)
S4SWEETPOTATOESQUAN	SHS4 Sweet Potato (quantity)
S4COLESLAWCABBAGEFREQ	SHS4 Cole Slaw (frequency)
S4COLESLAWCABBAGEQUAN	SHS4 Cole law (quantity)
S4GREENSALADFREQ	SHS4 Green Salad (frequency)
S4GREENSALADQUAN	SHS4 Green Salad (quantity)
S4TOMATOESFREQ	SHS4 Tomatoes (frequency)
S4TOMATOESQUAN	SHS4 Tomatoes (quantity)
S4SALADDRESSINGFREQ	SHS4 Salad Dressing (frequency)
S4SALADDRESSINGQUAN	SHS4 Salad Dressing (quantity)
S4SALADDRESSTYPE	SHS4 Type of Salad Dressing
S4OTHERVEGGIESFREQ	SHS4 Other Vegetables (frequency)
S4OTHERVEGGIESQUAN	SHS4 Other Vegetables (quantity)
S4REFRIEDBEANSFREQ	SHS4 Refried Beans (frequency)

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VARIABLE	LABEL
S4REFRIEDBEANSQUAN	SHS4 Refried Beans (quantity)
S4CHILIFREQ	SHS4 Chili with beans (frequency)
S4CHILIQUAN	SHS4 Chili with beans (quantity)
S4PINTOBEANSFREQ	SHS4 Other Beans (frequency)
S4PINTOBEANSQUAN	SHS4 Other Beans (quantity)
S4VEGGIESTEWFREQ	SHS4 Vegetable Stew (frequency)
S4VEGGIESTEWSQUAN	SHS4 Vegetable Stew (quantity)
S4VEGSOUPFREQ	SHS4 Vegetable Soup (frequency)
S4VEGSOUPQUAN	SHS4 Vegetable Soup (quantity)
S4PEASOUPFREQ	SHS4 Bean Soup (frequency)
S4PEASOUPQUAN	SHS4 Bean Soup (quantity)
S4OTHERSOUPFREQ	SHS4 Other Soup (frequency)
S4OTHERSOUPQUAN	SHS4 Other Soup (quantity)
S4SPAGHETTIFREQ	SHS4 Spaghetti with Meat Sauce (frequency)
S4SPAGHETTIQUAN	SHS4 Spaghetti with Meat Sauce (quantity)
S4MACARONIFREQ	SHS4 Mac N Cheese (frequency)
S4MACARONIQUAN	SHS4 Mac N Cheese (quantity)
S4PIZZAFREQ	SHS4 Pizza (frequency)
S4PIZZAQUAN	SHS4 Pizza (quantity)
S4EATMEAT	SHS4 Ever Eat Meat
S4BURGERFREQ	SHS4 Hamburger (Cheeseburger) (frequency)
S4BURGERQUAN	SHS4 Hamburger (Cheeseburger) (quantity)
S4TACOSFREQ	SHS4 Tacos (frequency)
S4TACOSQUAN	SHS4 Tacos (quantity)
S4STEAKFREQ	SHS4 Beef (frequency)
S4STEAKQUAN	SHS4 Beef (quantity)
S4DONENESS	SHS4 How is beef cooked
S4PORKFREQ	SHS4 Pork (frequency)
S4PORKQUAN	SHS4 Pork (quantity)
S4FATONMEATTYPE	SHS4 How Often Eat Fat on Meat
S4VEALFREQ	SHS4 Veal, Lamb (frequency)
S4VEALQUAN	SHS4 Veal, Lamb (quantity)
S4RIBSFREQ	SHS4 Ribs (frequency)
S4RIBSQUAN	SHS4 Ribs (quantity)
S4LIVERFREQ	SHS4 Liver (frequency)

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VARIABLE	LABEL
S4LIVERQUAN	SHS4 Liver (quantity)
S4FEETFREQ	SHS4 Pigs Feet, Variety Meats (frequency)
S4FEETQUAN	SHS4 Pigs Feet, Variety Meats (quantity)
S4MIXEDBEEFPORKFREQ	SHS4 Other Beef Dish (frequency)
S4MIXEDBEEFPORKQUAN	SHS4 Other Beef Dish (quantity)
S4MIXEDCHICKFREQ	SHS4 Other Chicken dishes (frequency)
S4MIXEDCHICKQUAN	SHS4 Other Chicken dishes (quantity)
S4FRIEDCHICKENFREQ	SHS4 Fried Chicken (frequency)
S4FRIEDCHICKENQUAN	SHS4 Fried Chicken (quantity)
S4NOTFRIEDCHICKENFREQ	SHS4 Roast Chicken (frequency)
S4NOTFRIEDCHICKENQUAN	SHS4 Roast Chicken (quantity)
S4CHICKENSKINTYPE	SHS4 How Often Eat Skin on Chicken
S4OYSTERSFREQ	SHS4 Oysters (frequency)
S4OYSTERSQUAN	SHS4 Oysters (quantity)
S4SHELLFISHFREQ	SHS4 Shellfish (frequency)
S4SHELLFISHQUAN	SHS4 Shellfish (quantity)
S4TUNAFREQ	SHS4 Tuna (frequency)
S4TUNAQUAN	SHS4 Tuna (quantity)
S4FRIEDFISHFREQ	SHS4 Fried Fish (frequency)
S4FRIEDFISHQUAN	SHS4 Fried Fish (quantity)
S4NOTFRIEDFISHFREQ	SHS4 Other Fish (frequency)
S4NOTFRIEDFISHQUAN	SHS4 Other Fish (quantity)
S4HOTDOGFREQ	SHS4 Hot Dogs (frequency)
S4HOTDOGQUAN	SHS4 Hot Dogs (quantity)
S4HOTDOGTYPE	SHS4 Type Hot Dogs
S4BOLOGNAFREQ	SHS4 Lunch Meats (frequency)
S4BOLOGNAQUAN	SHS4 Lunch Meats (quantity)
S4BOLOGNATYPE	SHS4 Type Lunch Meat
S4OTHERNOODLESFREQ	SHS4 Other Noodles (frequency)
S4OTHERNOODLESQUAN	SHS4 Other Noodles (quantity)
S4TOFUFREQ	SHS4 Tofu (frequency)
S4TOFUQUAN	SHS4 Tofu (quantity)
S4MEATSUBSTITUTEFREQ	SHS4 Meat Substitutes (frequency)
S4MEATSUBSTITUTEQUAN	SHS4 Meat Substitutes (quantity)
S4CHINESEFREQ	SHS4 Chinese food (frequency)

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VARIABLE	LABEL
S4CHINESEQUAN	SHS4 Chinese food (quantity)
S4SALTYSNACKSFREQ	SHS4 Chips (frequency)
S4SALTYSNACKSQUAN	SHS4 Chips (quantity)
S4SNACKTYPE	SHS4 Type of snacks
S4NUTSFREQ	SHS4 Nuts (frequency)
S4NUTSQUAN	SHS4 Nuts (quantity)
S4CRACKERFREQ	SHS4 Crackers (frequency)
S4CRACKERQUAN	SHS4 Crackers (quantity)
S4DONUTFREQ	SHS4 Donuts (frequency)
S4DONUTQUAN	SHS4 Donuts (quantity)
S4CAKEFREQ	SHS4 Cake (frequency)
S4CAKEQUAN	SHS4 Cake (quantity)
S4CAKETYPE	SHS4 Type of cakes
S4COOKIESFREQ	SHS4 Cookies (frequency)
S4COOKIESQUAN	SHS4 Cookies (quantity)
S4COOKIETYPE	SHS4 Type of cookies
S4ICECREAMFREQ	SHS4 Ice cream (frequency)
S4ICECREAMQUAN	SHS4 Ice cream (quantity)
S4ICECREAMTYPE	SHS4 Type of ice cream
S4PUMPKINPIEFREQ	SHS4 Pumpkin Pie (frequency)
S4PUMPKINPIEQUAN	SHS4 Pumpkin Pie (quantity)
S4OTHERPIEFREQ	SHS4 Other pie (frequency)
S4OTHERPIEQUAN	SHS4 Other pie (quantity)
S4CHOCOLATECANDYFREQ	SHS4 Chocolate candy (frequency)
S4CHOCOLATECANDYQUAN	SHS4 Chocolate candy (quantity)
S4CANDYFREQ	SHS4 Other candy (frequency)
S4CANDYQUAN	SHS4 Other candy (quantity)
S4BISCUITSFREQ	SHS4 Biscuits (frequency)
S4BISCUITSQUAN	SHS4 Biscuits (quantity)
S4BAGELFREQ	SHS4 Bagels, English Muffins (frequency)
S4BAGELQUAN	SHS4 Bagels, English Muffins (quantity)
S4DARKBREADFREQ	SHS4 Dark Bread (frequency)
S4DARKBREADQUAN	SHS4 Dark Bread (quantity)
S4OTHERBREADFREQ	SHS4 White Bread (frequency)
S4OTHERBREADQUAN	SHS4 White Bread (quantity)

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VARIABLE	LABEL
S4CORNBREADFREQ	SHS4 Corn Bread (frequency)
S4CORNBREADQUAN	SHS4 Corn Bread (quantity)
S4TORTILLASFREQ	SHS4 Flour Tortillas (frequency)
S4TORTILLASQUAN	SHS4 Flour Tortillas (quantity)
S4RICEFREQ	SHS4 Rice (frequency)
S4RICEQUAN	SHS4 Rice (quantity)
S4MARGARINEFREQ	SHS4 Margarine (frequency)
S4MARGARINEQUAN	SHS4 Margarine (quantity)
S4BUTTERFREQ	SHS4 Butter (frequency)
S4BUTTERQUAN	SHS4 Butter (quantity)
S4GRAVYFREQ	SHS4 Gravy (frequency)
S4GRAVYQUAN	SHS4 Gravy (quantity)
S4PEANUTBUTTERFREQ	SHS4 Peanut butter (frequency)
S4PEANUTBUTTERQUAN	SHS4 Peanut butter (quantity)
S4JELLYFREQ	SHS4 Jelly (frequency)
S4JELLYQUAN	SHS4 Jelly (quantity)
S4MAYOFREQ	SHS4 Mayonnaise (frequency)
S4MAYOQUAN	SHS4 Mayonnaise (quantity)
S4SALSAFREQ	SHS4 Catsup (frequency)
S4SALSAQUAN	SHS4 Catsup (quantity)
S4MUSTARDFREQ	SHS4 Mustard (frequency)
S4MUSTARDQUAN	SHS4 Mustard (quantity)
S4PICTURE	SHS4 Used pictures for serving sizes
S4HEALTHSTATUS	SHS4 Current Health Status
S4WEIGHTLOSSDIET	SHS4 How many times on a diet
S4DRANKMORE	SHS4 Ever drink more alcohol
S4TVWATCH	SHS4 Hours watching TV
S4SMOKE	SHS4 Smoke cigarettes
S4CURRENTSMOKE	SHS4 How many cigarettes
S4LANGUAGE	SHS4 Language spoken at home or with friends
S4HISPANICORLATINO	Hispanic or Latino
S4BLACKORAA	Black or African American
S4AIORAN	American Indian or Alaska Native
S4WHITE	White, not Hispanic
S4ASIAN	Asian

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4HAWAIIANORPI	Hawaiian / Pacific Islander
S4NAMSPAMFREQ	SHS4 Spam (frequency)
S4NAMSPAMQUAN	SHS4 Spam (quantity)
S4NAMMENUDOFREQ	SHS4 Menudo (frequency)
S4NAMMENUDOQUAN	SHS4 Menudo (quantity)
S4NAMPOSOLEFREQ	SHS4 Pazole (frequency)
S4NAMPOSOLEQUAN	SHS4 Pazole (quantity)
S4NAMGUYVSAFREQ	SHS4 Guyvsava (frequency)
S4NAMGUYVSAQUAN	SHS4 Guyvsava (quantity)
S4NAMRGCHILISTEWFREQ	SHS4 Red Chili Stew or Green Chili Stew (frequency)
S4NAMRGCHILISTEWQUAN	SHS4 Red Chili Stew or Green Chili Stew (quantity)
S4NAMINDIANTACOFREQ	SHS4 Indian Taco (frequency)
S4NAMINDIANTACOQUAN	SHS4 Indian Taco (quantity)
S4NAMFRYBREADFREQ	SHS4 Frybread (frequency)
S4NAMFRYBREADQUAN	SHS4 Frybread (quantity)
S4NAMCORNTORTILLASFREQ	SHS4 Corn tortillas (frequency)
S4NAMCORNTORTILLASQUAN	SHS4 Corn tortillas (quantity)
S4NAMFLOURTORTILLASFREQ	SHS4 Flour tortillas (frequency)
S4NAMFLOURTORTILLASQUAN	SHS4 Flour tortillas (quantity)
NUTRIENT DATA GENERATED BY BLOCK	
S4DT_KCAL	SHS4 Food Energy (kcal)
S4DT_PROT	SHS4 Protein (gm)
S4DT_CARB	SHS4 Carbohydrate (gm)
S4DT_CALC	SHS4 Calcium (mg)
S4DT_PHOS	SHS4 Phosphorus (mg)
S4DT_IRON	SHS4 Iron (mg)
S4DT_SODI	SHS4 Sodium (mg)
S4DT_POTA	SHS4 Potassium (mg)
S4DT_VA	SHS4 Vitamin A (IU)
S4DT_VARAE	SHS4 Vitamin A RAE (mcg)
S4DT_THIA	SHS4 Thiamin (Vitamin B1) (mg)
S4DT_RIBO	SHS4 Riboflavin (Vitamin B2) (mg)
S4DT_NIAC	SHS4 Niacin (mg)

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VARIABLE	LABEL
S4DT_VITC	SHS4 Vitamin C (mg)
S4DT_CHOL	SHS4 Cholesterol (mg)
S4DT_FIBE	SHS4 Dietary Fiber (gm)
S4DT_FOLFD	SHS4 Food Folate (mcg)
S4DT_ATOC	SHS4 Vitamin E as Alpha-Tocopherol (mg)
S4DT_ZINC	SHS4 Total Zinc (mg)
S4DT_AN_ZN	SHS4 Animal Source Zinc (mg)
S4DT_VITB6	SHS4 Vitamin B6 (mg)
S4DT_MAGN	SHS4 Magnesium (mg)
S4DT_ACARO	SHS4 Alpha-Carotene (mcg)
S4DT_BCARO	SHS4 Beta-Carotene (mcg)
S4DT_CRYPT	SHS4 Cryptoxanthin Beta (mcg)
S4DT_LUTZE	SHS4 Lutein-Zeaxanthin (mcg)
S4DT_LYCO	SHS4 Lycopene (mcg)
S4DT_RET	SHS4 Retinol (mcg)
S4DT_POTA	SHS4 Potassium (mg)
S4GENISTEN	SHS4 Genistein (mcg)
S4DAIDZEN	SHS4 Daidzein (mcg)
S4DT_VITD	SHS4 Vitamin D (IU)
S4GRP_SOLID_TOTAL_GRAMS	SHS4 Average Daily Solid Food (gm)
S4PCTFAT	SHS4 % of kcal from Fat
S4PCTPROT	SHS4 % of kcal from Protein
S4PCTCARB	SHS4 % of kcal from Carbohydrate
S4PCTSWEET	SHS4 % of kcal from Sweets or Desserts
S4PCTALCH	SHS4 % of kcal from Alcoholic Beverages
S4BA_PFAT	SHS4 % Fat kcals (alcoholic beverages not in denominator)
S4BA_PPROT	SHS4 % Protein kcals (alc. beverages not in denominator)
S4BA_PCARB	SHS4 % Carbohydrate kcals (alc. beverages not in denom.)
S4GRP_BEANFIBER_TOTAL_FIBE	SHS4 Dietary Fiber from Beans (gm)
S4GRP_VEGETABLESFRUITFIBER_TOTAL	SHS4 Dietary Fiber from Vegetables, Fruits (gm)
S4GRP_GRAINFIBER_TOTAL_FIB E	SHS4 Dietary Fiber from Grains (gm)

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VARIABLE	LABEL
S4SUP_VITA	SHS4 Vitamin A from Supplements (IU)
S4SUP_VITC	SHS4 Vitamin C from Supplements (mg)
S4SUP_VITD	SHS4 Vitamin D from Supplements (IU)
S4SUP_VITE	SHS4 Vitamin E from Supplements (a-TE)
S4SUP_IRON	SHS4 Iron from Supplements (mg)
S4SUP_CA	SHS4 Calcium from Supplements (mg)
S4SUP_ZINC	SHS4 Zinc from Supplements (mg)
S4SUP_BCAR	SHS4 Beta-Carotene from Supplements (mcg)
S4SUP_B1	SHS4 B-1 (Thiamin) from Supplements (mg)
S4SUP_B6	SHS4 B-6 from Supplements (mg)
S4SUP_B12	SHS4 B-12 from Supplements (mcg)
S4SUP_FOL	SHS4 Folic Acid from Supplements (mcg)
S4SUP_CU	SHS4 Copper from Supplements (mg)
S4SUP_SE	SHS4 Selenium from Supplements (mcg)
S4SUP_B2	SHS4 Riboflavin from Supplements (mg)
S4SUP_MG	SHS4 Magnesium from Supplements (mg)
S4SUP_NIAC	SHS4 Niacin from Supplements (mg)
S4VEGSRV	SHS4 Daily Servings: Vegetables
S4FRUITSRV	SHS4 Daily Servings: Fruits (Fruit Juices)
S4GRAINSRV	SHS4 Daily Servings: Grains (Breads, Cereals, Rice, Pasta)
S4MEATSRV	SHS4 Daily Servings: Meat (Fish, Poultry, Beans, Eggs)
S4DAIRYSRV	SHS4 Daily Servings: Dairy (Milk, Yogurt, Cheese)
S4FATSRV	SHS4 Daily Servings: Fats (Oils, Sweets, Sodas)
SUGAR AND FAT DATA GENERATED BY BLOCK	
S4DT_TFAT	SHS4 Total fat (gm)
S4DT_SFAT	SHS4 Saturated fat (gm)
S4DT_MFAT	SHS4 Monounsaturated fat (gm)
S4DT_PFAT	SHS4 Polyunsaturated fat (gm)
S4DT_FA182	SHS4 Dietary PUFA (~N-6) 18:2 (gm)
S4DT_FA183	SHS4 Dietary PUFA (~N-3) 18:3 (gm)
S4DT_FA184	SHS4 Dietary PUFA (~N-3) 18:4 (gm)
S4DT_FA204	SHS4 Dietary PUFA (~N-6) 20:4 (gm)
S4DT_FA205	SHS4 Dietary N-3 PUFA 20:5 (EPA) (gm)

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VARIABLE	LABEL
S4DT_FA225	SHS4 Dietary N-3 PUFA 22:5 (DPA) (gm)
S4DT_FA226	SHS4 Dietary N-3 PUFA 22:6 (DHA) (gm)
S4DT_TOTN6	SHS4 Avg. daily omega-6 FA (gm)
S4DT_TOTN3	SHS4 Avg. daily omega-3 FA (gm)
S4DT_TRFAT	SHS4 Avg. daily trans fat intake (gm)
S4DT_SUG_T	SHS4 Total sugars, natural and added (gm)
S4DT_FRUCT	SHS4 Fructose (gm)
S4DT_LACT	SHS4 Lactose (gm)
S4DT_MALT	SHS4 Maltose (gm)
S4DT_GALAC	SHS4 Galactose (gm)
S4DT_SUCR	SHS4 Sucrose (gm)
S4DT_GLUC	SHS4 Glucose (gm)
S4ADD_SUG	SHS4 Added sugars (teaspoon equivalents)
S4DFAT_OIL	SHS4 Discretionary fat, oil (gm)
GLYCEMIC INDEX/LOAD DATA GENERATED BY BLOCK	
S4LOAD001	SHS4 Apples, pears
S4LOAD002	SHS4 Bananas
S4LOAD004	SHS4 Fresh peaches, apricots
S4LOAD008	SHS4 Canned fruit
S4LOAD010	SHS4 Oranges
S4LOAD011	SHS4 Orange juice
S4LOAD012	SHS4 Grapefruit
S4LOAD014	SHS4 Hi-C, KoolAid
S4LOAD016	SHS4 Green beans
S4LOAD018	SHS4 Baked beans, pintos
S4LOAD019	SHS4 Corn
S4LOAD022	SHS4 Raw tomatoes
S4LOAD023	SHS4 Salsa, ketchup
S4LOAD024	SHS4 Broccoli
S4LOAD027	SHS4 Spinach
S4LOAD028	SHS4 Greens, collards
S4LOAD029	SHS4 Coleslaw, cabbage
S4LOAD030	SHS4 Carrots
S4LOAD031	SHS4 Green salad
S4LOAD032	SHS4 French fries

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VARIABLE	LABEL
S4LOAD033	SHS4 Sweet potatoes
S4LOAD034	SHS4 Potatoes not fried
S4LOAD035	SHS4 Rice
S4LOAD036	SHS4 Other vegetables
S4LOAD038	SHS4 Hamburgers
S4LOAD039	SHS4 Beef roast, steak
S4LOAD041	SHS4 Liver
S4LOAD042	SHS4 Pork
S4LOAD043	SHS4 Fried chicken
S4LOAD044	SHS4 Chicken not fried
S4LOAD045	SHS4 Fried fish
S4LOAD046	SHS4 Tuna
S4LOAD047	SHS4 Shellfish
S4LOAD048	SHS4 Fish not fried
S4LOAD049	SHS4 Spaghetti, tomato sauce
S4LOAD050	SHS4 Pizza
S4LOAD051	SHS4 Cheese dishes
S4LOAD053	SHS4 Hot dogs
S4LOAD054	SHS4 Ham, lunch meats
S4LOAD055	SHS4 Vegetable soup
S4LOAD056	SHS4 Other soups
S4LOAD057	SHS4 White bread
S4LOAD058	SHS4 Dark bread
S4LOAD059	SHS4 Cornbread
S4LOAD060	SHS4 Salty snacks, chips
S4LOAD061	SHS4 Peanut butter
S4LOAD063	SHS4 Margarine
S4LOAD064	SHS4 Salad dressing
S4LOAD065	SHS4 Gravy
S4LOAD066	SHS4 Fiber cereals
S4LOAD067	SHS4 Total, Product 19 cereal
S4LOAD068	SHS4 Cold cereals
S4LOAD069	SHS4 Cooked cereal
S4LOAD071	SHS4 Eggs
S4LOAD072	SHS4 Bacon

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VARIABLE	LABEL
S4LOAD073	SHS4 Sausage
S4LOAD074	SHS4 Ice cream
S4LOAD075	SHS4 Doughnuts, pastries
S4LOAD076	SHS4 Pumpkin pie
S4LOAD077	SHS4 Pies
S4LOAD078	SHS4 Chocolate candy
S4LOAD081	SHS4 Cheese
S4LOAD082	SHS4 Yogurt, frozen yogurt
S4LOAD083	SHS4 Whole milk
S4LOAD084	SHS4 2% milk
S4LOAD085	SHS4 Nonfat milk
S4LOAD086	SHS4 Soft drinks
S4LOAD088	SHS4 Beer
S4LOAD089	SHS4 Wine, wine coolers
S4LOAD090	SHS4 Liquor
S4LOAD092	SHS4 Coffee
S4LOAD093	SHS4 Tea
S4LOAD095	SHS4 Milk in coffee/tea
S4LOAD096	SHS4 Cream
S4LOAD097	SHS4 Sugar in coffee/tea
S4LOAD104	SHS4 Mixed dishes with beef
S4LOAD105	SHS4 Mixed dishes with chicken
S4LOAD112	SHS4 Crackers
S4LOAD115	SHS4 Low-fat cheese
S4LOAD117	SHS4 Low-fat ice cream
S4LOAD119	SHS4 Bagels, English muffins
S4LOAD120	SHS4 Biscuits, muffins
S4LOAD121	SHS4 Pancakes, waffles
S4LOAD122	SHS4 Breakfast or diet shakes
S4LOAD128	SHS4 Milk on cereal
S4LOAD132	SHS4 Diet salad dressing
S4LOAD133	SHS4 Cookies, regular
S4LOAD134	SHS4 Cookies, lowfat
S4LOAD149	SHS4 Lowfat lunch meats
S4LOAD152	SHS4 Tomato juice, V8

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VARIABLE	LABEL
S4LOAD154	SHS4 Soy milk
S4LOAD155	SHS4 Rice milk
S4LOAD156	SHS4 1% milk
S4LOAD157	SHS4 Orange juice with calcium
S4LOAD160	SHS4 Real fruit juice
S4LOAD170	SHS4 Peanuts, other nuts
S4LOAD177	SHS4 Lowfat cake
S4LOAD178	SHS4 cake, regular
S4LOAD198	SHS4 Mayonnaise
S4LOAD199	SHS4 Olive oil, canola
S4LOAD200	SHS4 Vegetable oil
S4LOAD201	SHS4 Margarine, butter
S4LOAD202	SHS4 Soft margarine
S4LOAD203	SHS4 Stick margarine
S4LOAD204	SHS4 Lard
S4LOAD205	SHS4 Crisco
S4LOAD206	SHS4 Diet margarine
S4LOAD207	SHS4 Whipped butter
S4LOAD285	SHS4 Pork, fat trimmed
S4LOAD286	SHS4 Pork, not trimmed
S4LOAD287	SHS4 Fried Chicken w/o skin
S4LOAD288	SHS4 Fried Chicken with skin
S4LOAD289	SHS4 NonFried Chicken w/o skin
S4LOAD290	SHS4 NonFried Chicken w/skin
S4LOAD291	SHS4 Fried Chick. no skin light
S4LOAD292	SHS4 Fried Chicken w/skin light
S4LOAD293	SHS4 NonFried Chick no skin light
S4LOAD294	SHS4 NonFr Chick w/skin light
S4LOAD295	SHS4 Beef, fat trimmed off
S4LOAD296	SHS4 Beef, fat not trimmed
S4LOAD297	SHS4 Beef, trimmed, extralean
S4LOAD298	SHS4 Hamburger, regular
S4LOAD299	SHS4 Hamburger, extra lean
S4GL_GLUC	SHS4 Daily Glycemic Load (glucose scale)
S4GL_BREAD	SHS4 Daily Glycemic Load (white bread scale)

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VARIABLE	LABEL
S4GI_GLUC	SHS4 Daily Glycemic Index (glucose scale)
S4GI_BREAD	SHS4 Daily Glycemic Index (white bread scale)
GRAM DATA GENERATED BY BLOCK	
S4GRAMS001	SHS4 Apples or pears (gm)
S4GRAMS002	SHS4 Bananas (gm)
S4GRAMS003	SHS4 Canned/stewed peaches, apricots (gm)
S4GRAMS004	SHS4 Peaches, apricots, fresh in season (gm)
S4GRAMS005	SHS4 Cantaloupe in season (gm)
S4GRAMS006	SHS4 Cantaloupe (year round) (gm)
S4GRAMS007	SHS4 Watermelon in season (gm)
S4GRAMS008	SHS4 Canned fruit, applesauce (gm)
S4GRAMS009	SHS4 Strawberries in season (gm)
S4GRAMS010	SHS4 Oranges, tangerines (gm)
S4GRAMS011	SHS4 Orange juice, grapefruit juice (gm)
S4GRAMS012	SHS4 Grapefruit (gm)
S4GRAMS013	SHS4 Drinks w. some juice, Sunny D (gm)
S4GRAMS014	SHS4 KoolAid, Hi-C, Vit.C-rich drinks (gm)
S4GRAMS015	SHS4 Other fruits in season (gm)
S4GRAMS016	SHS4 Green beans or peas (gm)
S4GRAMS017	SHS4 Other fresh fruit (year round) (gm)
S4GRAMS018	SHS4 Baked beans, blackeye, pintos (gm)
S4GRAMS019	SHS4 Corn, fresh, frozen or canned (gm)
S4GRAMS021	SHS4 Winter squash (gm)
S4GRAMS022	SHS4 Raw tomatoes (gm)
S4GRAMS023	SHS4 Salsa, ketchup, taco sauce (gm)
S4GRAMS024	SHS4 Broccoli (gm)
S4GRAMS025	SHS4 Cactus (gm)
S4GRAMS027	SHS4 Spinach (cooked) (gm)
S4GRAMS028	SHS4 Greens like collards (gm)
S4GRAMS029	SHS4 Coleslaw, cabbage (gm)
S4GRAMS030	SHS4 Carrots (gm)
S4GRAMS031	SHS4 Green salad (gm)
S4GRAMS032	SHS4 French fries, fried potatoes (gm)
S4GRAMS033	SHS4 Sweet potatoes (gm)
S4GRAMS034	SHS4 White potatoes baked, mashed (gm)

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VARIABLE	LABEL
S4GRAMS035	SHS4 Rice or dishes with rice (gm)
S4GRAMS036	SHS4 Other vegetables (gm)
S4GRAMS037	SHS4 Table fat (gm)
S4GRAMS038	SHS4 Hamburger, cheeseburger (gm)
S4GRAMS039	SHS4 Beef (roast, steak, sandwiches) (gm)
S4GRAMS040	SHS4 Vegetable stew (gm)
S4GRAMS041	SHS4 Liver, liverwurst (gm)
S4GRAMS042	SHS4 Pork chops, roasts, dinner ham (gm)
S4GRAMS043	SHS4 Fried chicken (gm)
S4GRAMS044	SHS4 Chicken not fried (gm)
S4GRAMS045	SHS4 Fried fish (gm)
S4GRAMS046	SHS4 Tuna casserole, tuna sandwich (gm)
S4GRAMS047	SHS4 Shellfish (shrimp, crab, etc.) (gm)
S4GRAMS048	SHS4 Fish not fried (gm)
S4GRAMS049	SHS4 Spaghetti w/Tom. sauce + meat (gm)
S4GRAMS050	SHS4 Pizza (gm)
S4GRAMS051	SHS4 Cheese dish like macaroni/chees (gm)
S4GRAMS052	SHS4 Spaghetti w/Tom. sauce, no meat (gm)
S4GRAMS053	SHS4 Hot dogs or dinner sausage (gm)
S4GRAMS054	SHS4 Ham, boloney, lunch meats (gm)
S4GRAMS055	SHS4 Vegetable soup (gm)
S4GRAMS056	SHS4 Other soups like chicken noodle (gm)
S4GRAMS057	SHS4 White bread, French, Ital.,etc (gm)
S4GRAMS058	SHS4 Dark bread, whole wheat, rye (gm)
S4GRAMS059	SHS4 Cornbread or hush puppies (gm)
S4GRAMS060	SHS4 Salty snacks (chips, popcorn) (gm)
S4GRAMS061	SHS4 Peanut butter (gm)
S4GRAMS062	SHS4 Butter (gm)
S4GRAMS063	SHS4 Margarine (gm)
S4GRAMS064	SHS4 Salad dressing (gm)
S4GRAMS065	SHS4 Gravy (gm)
S4GRAMS066	SHS4 High fiber cereals (gm)
S4GRAMS067	SHS4 Product 19, Total, Just Right (gm)
S4GRAMS068	SHS4 Cereal excl. fiber or fortified (gm)
S4GRAMS069	SHS4 Cooked cereal or grits (gm)

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VARIABLE	LABEL
S4GRAMS070	SHS4 Sugar (gm)
S4GRAMS071	SHS4 Eggs or egg biscuits (gm)
S4GRAMS072	SHS4 Bacon (gm)
S4GRAMS073	SHS4 Breakfast sausage (gm)
S4GRAMS074	SHS4 Ice cream (gm)
S4GRAMS075	SHS4 Doughnuts, pastry (gm)
S4GRAMS076	SHS4 Pumpkin pie, sweet potato pie (gm)
S4GRAMS077	SHS4 Pie or cobbler (gm)
S4GRAMS078	SHS4 Chocolate candy, candy bars (gm)
S4GRAMS079	SHS4 Candy (not chocolate) (gm)
S4GRAMS080	SHS4 Cottage cheese (gm)
S4GRAMS081	SHS4 Cheese and cheese spreads (gm)
S4GRAMS082	SHS4 Yogurt, frozen yogurt (gm)
S4GRAMS083	SHS4 Whole milk (gm)
S4GRAMS084	SHS4 Reduced fat 2 % Milk (gm)
S4GRAMS085	SHS4 Nonfat milk (gm)
S4GRAMS086	SHS4 Soft drinks or Snapple not diet (gm)
S4GRAMS087	SHS4 Diet soft drinks (gm)
S4GRAMS088	SHS4 Beer (regular) (gm)
S4GRAMS089	SHS4 Wine or wine coolers (gm)
S4GRAMS090	SHS4 Liquor or mixed drinks (gm)
S4GRAMS091	SHS4 Light beer (gm)
S4GRAMS092	SHS4 Coffee (gm)
S4GRAMS093	SHS4 Tea or iced tea (not herbal) (gm)
S4GRAMS094	SHS4 Nondairy creamer (gm)
S4GRAMS095	SHS4 Milk in coffee/tea (gm)
S4GRAMS096	SHS4 Cream or half & half (gm)
S4GRAMS097	SHS4 Sugar or honey in coffee/tea (gm)
S4GRAMS098	SHS4 Non-alcoholic beer (gm)
S4GRAMS099	SHS4 Water (gm)
S4GRAMS101	SHS4 Veal, lamb or deer meat (gm)
S4GRAMS102	SHS4 Chili with beans (gm)
S4GRAMS103	SHS4 Tofu, bean curd (gm)
S4GRAMS104	SHS4 Mixed dishes with beef or pork (gm)
S4GRAMS105	SHS4 Mixed dishes with chicken (gm)

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VARIABLE	LABEL
S4GRAMS106	SHS4 Chinese dishes (gm)
S4GRAMS108	SHS4 Alfalfa sprouts (gm)
S4GRAMS109	SHS4 Refried beans, bean burritos (gm)
S4GRAMS110	SHS4 Polish or Italian sausage (gm)
S4GRAMS111	SHS4 Low-fat salty snacks (gm)
S4GRAMS112	SHS4 Crackers (gm)
S4GRAMS113	SHS4 Salt only (175 mg Na per serv) (gm)
S4GRAMS114	SHS4 Oysters (gm)
S4GRAMS115	SHS4 Low-fat cheese & cheese spread (gm)
S4GRAMS116	SHS4 Reduced fat mayonnaise (gm)
S4GRAMS117	SHS4 Low-fat ice cream (gm)
S4GRAMS118	SHS4 Low-fat yogurt (gm)
S4GRAMS119	SHS4 Bagels, Eng.muffins, buns (gm)
S4GRAMS120	SHS4 Biscuits, muffins (gm)
S4GRAMS121	SHS4 Pancakes, waffles, Pop Tarts (gm)
S4GRAMS122	SHS4 Breakfast or diet shakes,Ensure (gm)
S4GRAMS123	SHS4 Pudding (gm)
S4GRAMS124	SHS4 Breakfast bars, Power bars (gm)
S4GRAMS125	SHS4 Spam (gm)
S4GRAMS126	SHS4 Menudo (gm)
S4GRAMS127	SHS4 Pazole (gm)
S4GRAMS128	SHS4 Milk on Cereal (gm)
S4GRAMS129	SHS4 Corn tortillas (gm)
S4GRAMS130	SHS4 Flour tortillas (gm)
S4GRAMS131	SHS4 Sour cream, dips, guacamole (gm)
S4GRAMS132	SHS4 Diet salad dressing (gm)
S4GRAMS133	SHS4 Cookies, regular (gm)
S4GRAMS134	SHS4 Cookies, low-fat (gm)
S4GRAMS135	SHS4 Guysava (gm)
S4GRAMS136	SHS4 Cooked green peppers, chile relenos (gm)
S4GRAMS137	SHS4 Stuffing (gm)
S4GRAMS138	SHS4 Peas (gm)
S4GRAMS139	SHS4 Lentil, pea or bean soup (gm)
S4GRAMS140	SHS4 Egg substitutes, egg whites (gm)
S4GRAMS141	SHS4 red/green chili stew (gm)

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VARIABLE	LABEL
S4GRAMS142	SHS4 Summer squash (gm)
S4GRAMS143	SHS4 Ribs, spareribs (gm)
S4GRAMS144	SHS4 Gizzard, neckbones, chitlins (gm)
S4GRAMS145	SHS4 Mustard, BBQ sauce, other sauce (gm)
S4GRAMS146	SHS4 Bean sprouts (cooked) (gm)
S4GRAMS147	SHS4 Avocado (gm)
S4GRAMS148	SHS4 Low-fat hot dogs (gm)
S4GRAMS149	SHS4 Low-fat lunch meats (gm)
S4GRAMS150	SHS4 Okra (gm)
S4GRAMS151	SHS4 Indian taco (gm)
S4GRAMS152	SHS4 Tomato juice, V-8 juice (gm)
S4GRAMS153	SHS4 Sweetened cereals like frosted flakes (gm)
S4GRAMS154	SHS4 Soy milk (gm)
S4GRAMS155	SHS4 Rice milk (gm)
S4GRAMS156	SHS4 Low-fat 1% milk (gm)
S4GRAMS157	SHS4 Orange juice with calcium (gm)
S4GRAMS158	SHS4 Nachos w. cheese, potato skins (gm)
S4GRAMS159	SHS4 Snapple, sweetnd bottled drinks (gm)
S4GRAMS160	SHS4 Real fruit juice excluding orange,grapfruit (gm)
S4GRAMS161	SHS4 Pineapple (gm)
S4GRAMS162	SHS4 Prunes, prune juice (gm)
S4GRAMS163	SHS4 Hi-C (gm)
S4GRAMS164	SHS4 Cranberry juice cocktail (gm)
S4GRAMS165	SHS4 Grapes (gm)
S4GRAMS166	SHS4 Mangoes (gm)
S4GRAMS167	SHS4 Papayas (gm)
S4GRAMS168	SHS4 Honeydew, cassaba (gm)
S4GRAMS169	SHS4 Raisins, other dried fruit (gm)
S4GRAMS170	SHS4 Peanuts, other nuts & seeds (gm)
S4GRAMS171	SHS4 Frybread (gm)
S4GRAMS177	SHS4 Cake, low-fat (gm)
S4GRAMS178	SHS4 Cake - regular (gm)
S4GRAMS179	SHS4 Jelly, jam, syrup (gm)
S4GRAMS180	SHS4 Pasta salad, other pasta dish (gm)

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VARIABLE	LABEL
S4GRAMS181	SHS4 Tortillas - Corn or flour (gm)
S4GRAMS183	SHS4 Sherbet or jello (gm)
S4GRAMS184	SHS4 Popcorn plain, unbuttered (gm)
S4GRAMS185	SHS4 Tacos or burritos (gm)
S4GRAMS186	SHS4 Meat substitutes (not just soy) (gm)
S4GRAMS187	SHS4 Chicken stew, pot pie (gm)
S4GRAMS193	SHS4 Cauliflower, brussel sprouts (gm)
S4GRAMS198	SHS4 Mayonnaise, sandwich spreads (gm)
S4GRAMS199	SHS4 Olive oil, canola oil (gm)
S4GRAMS200	SHS4 Vegetable oil (gm)
S4GRAMS201	SHS4 Half margarine, half butter (gm)
S4GRAMS202	SHS4 Soft margarine (gm)
S4GRAMS203	SHS4 Stick margarine (gm)
S4GRAMS204	SHS4 Lard (gm)
S4GRAMS205	SHS4 Crisco (gm)
S4GRAMS206	SHS4 Diet margarine (gm)
S4GRAMS207	SHS4 Whipped butter (gm)
S4GRAMS208	SHS4 All Bran or Bran Buds cereal (gm)
S4GRAMS209	SHS4 Alpha Bits, sugar fruit oat cereal (gm)
S4GRAMS210	SHS4 Apple Jacks, apple/cinnamon flavored (gm)
S4GRAMS211	SHS4 Bran Chex (gm)
S4GRAMS212	SHS4 Bran, wheat, crude (gm)
S4GRAMS213	SHS4 Bucweats (gm)
S4GRAMS214	SHS4 Cap'n Crunch, Crunch berries (gm)
S4GRAMS215	SHS4 Cheerios (gm)
S4GRAMS216	SHS4 Cocoa Krispies-Chocolate flavored rice (gm)
S4GRAMS217	SHS4 Cocoa Pebbles, Fruity Pebbles (gm)
S4GRAMS218	SHS4 Cocoa Puffs (gm)
S4GRAMS219	SHS4 Concentrate Hi Protein Multi-Vi (gm)
S4GRAMS220	SHS4 Cookie crisp chocolate chip cereal (gm)
S4GRAMS221	SHS4 Corn Chex (gm)
S4GRAMS222	SHS4 Cornflakes (gm)
S4GRAMS223	SHS4 Cracklin Bran, Oat Bran (gm)
S4GRAMS224	SHS4 Nutrific (gm)

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VARIABLE	LABEL
S4GRAMS225	SHS4 Froot Loops, fruit flavored puffed (gm)
S4GRAMS226	SHS4 Frosted Mini-Wheats (gm)
S4GRAMS227	SHS4 Fruit Squares, fruit wheats (gm)
S4GRAMS228	SHS4 Fruit-n-Fiber cereal, or Fiber1 (gm)
S4GRAMS229	SHS4 Fruitful bran (gm)
S4GRAMS230	SHS4 Golden Grahams, Frosty O's (gm)
S4GRAMS231	SHS4 Graham Crackers (gm)
S4GRAMS232	SHS4 Granola-Nature Valley, Heartland (gm)
S4GRAMS233	SHS4 Grape nut flakes (gm)
S4GRAMS234	SHS4 Grape nuts (gm)
S4GRAMS235	SHS4 Honey Nut Cheerios (gm)
S4GRAMS236	SHS4 Honeycomb Sweetened Corn Cereal (gm)
S4GRAMS237	SHS4 Just Right (gm)
S4GRAMS238	SHS4 King Vitamin (gm)
S4GRAMS239	SHS4 Life, Quaker (gm)
S4GRAMS240	SHS4 Muesli (gm)
S4GRAMS241	SHS4 Nutrigrain (gm)
S4GRAMS242	SHS4 Oat product breakfast oat with soy (gm)
S4GRAMS243	SHS4 Pop tarts (gm)
S4GRAMS244	SHS4 Post Toasties Corn Flakes (gm)
S4GRAMS245	SHS4 Product 19-4 Grain Multi-Vitamin (gm)
S4GRAMS246	SHS4 Puffa-Puffa rice sugar-coated (gm)
S4GRAMS247	SHS4 Puffed rice (gm)
S4GRAMS248	SHS4 Puffed wheat, unsweetened (gm)
S4GRAMS249	SHS4 Quaker Oats corn bran cereal (gm)
S4GRAMS250	SHS4 Quisp (Quaker Oats Co) (gm)
S4GRAMS251	SHS4 Raisin Bran cereal (gm)
S4GRAMS252	SHS4 Raisins, rice, & rye (gm)
S4GRAMS253	SHS4 Rice Chex (gm)
S4GRAMS254	SHS4 Rice Krispies, Crispix (gm)
S4GRAMS255	SHS4 Shredded Wheat, sw & barn (gm)
S4GRAMS256	SHS4 Special K-Fort high protein (gm)
S4GRAMS257	SHS4 Sugar Frosted Flakes (gm)
S4GRAMS258	SHS4 Sugar Pops, Corn Pops (gm)
S4GRAMS259	SHS4 Sugar Smacks, sugar coated puffed (gm)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4GRAMS260	SHS4 Super sugar crisp (gm)
S4GRAMS261	SHS4 Team flakes (gm)
S4GRAMS262	SHS4 Total - Corn or Wheat (gm)
S4GRAMS263	SHS4 Wheat Chex (gm)
S4GRAMS264	SHS4 Wheat Germ (crude, commerical) (gm)
S4GRAMS265	SHS4 Wheaties, Kix, Trix (gm)
S4GRAMS266	SHS4 100% Nat w/ Raisins & DA, Cranbars (gm)
S4GRAMS267	SHS4 40% Bran flakes (gm)
S4GRAMS278	SHS4 Restaurant fried chicken (gm)
S4GRAMS279	SHS4 Restaurant burgers (gm)
S4GRAMS280	SHS4 Restaurant pizza (gm)
S4GRAMS281	SHS4 Restaurant Chinese dishes (gm)
S4GRAMS282	SHS4 Restaurant Mexican dishes (gm)
S4GRAMS283	SHS4 Restaurant fried fish (gm)
S4GRAMS284	SHS4 Tuna in water (gm)
S4GRAMS285	SHS4 Pork (fat trimmed off) (gm)
S4GRAMS286	SHS4 Pork (fat not trimmed off) (gm)
S4GRAMS287	SHS4 Fried chicken (w/o skin) (gm)
S4GRAMS288	SHS4 Fried chicken (with skin) (gm)
S4GRAMS289	SHS4 Other chicken or turkey (w/o skin) (gm)
S4GRAMS290	SHS4 Other chicken (with skin) (gm)
S4GRAMS291	SHS4 Fried chicken (w/o skin) light meat (gm)
S4GRAMS292	SHS4 Fried chicken (with skin) light meat (gm)
S4GRAMS293	SHS4 Other chicken or turkey (w/o skin) light meat (gm)
S4GRAMS294	SHS4 Other chicken (with skin) light meat (gm)
S4GRAMS295	SHS4 Beef (fat trimmed off) (gm)
S4GRAMS296	SHS4 Beef (fat not trimmed off) (gm)
S4GRAMS297	SHS4 Beef trimmed & extra lean (gm)
S4GRAMS298	SHS4 Hamburger, regular (gm)
S4GRAMS299	SHS4 Hamburger, extra lean (gm)
CALORIE DATA GENERATED BY BLOCK	
S4KCAL001	SHS4 Apples or pears (cal)
S4KCAL002	SHS4 Bananas (cal)
S4KCAL003	SHS4 Canned/stewed peaches, apricots (cal)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4KCAL004	SHS4 Peaches, apricots, fresh in season (cal)
S4KCAL005	SHS4 Cantaloupe in season (cal)
S4KCAL006	SHS4 Cantaloupe (year round) (cal)
S4KCAL007	SHS4 Watermelon in season (cal)
S4KCAL008	SHS4 Canned fruit, applesauce (cal)
S4KCAL009	SHS4 Strawberries in season (cal)
S4KCAL010	SHS4 Oranges, tangerines (cal)
S4KCAL011	SHS4 Orange juice, grapefruit juice (cal)
S4KCAL012	SHS4 Grapefruit (cal)
S4KCAL013	SHS4 Drinks w. some juice, Sunny D (cal)
S4KCAL014	SHS4 KoolAid, Hi-C, Vit.C-rich drinks (cal)
S4KCAL015	SHS4 Other fruits in season (cal)
S4KCAL016	SHS4 Green beans or peas (cal)
S4KCAL017	SHS4 Other fresh fruit (year round) (cal)
S4KCAL018	SHS4 Baked beans, blackeye, pintos (cal)
S4KCAL019	SHS4 Corn, fresh, frozen or canned (cal)
S4KCAL021	SHS4 Winter squash (cal)
S4KCAL022	SHS4 Raw tomatoes (cal)
S4KCAL023	SHS4 Salsa, ketchup, taco sauce (cal)
S4KCAL024	SHS4 Broccoli (cal)
S4KCAL025	SHS4 Cactus (cal)
S4KCAL027	SHS4 Spinach (cooked) (cal)
S4KCAL028	SHS4 Greens like collards (cal)
S4KCAL029	SHS4 Coleslaw, cabbage (cal)
S4KCAL030	SHS4 Carrots (cal)
S4KCAL031	SHS4 Green salad (cal)
S4KCAL032	SHS4 French fries, fried potatoes (cal)
S4KCAL033	SHS4 Sweet potatoes (cal)
S4KCAL034	SHS4 White potatoes baked, mashed (cal)
S4KCAL035	SHS4 Rice or dishes with rice (cal)
S4KCAL036	SHS4 Other vegetables (cal)
S4KCAL037	SHS4 Table fat (cal)
S4KCAL038	SHS4 Hamburger, cheeseburger (cal)
S4KCAL039	SHS4 Beef (roast, steak, sandwiches) (cal)
S4KCAL040	SHS4 Vegetable stew (cal)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4KCAL041	SHS4 Liver, liverwurst (cal)
S4KCAL042	SHS4 Pork chops, roasts, dinner ham (cal)
S4KCAL043	SHS4 Fried chicken (cal)
S4KCAL044	SHS4 Chicken not fried (cal)
S4KCAL045	SHS4 Fried fish (cal)
S4KCAL046	SHS4 Tuna casserole, tuna sandwich (cal)
S4KCAL047	SHS4 Shellfish (shrimp, crab, etc.) (cal)
S4KCAL048	SHS4 Fish not fried (cal)
S4KCAL049	SHS4 Spaghetti w/Tom. sauce + meat (cal)
S4KCAL050	SHS4 Pizza (cal)
S4KCAL051	SHS4 Cheese dish like macaroni/chees (cal)
S4KCAL052	SHS4 Spaghetti w/Tom. sauce, no meat (cal)
S4KCAL053	SHS4 Hot dogs or dinner sausage (cal)
S4KCAL054	SHS4 Ham, boloney, lunch meats (cal)
S4KCAL055	SHS4 Vegetable soup (cal)
S4KCAL056	SHS4 Other soups like chicken noodle (cal)
S4KCAL057	SHS4 White bread, French, Ital.,etc (cal)
S4KCAL058	SHS4 Dark bread, whole wheat, rye (cal)
S4KCAL059	SHS4 Cornbread or hush puppies (cal)
S4KCAL060	SHS4 Salty snacks (chips, popcorn) (cal)
S4KCAL061	SHS4 Peanut butter (cal)
S4KCAL062	SHS4 Butter (cal)
S4KCAL063	SHS4 Margarine (cal)
S4KCAL064	SHS4 Salad dressing (cal)
S4KCAL065	SHS4 Gravy (cal)
S4KCAL066	SHS4 High fiber cereals (cal)
S4KCAL067	SHS4 Product 19, Total, Just Right (cal)
S4KCAL068	SHS4 Cereal excl. fiber or fortified (cal)
S4KCAL069	SHS4 Cooked cereal or grits (cal)
S4KCAL070	SHS4 Sugar (cal)
S4KCAL071	SHS4 Eggs or egg biscuits (cal)
S4KCAL072	SHS4 Bacon (cal)
S4KCAL073	SHS4 Breakfast sausage (cal)
S4KCAL074	SHS4 Ice cream (cal)
S4KCAL075	SHS4 Doughnuts, pastry (cal)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4KCAL076	SHS4 Pumpkin pie, sweet potato pie (cal)
S4KCAL077	SHS4 Pie or cobbler (cal)
S4KCAL078	SHS4 Chocolate candy, candy bars (cal)
S4KCAL079	SHS4 Candy (not chocolate) (cal)
S4KCAL080	SHS4 Cottage cheese (cal)
S4KCAL081	SHS4 Cheese and cheese spreads (cal)
S4KCAL082	SHS4 Yogurt, frozen yogurt (cal)
S4KCAL083	SHS4 Whole milk (cal)
S4KCAL084	SHS4 Reduced fat 2 % Milk (cal)
S4KCAL085	SHS4 Nonfat milk (cal)
S4KCAL086	SHS4 Soft drinks or Snapple not diet (cal)
S4KCAL087	SHS4 Diet soft drinks (cal)
S4KCAL088	SHS4 Beer (regular) (cal)
S4KCAL089	SHS4 Wine or wine coolers (cal)
S4KCAL090	SHS4 Liquor or mixed drinks (cal)
S4KCAL091	SHS4 Light beer (cal)
S4KCAL092	SHS4 Coffee (cal)
S4KCAL093	SHS4 Tea or iced tea (not herbal) (cal)
S4KCAL094	SHS4 Nondairy creamer (cal)
S4KCAL095	SHS4 Milk in coffee/tea (cal)
S4KCAL096	SHS4 Cream or half & half (cal)
S4KCAL097	SHS4 Sugar or honey in coffee/tea (cal)
S4KCAL098	SHS4 Non-alcoholic beer (cal)
S4KCAL099	SHS4 Water (cal)
S4KCAL101	SHS4 Veal, lamb or deer meat (cal)
S4KCAL102	SHS4 Chili with beans (cal)
S4KCAL103	SHS4 Tofu, bean curd (cal)
S4KCAL104	SHS4 Mixed dishes with beef or pork (cal)
S4KCAL105	SHS4 Mixed dishes with chicken (cal)
S4KCAL106	SHS4 Chinese dishes (cal)
S4KCAL108	SHS4 Alfalfa sprouts (cal)
S4KCAL109	SHS4 Refried beans, bean burritos (cal)
S4KCAL110	SHS4 Polish or Italian sausage (cal)
S4KCAL111	SHS4 Low-fat salty snacks (cal)
S4KCAL112	SHS4 Crackers (cal)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4KCAL113	SHS4 Salt only (175 mg Na per serv) (cal)
S4KCAL114	SHS4 Oysters (cal)
S4KCAL115	SHS4 Low-fat cheese & cheese spread (cal)
S4KCAL116	SHS4 Reduced fat mayonnaise (cal)
S4KCAL117	SHS4 Low-fat ice cream (cal)
S4KCAL118	SHS4 Low-fat yogurt (cal)
S4KCAL119	SHS4 Bagels, Eng.muffins, buns (cal)
S4KCAL120	SHS4 Biscuits, muffins (cal)
S4KCAL121	SHS4 Pancakes, waffles, Pop Tarts (cal)
S4KCAL122	SHS4 Breakfast or diet shakes,Ensure (cal)
S4KCAL123	SHS4 Pudding (cal)
S4KCAL124	SHS4 Breakfast bars, Power bars (cal)
S4KCAL125	SHS4 Spam (cal)
S4KCAL126	SHS4 Menudo (cal)
S4KCAL127	SHS4 Pazole (cal)
S4KCAL128	SHS4 Milk on Cereal (cal)
S4KCAL129	SHS4 Corn tortillas (cal)
S4KCAL130	SHS4 Flour tortillas (cal)
S4KCAL131	SHS4 Sour cream, dips, guacamole (cal)
S4KCAL132	SHS4 Diet salad dressing (cal)
S4KCAL133	SHS4 Cookies, regular (cal)
S4KCAL134	SHS4 Cookies, low-fat (cal)
S4KCAL135	SHS4 Guysava (cal)
S4KCAL136	SHS4 Cooked green peppers, chile relenos (cal)
S4KCAL137	SHS4 Stuffing (cal)
S4KCAL138	SHS4 Peas (cal)
S4KCAL139	SHS4 Lentil, pea or bean soup (cal)
S4KCAL140	SHS4 Egg substitutes, egg whites (cal)
S4KCAL141	SHS4 red/green chili stew (cal)
S4KCAL142	SHS4 Summer squash (cal)
S4KCAL143	SHS4 Ribs, spareribs (cal)
S4KCAL144	SHS4 Gizzard, neckbones, chitlins (cal)
S4KCAL145	SHS4 Mustard, BBQ sauce, other sauce (cal)
S4KCAL146	SHS4 Bean sprouts (cooked) (cal)
S4KCAL147	SHS4 Avocado (cal)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4KCAL148	SHS4 Low-fat hot dogs (cal)
S4KCAL149	SHS4 Low-fat lunch meats (cal)
S4KCAL150	SHS4 Okra (cal)
S4KCAL151	SHS4 Indian taco (cal)
S4KCAL152	SHS4 Tomato juice, V-8 juice (cal)
S4KCAL153	SHS4 Sweetened cereals like frosted flakes (cal)
S4KCAL154	SHS4 Soy milk (cal)
S4KCAL155	SHS4 Rice milk (cal)
S4KCAL156	SHS4 Low-fat 1% milk (cal)
S4KCAL157	SHS4 Orange juice with calcium (cal)
S4KCAL158	SHS4 Nachos w. cheese, potato skins (cal)
S4KCAL159	SHS4 Snapple, sweetnd bottled drinks (cal)
S4KCAL160	SHS4 Real fruit juice excluding orange,grapfruit (cal)
S4KCAL161	SHS4 Pineapple (cal)
S4KCAL162	SHS4 Prunes, prune juice (cal)
S4KCAL163	SHS4 Hi-C (cal)
S4KCAL164	SHS4 Cranberry juice cocktail (cal)
S4KCAL165	SHS4 Grapes (cal)
S4KCAL166	SHS4 Mangoes (cal)
S4KCAL167	SHS4 Papayas (cal)
S4KCAL168	SHS4 Honeydew, cassaba (cal)
S4KCAL169	SHS4 Raisins, other dried fruit (cal)
S4KCAL170	SHS4 Peanuts, other nuts & seeds (cal)
S4KCAL171	SHS4 Frybread (cal)
S4KCAL177	SHS4 Cake, low-fat (cal)
S4KCAL178	SHS4 Cake - regular (cal)
S4KCAL179	SHS4 Jelly, jam, syrup (cal)
S4KCAL180	SHS4 Pasta salad, other pasta dish (cal)
S4KCAL181	SHS4 Tortillas - Corn or flour (cal)
S4KCAL183	SHS4 Sherbet or jello (cal)
S4KCAL184	SHS4 Popcorn plain, unbuttered (cal)
S4KCAL185	SHS4 Tacos or burritos (cal)
S4KCAL186	SHS4 Meat substitutes (not just soy) (cal)
S4KCAL187	SHS4 Chicken stew, pot pie (cal)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4KCAL193	SHS4 Cauliflower, brussel sprouts (cal)
S4KCAL198	SHS4 Mayonnaise, sandwich spreads (cal)
S4KCAL199	SHS4 Olive oil, canola oil (cal)
S4KCAL200	SHS4 Vegetable oil (cal)
S4KCAL201	SHS4 Half margarine, half butter (cal)
S4KCAL202	SHS4 Soft margarine (cal)
S4KCAL203	SHS4 Stick margarine (cal)
S4KCAL204	SHS4 Lard (cal)
S4KCAL205	SHS4 Crisco (cal)
S4KCAL206	SHS4 Diet margarine (cal)
S4KCAL207	SHS4 Whipped butter (cal)
S4KCAL208	SHS4 All Bran or Bran Buds cereal (cal)
S4KCAL209	SHS4 Alpha Bits, sugar fruit oat cereal (cal)
S4KCAL210	SHS4 Apple Jacks, apple/cinnamon flavored (cal)
S4KCAL211	SHS4 Bran Chex (cal)
S4KCAL212	SHS4 Bran, wheat, crude (cal)
S4KCAL213	SHS4 Bucweats (cal)
S4KCAL214	SHS4 Cap'n Crunch, Crunch berries (cal)
S4KCAL215	SHS4 Cheerios (cal)
S4KCAL216	SHS4 Cocoa Krispies-Chocolate flavored rice (cal)
S4KCAL217	SHS4 Cocoa Pebbles, Fruity Pebbles (cal)
S4KCAL218	SHS4 Cocoa Puffs (cal)
S4KCAL219	SHS4 Concentrate Hi Protein Multi-Vi (cal)
S4KCAL220	SHS4 Cookie crisp chocolate chip cereal (cal)
S4KCAL221	SHS4 Corn Chex (cal)
S4KCAL222	SHS4 Cornflakes (cal)
S4KCAL223	SHS4 Cracklin Bran, Oat Bran (cal)
S4KCAL224	SHS4 Nutrific (cal)
S4KCAL225	SHS4 Froot Loops, fruit flavored puffed (cal)
S4KCAL226	SHS4 Frosted Mini-Wheats (cal)
S4KCAL227	SHS4 Fruit Squares, fruit wheats (cal)
S4KCAL228	SHS4 Fruit-n-Fiber cereal, or Fiber1 (cal)
S4KCAL229	SHS4 Fruitful bran (cal)
S4KCAL230	SHS4 Golden Grahams, Frosty O's (cal)
S4KCAL231	SHS4 Graham Crackers (cal)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4KCAL232	SHS4 Granola-Nature Valley, Heartland (cal)
S4KCAL233	SHS4 Grape nut flakes (cal)
S4KCAL234	SHS4 Grape nuts (cal)
S4KCAL235	SHS4 Honey Nut Cheerios (cal)
S4KCAL236	SHS4 Honeycomb Sweetened Corn Cereal (cal)
S4KCAL237	SHS4 Just Right (cal)
S4KCAL238	SHS4 King Vitamin (cal)
S4KCAL239	SHS4 Life, Quaker (cal)
S4KCAL240	SHS4 Muesli (cal)
S4KCAL241	SHS4 Nutrigrain (cal)
S4KCAL242	SHS4 Oat product breakfast oat with soy (cal)
S4KCAL243	SHS4 Pop tarts (cal)
S4KCAL244	SHS4 Post Toasties Corn Flakes (cal)
S4KCAL245	SHS4 Product 19-4 Grain Multi-Vitamin (cal)
S4KCAL246	SHS4 Puffa-Puffa rice sugar-coated (cal)
S4KCAL247	SHS4 Puffed rice (cal)
S4KCAL248	SHS4 Puffed wheat, unsweetened (cal)
S4KCAL249	SHS4 Quaker Oats corn bran cereal (cal)
S4KCAL250	SHS4 Quisp (Quaker Oats Co) (cal)
S4KCAL251	SHS4 Raisin Bran cereal (cal)
S4KCAL252	SHS4 Raisins, rice, & rye (cal)
S4KCAL253	SHS4 Rice Chex (cal)
S4KCAL254	SHS4 Rice Krispies, Crispix (cal)
S4KCAL255	SHS4 Shredded Wheat, sw & barn (cal)
S4KCAL256	SHS4 Special K-Fort high protein (cal)
S4KCAL257	SHS4 Sugar Frosted Flakes (cal)
S4KCAL258	SHS4 Sugar Pops, Corn Pops (cal)
S4KCAL259	SHS4 Sugar Smacks, sugar coated puffed (cal)
S4KCAL260	SHS4 Super sugar crisp (cal)
S4KCAL261	SHS4 Team flakes (cal)
S4KCAL262	SHS4 Total - Corn or Wheat (cal)
S4KCAL263	SHS4 Wheat Chex (cal)
S4KCAL264	SHS4 Wheat Germ (crude, commercial) (cal)
S4KCAL265	SHS4 Wheaties, Kix, Trix (cal)
S4KCAL266	SHS4 100% Nat w/ Raisins & DA, Cranbars (cal)

Block 98 Food Frequency Questionnaire and Nutrient Data

VARIABLE	LABEL
S4KCALS267	SHS4 40% Brank flakes (cal)
S4KCALS278	SHS4 Restaurant fried chicken (cal)
S4KCALS279	SHS4 Restaurant burgers (cal)
S4KCALS280	SHS4 Restaurant pizza (cal)
S4KCALS281	SHS4 Restaurant Chinese dishes (cal)
S4KCALS282	SHS4 Restaurant Mexican dishes (cal)
S4KCALS283	SHS4 Restaurant fried fish (cal)
S4KCALS284	SHS4 Tuna in water (cal)
S4KCALS285	SHS4 Pork (fat trimmed off) (cal)
S4KCALS286	SHS4 Pork (fat not trimmed off) (cal)
S4KCALS287	SHS4 Fried chicken (w/o skin) (cal)
S4KCALS288	SHS4 Fried chicken (with skin) (cal)
S4KCALS289	SHS4 Other chicken or turkey (w/o skin) (cal)
S4KCALS290	SHS4 Other chicken (with skin) (cal)
S4KCALS291	SHS4 Fried chicken (w/o skin) light meat (cal)
S4KCALS292	SHS4 Fried chicken (with skin) light meat (cal)
S4KCALS293	SHS4 Other chicken or turkey (w/o skin) light meat(cal)
S4KCALS294	SHS4 Other chicken (with skin) light meat (cal)
S4KCALS295	SHS4 Beef (fat trimmed off) (cal)
S4KCALS296	SHS4 Beef (fat not trimmed off) (cal)
S4KCALS297	SHS4 Beef trimmed & extra lean (cal)
S4KCALS298	SHS4 Hamburger, regular (cal)
S4KCALS299	SHS4 Hamburger, extra lean (cal)

Activity Meter Seven-Day Record and Derived Activity

VARIABLE	LABEL
IDNO	ID NUMBER
ACT4_1A	DAY1: DATE
ACT4_1B	DAY1: DAY OF WEEK
ACT4_1C	DAY1: TIME ATTACHED
ACT4_1D	DAY1: PEDOMETER STEPS AT BEDTIME
ACT4_1E	DAY1: TIME REMOVED
ACT4_1F	DAY1: TAKE OFF THE PEDOMETER FOR ANY REASON
ACT4_1G	DAY1: IF YES, HOW LONG (HOURS)
ACT4_1H	DAY1: IF YES, HOW LONG (MINUTES)
ACT4_2A	DAY2: DATE
ACT4_2B	DAY2: DAY OF WEEK
ACT4_2C	DAY2: TIME ATTACHED
ACT4_2D	DAY2: PEDOMETER STEPS AT BEDTIME
ACT4_2E	DAY2: TIME REMOVED
ACT4_2F	DAY2: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
ACT4_2G	DAY2: IF YES, HOW LONG (HOURS)
ACT4_2H	DAY2: IF YES, HOW LONG (MINUTES)
ACT4_3A	DAY3: DATE
ACT4_3B	DAY3: DAY OF WEEK
ACT4_3C	DAY3: TIME ATTACHED
ACT4_3D	DAY3: PEDOMETER STEPS AT BEDTIME
ACT4_3E	DAY3: TIME REMOVED
ACT4_3F	DAY3: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
ACT4_3G	DAY3: IF YES, HOW LONG (HOURS)
ACT4_3H	DAY3: IF YES, HOW LONG (MINUTES)
ACT4_4A	DAY4: DATE
ACT4_4B	DAY4: DAY OF WEEK
ACT4_4C	DAY4: TIME ATTACHED
ACT4_4D	DAY4: PEDOMETER STEPS AT BEDTIME
ACT4_4E	DAY4: TIME REMOVED
ACT4_4F	DAY4: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES

Activity Meter Seven-Day Record and Derived Activity

VARIABLE	LABEL
ACT4_4G	DAY4: IF YES, HOW LONG (HOURS)
ACT4_4H	DAY4: IF YES, HOW LONG (MINUTES)
ACT4_5A	DAY5: DATE
ACT4_5B	DAY5: DAY OF WEEK
ACT4_5C	DAY5: TIME ATTACHED
ACT4_5D	DAY5: PEDOMETER STEPS AT BEDTIME
ACT4_5E	DAY5: TIME REMOVED
ACT4_5F	DAY5: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
ACT4_5G	DAY5: IF YES, HOW LONG (HOURS)
ACT4_5H	DAY5: IF YES, HOW LONG (MINUTES)
ACT4_6A	DAY6: DATE
ACT4_6B	DAY6: DAY OF WEEK
ACT4_6C	DAY6: TIME ATTACHED
ACT4_6D	DAY6: PEDOMETER STEPS AT BEDTIME
ACT4_6E	DAY6: TIME REMOVED
ACT4_6F	DAY6: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
ACT4_6G	DAY6: IF YES, HOW LONG (HOURS)
ACT4_6H	DAY6: IF YES, HOW LONG (MINUTES)
ACT4_7A	DAY7: DATE
ACT4_7B	DAY7: DAY OF WEEK
ACT4_7C	DAY7: TIME ATTACHED
ACT4_7D	DAY7: PEDOMETER STEPS AT BEDTIME
ACT4_7E	DAY7: TIME REMOVED
ACT4_7F	DAY7: TAKE OFF THE PEDOMETER FOR ANY REASON
ACT4_7G	DAY7: IF YES, HOW LONG (HOURS)
ACT4_7H	DAY7: IF YES, HOW LONG (MINUTES)
ACT4_8	PHYSICAL ACTIVITY IS TYPICAL
NNM	NUMBER OF NON-MISSING PEDOMETER OBSERVATIONS
PDM1	AVERAGE OF NON-MISSING PEDOMETER OBSERVATIONS (IF NNM = 7)
PDM2	AVERAGE OF NON-MISSING PEDOMETER OBSERVATIONS (EXCLUDING MIN/MAX IF NNM >= 5; EXCLUDING MIN IF NNM = 4; AVERAGE IF NNM = 3)

Activity Meter Seven-Day Record and Derived Activity

VARIABLE	LABEL
PDM3	AVERAGE OF NON-MISSING PEDOMETER OBSERVATIONS (EXCLUDING MIN/MAX IF NNM >= 5; AVERAGE IF NNM = 4 OR NNM = 3)
ACT_STAT	QUESTIONNAIRE COMPLETED
CENTER	SHS SITE

12-Lead Electrocardiograms

VARIABLE	LABEL
IDNO	ID NUMBER
ID	ID NUMBER
DATETIME	DATE/TIME
VRATE4	VENTRICULAR RATE
PR4	PR INTERVAL
QRS4	QRS DURATION
QTC4	QTC INTERVAL
PAX4	P AXIS
QRSAX4	QRS AXIS
QT4	QT INTERVAL
TAX4	T WAVE AXIS
PDUR4	P DURATION
PCA24	PCA RATIO (PRINCIPLE COMPONENT RATIO)
QTE_GLO4	Q TO T-END INTERVAL GLOBAL (ALL 12 LEADS)
QTE_PRE4	Q TO T-END INTERVAL PRECORDIAL LEADS (V LEADS)
QTP_GLO4	Q TO T-PEAK INTERVAL GLOBAL
QTP_PRE4	Q TO T-PEAK INTERVAL PRECORDIAL LEADS
MC1_1_S4	MINNESOTA CODE 1.1
MC1_2_S4	MINNESOTA CODE 1.2
MC1_3_S4	MINNESOTA CODE 1.3
MC2_1_S4	MINNESOTA CODE 2.1
MC2_2_S4	MINNESOTA CODE 2.2
MC2_3_S4	MINNESOTA CODE 2.3
MC3_1_S4	MINNESOTA CODE 3.1
MC3_2_S4	MINNESOTA CODE 3.2
MC3_3_S4	MINNESOTA CODE 3.3
MC4_1_S4	MINNESOTA CODE 4.1
MC4_2_S4	MINNESOTA CODE 4.2
MC4_3_S4	MINNESOTA CODE 4.3
MC4_4_S4	MINNESOTA CODE 4.4
MC5_1_S4	MINNESOTA CODE 5.1
MC5_2_S4	MINNESOTA CODE 5.2
MC5_3_S4	MINNESOTA CODE 5.3

12-Lead Electrocardiograms

VARIABLE	LABEL
MC5_4_S4	MINNESOTA CODE 5.4
MC6_1_S4	MINNESOTA CODE 6.1
MC6_2_S4	MINNESOTA CODE 6.2
MC6_3_S4	MINNESOTA CODE 6.3
MC6_4_S4	MINNESOTA CODE 6.4
MC6_5_S4	MINNESOTA CODE 6.5
MC6_8_S4	MINNESOTA CODE 6.8
MC7_1_S4	MINNESOTA CODE 7.1
MC7_2_S4	MINNESOTA CODE 7.2
MC7_3_S4	MINNESOTA CODE 7.3
MC7_4_S4	MINNESOTA CODE 7.4
MC7_5_S4	MINNESOTA CODE 7.5
MC7_6_S4	MINNESOTA CODE 7.6
MC7_7_S4	MINNESOTA CODE 7.7
MC7_8_S4	MINNESOTA CODE 7.8
MC8_7_S4	MINNESOTA CODE 8.7
MC8_8_S4	MINNESOTA CODE 8.8
MC8_9_S4	MINNESOTA CODE 8.9
MC8_1_1_S4	MINNESOTA CODE 8.1.1
MC8_1_2_S4	MINNESOTA CODE 8.1.2
MC8_1_3_S4	MINNESOTA CODE 8.1.3
MC8_2_3_S4	MINNESOTA CODE 8.2.3
MC8_3_1_S4	MINNESOTA CODE 8.3.1
MC8_3_2_S4	MINNESOTA CODE 8.3.2
MC8_4_1_S4	MINNESOTA CODE 8.4.1
MC8_4_2_S4	MINNESOTA CODE 8.4.2
MC9_1_S4	MINNESOTA CODE 9.1
MC9_2_S4	MINNESOTA CODE 9.2
MC9_3_S4	MINNESOTA CODE 9.3
MC9_4_S4	MINNESOTA CODE 9.4
MC9_5_S4	MINNESOTA CODE 9.5
PPA_I4	P PRIME AMPLITUDE LEAD I
PPA_II4	P PRIME AMPLITUDE LEAD II

12-Lead Electrocardiograms

VARIABLE	LABEL
PPA_III4	P PRIME AMPLITUDE LEAD III
PPA_AVF4	P PRIME AMPLITUDE LEAD AVF
PPA_AVL4	P PRIME AMPLITUDE LEAD AVL
PPA_AVR4	P PRIME AMPLITUDE LEAD AVR
PPA_V14	P PRIME AMPLITUDE LEAD V1
PPA_V24	P PRIME AMPLITUDE LEAD V2
PPA_V34	P PRIME AMPLITUDE LEAD V3
PPA_V44	P PRIME AMPLITUDE LEAD V4
PPA_V54	P PRIME AMPLITUDE LEAD V5
PPA_V64	P PRIME AMPLITUDE LEAD V6
PPD_I4	P PRIME DURATION LEAD I
PPD_II4	P PRIME DURATION LEAD II
PPD_III4	P PRIME DURATION LEAD III
PPD_AVF4	P PRIME DURATION LEAD AVF
PPD_AVL4	P PRIME DURATION LEAD AVL
PPD_AVR4	P PRIME DURATION LEAD AVR
PPD_V14	P PRIME DURATION LEAD V1
PPD_V24	P PRIME DURATION LEAD V2
PPD_V34	P PRIME DURATION LEAD V3
PPD_V44	P PRIME DURATION LEAD V4
PPD_V54	P PRIME DURATION LEAD V5
PPD_V64	P PRIME DURATION LEAD V6
BMPPAR_I4	P PRIME AREA LEAD I
BMPPAR_II4	P PRIME AREA LEAD II
BMPPAR_III4	P PRIME AREA LEAD III
BMPPAR_AVF4	P PRIME AREA LEAD AVF
BMPPAR_AVL4	P PRIME AREA LEAD AVL
BMPPAR_AVR4	P PRIME AREA LEAD AVR
BMPPAR_V14	P PRIME AREA LEAD V1
BMPPAR_V24	P PRIME AREA LEAD V2
BMPPAR_V34	P PRIME AREA LEAD V3
BMPPAR_V44	P PRIME AREA LEAD V4
BMPPAR_V54	P PRIME AREA LEAD V5

12-Lead Electrocardiograms

VARIABLE	LABEL
BMPPAR_V64	P PRIME AREA LEAD V6
QA_I4	Q WAVE AMPLITUDE LEAD I
QA_II4	Q WAVE AMPLITUDE LEAD II
QA_III4	Q WAVE AMPLITUDE LEAD III
QA_AVF4	Q WAVE AMPLITUDE LEAD AVF
QA_AVL4	Q WAVE AMPLITUDE LEAD AVL
QA_AVR4	Q WAVE AMPLITUDE LEAD AVR
QA_V14	Q WAVE AMPLITUDE LEAD V1
QA_V24	Q WAVE AMPLITUDE LEAD V2
QA_V34	Q WAVE AMPLITUDE LEAD V3
QA_V44	Q WAVE AMPLITUDE LEAD V4
QA_V54	Q WAVE AMPLITUDE LEAD V5
QA_V64	Q WAVE AMPLITUDE LEAD V6
QD_I4	Q WAVE DURATION LEAD I
QD_II4	Q WAVE DURATION LEAD II
QD_III4	Q WAVE DURATION LEAD III
QD_AVF4	Q WAVE DURATION LEAD AVF
QD_AVL4	Q WAVE DURATION LEAD AVL
QD_AVR4	Q WAVE DURATION LEAD AVR
QD_V14	Q WAVE DURATION LEAD V1
QD_V24	Q WAVE DURATION LEAD V2
QD_V34	Q WAVE DURATION LEAD V3
QD_V44	Q WAVE DURATION LEAD V4
QD_V54	Q WAVE DURATION LEAD V5
QD_V64	Q WAVE DURATION LEAD V6
BMQAR_I4	Q WAVE AREA LEAD I
BMQAR_II4	Q WAVE AREA LEAD II
BMQAR_III4	Q WAVE AREA LEAD III
BMQAR_AVF4	Q WAVE AREA LEAD AVF
BMQAR_AVL4	Q WAVE AREA LEAD AVL
BMQAR_AVR4	Q WAVE AREA LEAD AVR
BMQAR_V14	Q WAVE AREA LEAD V1
BMQAR_V24	Q WAVE AREA LEAD V2

12-Lead Electrocardiograms

VARIABLE	LABEL
BMQAR_V34	Q WAVE AREA LEAD V3
BMQAR_V44	Q WAVE AREA LEAD V4
BMQAR_V54	Q WAVE AREA LEAD V5
BMQAR_V64	Q WAVE AREA LEAD V6
RA_I4	R WAVE AMPLITUDE LEAD I
RA_II4	R WAVE AMPLITUDE LEAD II
RA_III4	R WAVE AMPLITUDE LEAD III
RA_AVF4	R WAVE AMPLITUDE LEAD AVF
RA_AVL4	R WAVE AMPLITUDE LEAD AVL
RA_AVR4	R WAVE AMPLITUDE LEAD AVR
RA_V14	R WAVE AMPLITUDE LEAD V1
RA_V24	R WAVE AMPLITUDE LEAD V2
RA_V34	R WAVE AMPLITUDE LEAD V3
RA_V44	R WAVE AMPLITUDE LEAD V4
RA_V54	R WAVE AMPLITUDE LEAD V5
RA_V64	R WAVE AMPLITUDE LEAD V6
RD_I4	R WAVE DURATION LEAD I
RD_II4	R WAVE DURATION LEAD II
RD_III4	R WAVE DURATION LEAD III
RD_AVF4	R WAVE DURATION LEAD AVF
RD_AVL4	R WAVE DURATION LEAD AVL
RD_AVR4	R WAVE DURATION LEAD AVR
RD_V14	R WAVE DURATION LEAD V1
RD_V24	R WAVE DURATION LEAD V2
RD_V34	R WAVE DURATION LEAD V3
RD_V44	R WAVE DURATION LEAD V4
RD_V54	R WAVE DURATION LEAD V5
RD_V64	R WAVE DURATION LEAD V6
BMRAR_I4	R WAVE AREA LEAD I
BMRAR_II4	R WAVE AREA LEAD II
BMRAR_III4	R WAVE AREA LEAD III
BMRAR_AVF4	R WAVE AREA LEAD AVF
BMRAR_AVL4	R WAVE AREA LEAD AVL

12-Lead Electrocardiograms

VARIABLE	LABEL
BMRAR_AVR4	R WAVE AREA LEAD AVR
BMRAR_V14	R WAVE AREA LEAD V1
BMRAR_V24	R WAVE AREA LEAD V2
BMRAR_V34	R WAVE AREA LEAD V3
BMRAR_V44	R WAVE AREA LEAD V4
BMRAR_V54	R WAVE AREA LEAD V5
BMRAR_V64	R WAVE AREA LEAD V6
SA_I4	S WAVE AMPLITUDE LEAD I
SA_II4	S WAVE AMPLITUDE LEAD II
SA_III4	S WAVE AMPLITUDE LEAD III
SA_AVF4	S WAVE AMPLITUDE LEAD AVF
SA_AVL4	S WAVE AMPLITUDE LEAD AVL
SA_AVR4	S WAVE AMPLITUDE LEAD AVR
SA_V14	S WAVE AMPLITUDE LEAD V1
SA_V24	S WAVE AMPLITUDE LEAD V2
SA_V34	S WAVE AMPLITUDE LEAD V3
SA_V44	S WAVE AMPLITUDE LEAD V4
SA_V54	S WAVE AMPLITUDE LEAD V5
SA_V64	S WAVE AMPLITUDE LEAD V6
MAXRA_I4	MAXIMAL R WAVE AMPLITUDE LEAD I
MAXRA_II4	MAXIMAL R WAVE AMPLITUDE LEAD II
MAXRA_III4	MAXIMAL R WAVE AMPLITUDE LEAD III
MAXRA_AVF4	MAXIMAL R WAVE AMPLITUDE LEAD AVF
MAXRA_AVL4	MAXIMAL R WAVE AMPLITUDE LEAD AVL
MAXRA_AVR4	MAXIMAL R WAVE AMPLITUDE LEAD AVR
MAXRA_V14	MAXIMAL R WAVE AMPLITUDE LEAD V1
MAXRA_V24	MAXIMAL R WAVE AMPLITUDE LEAD V2
MAXRA_V34	MAXIMAL R WAVE AMPLITUDE LEAD V3
MAXRA_V44	MAXIMAL R WAVE AMPLITUDE LEAD V4
MAXRA_V54	MAXIMAL R WAVE AMPLITUDE LEAD V5
MAXRA_V64	MAXIMAL R WAVE AMPLITUDE LEAD V6
PA_I4	P WAVE AMPLITUDE LEAD I
PA_II4	P WAVE AMPLITUDE LEAD II

12-Lead Electrocardiograms

VARIABLE	LABEL
PA_III4	P WAVE AMPLITUDE LEAD III
PA_AVF4	P WAVE AMPLITUDE LEAD AVF
PA_AVL4	P WAVE AMPLITUDE LEAD AVL
PA_AVR4	P WAVE AMPLITUDE LEAD AVR
PA_V14	P WAVE AMPLITUDE LEAD V1
PA_V24	P WAVE AMPLITUDE LEAD V2
PA_V34	P WAVE AMPLITUDE LEAD V3
PA_V44	P WAVE AMPLITUDE LEAD V4
PA_V54	P WAVE AMPLITUDE LEAD V5
PA_V64	P WAVE AMPLITUDE LEAD V6
PD_I4	P WAVE DURATION LEAD I
PD_II4	P WAVE DURATION LEAD II
PD_III4	P WAVE DURATION LEAD III
PD_AVF4	P WAVE DURATION LEAD AVF
PD_AVL4	P WAVE DURATION LEAD AVL
PD_AVR4	P WAVE DURATION LEAD AVR
PD_V14	P WAVE DURATION LEAD V1
PD_V24	P WAVE DURATION LEAD V2
PD_V34	P WAVE DURATION LEAD V3
PD_V44	P WAVE DURATION LEAD V4
PD_V54	P WAVE DURATION LEAD V5
PD_V64	P WAVE DURATION LEAD V6
BMPAR_I4	P WAVE AREA LEAD I
BMPAR_II4	P WAVE AREA LEAD II
BMPAR_III4	P WAVE AREA LEAD III
BMPAR_AVF4	P WAVE AREA LEAD AVF
BMPAR_AVL4	P WAVE AREA LEAD AVL
BMPAR_AVR4	P WAVE AREA LEAD AVR
BMPAR_V14	P WAVE AREA LEAD V1
BMPAR_V24	P WAVE AREA LEAD V2
BMPAR_V34	P WAVE AREA LEAD V3
BMPAR_V44	P WAVE AREA LEAD V4
BMPAR_V54	P WAVE AREA LEAD V5

12-Lead Electrocardiograms

VARIABLE	LABEL
BMPAR_V64	P WAVE AREA LEAD V6
SD_I4	S WAVE DURATION LEAD I
SD_II4	S WAVE DURATION LEAD II
SD_III4	S WAVE DURATION LEAD III
SD_AVF4	S WAVE DURATION LEAD AVF
SD_AVL4	S WAVE DURATION LEAD AVL
SD_AVR4	S WAVE DURATION LEAD AVR
SD_V14	S WAVE DURATION LEAD V1
SD_V24	S WAVE DURATION LEAD V2
SD_V34	S WAVE DURATION LEAD V3
SD_V44	S WAVE DURATION LEAD V4
SD_V54	S WAVE DURATION LEAD V5
SD_V64	S WAVE DURATION LEAD V6
BMSAR_I4	S WAVE AREA LEAD I
BMSAR_II4	S WAVE AREA LEAD II
BMSAR_III4	S WAVE AREA LEAD III
BMSAR_AVF4	S WAVE AREA LEAD AVF
BMSAR_AVL4	S WAVE AREA LEAD AVL
BMSAR_AVR4	S WAVE AREA LEAD AVR
BMSAR_V14	S WAVE AREA LEAD V1
BMSAR_V24	S WAVE AREA LEAD V2
BMSAR_V34	S WAVE AREA LEAD V3
BMSAR_V44	S WAVE AREA LEAD V4
BMSAR_V54	S WAVE AREA LEAD V5
BMSAR_V64	S WAVE AREA LEAD V6
RPA_I4	R PRIME AMPLITUDE LEAD I
RPA_II4	R PRIME AMPLITUDE LEAD II
RPA_III4	R PRIME AMPLITUDE LEAD III
RPA_AVF4	R PRIME AMPLITUDE LEAD AVF
RPA_AVL4	R PRIME AMPLITUDE LEAD AVL
RPA_AVR4	R PRIME AMPLITUDE LEAD AVR
RPA_V14	R PRIME AMPLITUDE LEAD V1
RPA_V24	R PRIME AMPLITUDE LEAD V2

12-Lead Electrocardiograms

VARIABLE	LABEL
RPA_V34	R PRIME AMPLITUDE LEAD V3
RPA_V44	R PRIME AMPLITUDE LEAD V4
RPA_V54	R PRIME AMPLITUDE LEAD V5
RPA_V64	R PRIME AMPLITUDE LEAD V6
RPD_I4	R PRIME DURATION LEAD I
RPD_II4	R PRIME DURATION LEAD II
RPD_III4	R PRIME DURATION LEAD III
RPD_AVF4	R PRIME DURATION LEAD AVF
RPD_AVL4	R PRIME DURATION LEAD AVL
RPD_AVR4	R PRIME DURATION LEAD AVR
RPD_V14	R PRIME DURATION LEAD V1
RPD_V24	R PRIME DURATION LEAD V2
RPD_V34	R PRIME DURATION LEAD V3
RPD_V44	R PRIME DURATION LEAD V4
RPD_V54	R PRIME DURATION LEAD V5
RPD_V64	R PRIME DURATION LEAD V6
BMRPAR_I4	R PRIME AREA LEAD I
BMRPAR_II4	R PRIME AREA LEAD II
BMRPAR_III4	R PRIME AREA LEAD III
BMRPAR_AVF4	R PRIME AREA LEAD AVF
BMRPAR_AVL4	R PRIME AREA LEAD AVL
BMRPAR_AVR4	R PRIME AREA LEAD AVR
BMRPAR_V14	R PRIME AREA LEAD V1
BMRPAR_V24	R PRIME AREA LEAD V2
BMRPAR_V34	R PRIME AREA LEAD V3
BMRPAR_V44	R PRIME AREA LEAD V4
BMRPAR_V54	R PRIME AREA LEAD V5
BMRPAR_V64	R PRIME AREA LEAD V6
SPA_I4	S PRIME AMPLITUDE LEAD I
SPA_II4	S PRIME AMPLITUDE LEAD II
SPA_III4	S PRIME AMPLITUDE LEAD III
SPA_AVF4	S PRIME AMPLITUDE LEAD AVF
SPA_AVL4	S PRIME AMPLITUDE LEAD AVL

12-Lead Electrocardiograms

VARIABLE	LABEL
SPA_AVR4	S PRIME AMPLITUDE LEAD AVR
SPA_V14	S PRIME AMPLITUDE LEAD V1
SPA_V24	S PRIME AMPLITUDE LEAD V2
SPA_V34	S PRIME AMPLITUDE LEAD V3
SPA_V44	S PRIME AMPLITUDE LEAD V4
SPA_V54	S PRIME AMPLITUDE LEAD V5
SPA_V64	S PRIME AMPLITUDE LEAD V6
SPD_I4	S PRIME DURATION LEAD I
SPD_II4	S PRIME DURATION LEAD II
SPD_III4	S PRIME DURATION LEAD III
SPD_AVF4	S PRIME DURATION LEAD AVF
SPD_AVL4	S PRIME DURATION LEAD AVL
SPD_AVR4	S PRIME DURATION LEAD AVR
SPD_V14	S PRIME DURATION LEAD V1
SPD_V24	S PRIME DURATION LEAD V2
SPD_V34	S PRIME DURATION LEAD V3
SPD_V44	S PRIME DURATION LEAD V4
SPD_V54	S PRIME DURATION LEAD V5
SPD_V64	S PRIME DURATION LEAD V6
BMSPAR_I4	S PRIME AREA LEAD I
BMSPAR_II4	S PRIME AREA LEAD II
BMSPAR_III4	S PRIME AREA LEAD III
BMSPAR_AVF4	S PRIME AREA LEAD AVF
BMSPAR_AVL4	S PRIME AREA LEAD AVL
BMSPAR_AVR4	S PRIME AREA LEAD AVR
BMSPAR_V14	S PRIME AREA LEAD V1
BMSPAR_V24	S PRIME AREA LEAD V2
BMSPAR_V34	S PRIME AREA LEAD V3
BMSPAR_V44	S PRIME AREA LEAD V4
BMSPAR_V54	S PRIME AREA LEAD V5
BMSPAR_V64	S PRIME AREA LEAD V6
STJ_I4	ST J POINT LEAD I
STJ_II4	ST J POINT LEAD II

12-Lead Electrocardiograms

VARIABLE	LABEL
STJ_III4	ST J POINT LEAD III
STJ_AVF4	ST J POINT LEAD AVF
STJ_AVL4	ST J POINT LEAD AVL
STJ_AVR4	ST J POINT LEAD AVR
STJ_V14	ST J POINT LEAD V1
STJ_V24	ST J POINT LEAD V2
STJ_V34	ST J POINT LEAD V3
STJ_V44	ST J POINT LEAD V4
STJ_V54	ST J POINT LEAD V5
STJ_V64	ST J POINT LEAD V6
STM_I4	ST M POINT LEAD I
STM_II4	ST M POINT LEAD II
STM_III4	ST M POINT LEAD III
STM_AVF4	ST M POINT LEAD AVF
STM_AVL4	ST M POINT LEAD AVL
STM_AVR4	ST M POINT LEAD AVR
STM_V14	ST M POINT LEAD V1
STM_V24	ST M POINT LEAD V2
STM_V34	ST M POINT LEAD V3
STM_V44	ST M POINT LEAD V4
STM_V54	ST M POINT LEAD V5
STM_V64	ST M POINT LEAD V6
STE_I4	ST E POINT LEAD I
STE_II4	ST E POINT LEAD II
STE_III4	ST E POINT LEAD III
STE_AVF4	ST E POINT LEAD AVF
STE_AVL4	ST E POINT LEAD AVL
STE_AVR4	ST E POINT LEAD AVR
STE_V14	ST E POINT LEAD V1
STE_V24	ST E POINT LEAD V2
STE_V34	ST E POINT LEAD V3
STE_V44	ST E POINT LEAD V4
STE_V54	ST E POINT LEAD V5

12-Lead Electrocardiograms

VARIABLE	LABEL
STE_V64	ST E POINT LEAD V6
TA_I4	T WAVE AMPLITUDE LEAD I
TA_II4	T WAVE AMPLITUDE LEAD II
TA_III4	T WAVE AMPLITUDE LEAD III
TA_AVF4	T WAVE AMPLITUDE LEAD AVF
TA_AVL4	T WAVE AMPLITUDE LEAD AVL
TA_AVR4	T WAVE AMPLITUDE LEAD AVR
TA_V14	T WAVE AMPLITUDE LEAD V1
TA_V24	T WAVE AMPLITUDE LEAD V2
TA_V34	T WAVE AMPLITUDE LEAD V3
TA_V44	T WAVE AMPLITUDE LEAD V4
TA_V54	T WAVE AMPLITUDE LEAD V5
TA_V64	T WAVE AMPLITUDE LEAD V6
TD_I4	T WAVE DURATION LEAD I
TD_II4	T WAVE DURATION LEAD II
TD_III4	T WAVE DURATION LEAD III
TD_AVF4	T WAVE DURATION LEAD AVF
TD_AVL4	T WAVE DURATION LEAD AVL
TD_AVR4	T WAVE DURATION LEAD AVR
TD_V14	T WAVE DURATION LEAD V1
TD_V24	T WAVE DURATION LEAD V2
TD_V34	T WAVE DURATION LEAD V3
TD_V44	T WAVE DURATION LEAD V4
TD_V54	T WAVE DURATION LEAD V5
TD_V64	T WAVE DURATION LEAD V6
BMTAR_I4	T WAVE AREA LEAD I
BMTAR_II4	T WAVE AREA LEAD II
BMTAR_III4	T WAVE AREA LEAD III
BMTAR_AVF4	T WAVE AREA LEAD AVF
BMTAR_AVL4	T WAVE AREA LEAD AVL
BMTAR_AVR4	T WAVE AREA LEAD AVR
BMTAR_V14	T WAVE AREA LEAD V1
BMTAR_V24	T WAVE AREA LEAD V2

12-Lead Electrocardiograms

VARIABLE	LABEL
BMTAR_V34	T WAVE AREA LEAD V3
BMTAR_V44	T WAVE AREA LEAD V4
BMTAR_V54	T WAVE AREA LEAD V5
BMTAR_V64	T WAVE AREA LEAD V6
MAXSA_I4	MAXIMAL S WAVE AMPLITUDE LEAD I
MAXSA_II4	MAXIMAL S WAVE AMPLITUDE LEAD II
MAXSA_III4	MAXIMAL S WAVE AMPLITUDE LEAD III
MAXSA_AVF4	MAXIMAL S WAVE AMPLITUDE LEAD AVF
MAXSA_AVL4	MAXIMAL S WAVE AMPLITUDE LEAD AVL
MAXSA_AVR4	MAXIMAL S WAVE AMPLITUDE LEAD AVR
MAXSA_V14	MAXIMAL S WAVE AMPLITUDE LEAD V1
MAXSA_V24	MAXIMAL S WAVE AMPLITUDE LEAD V2
MAXSA_V34	MAXIMAL S WAVE AMPLITUDE LEAD V3
MAXSA_V44	MAXIMAL S WAVE AMPLITUDE LEAD V4
MAXSA_V54	MAXIMAL S WAVE AMPLITUDE LEAD V5
MAXSA_V64	MAXIMAL S WAVE AMPLITUDE LEAD V6
PAREA_I4	P WAVE NET AREA LEAD I
PAREA_II4	P WAVE NET AREA LEAD II
PAREA_III4	P WAVE NET AREA LEAD III
PAREA_AVF4	P WAVE NET AREA LEAD AVF
PAREA_AVL4	P WAVE NET AREA LEAD AVL
PAREA_AVR4	P WAVE NET AREA LEAD AVR
PAREA_V14	P WAVE NET AREA LEAD V1
PAREA_V24	P WAVE NET AREA LEAD V2
PAREA_V34	P WAVE NET AREA LEAD V3
PAREA_V44	P WAVE NET AREA LEAD V4
PAREA_V54	P WAVE NET AREA LEAD V5
PAREA_V64	P WAVE NET AREA LEAD V6
QRSAR_I4	QRS COMPLEX NET AREA LEAD I
QRSAR_II4	QRS COMPLEX NET AREA LEAD II
QRSAR_III4	QRS COMPLEX NET AREA LEAD III
QRSAR_AVF4	QRS COMPLEX NET AREA LEAD AVF
QRSAR_AVL4	QRS COMPLEX NET AREA LEAD AVL

12-Lead Electrocardiograms

VARIABLE	LABEL
QRSAR_AVR4	QRS COMPLEX NET AREA LEAD AVR
QRSAR_V14	QRS COMPLEX NET AREA LEAD V1
QRSAR_V24	QRS COMPLEX NET AREA LEAD V2
QRSAR_V34	QRS COMPLEX NET AREA LEAD V3
QRSAR_V44	QRS COMPLEX NET AREA LEAD V4
QRSAR_V54	QRS COMPLEX NET AREA LEAD V5
QRSAR_V64	QRS COMPLEX NET AREA LEAD V6
TAREA_I4	T WAVE NET AREA LEAD I
TAREA_II4	T WAVE NET AREA LEAD II
TAREA_III4	T WAVE NET AREA LEAD III
TAREA_AVF4	T WAVE NET AREA LEAD AVF
TAREA_AVL4	T WAVE NET AREA LEAD AVL
TAREA_AVR4	T WAVE NET AREA LEAD AVR
TAREA_V14	T WAVE NET AREA LEAD V1
TAREA_V24	T WAVE NET AREA LEAD V2
TAREA_V34	T WAVE NET AREA LEAD V3
TAREA_V44	T WAVE NET AREA LEAD V4
TAREA_V54	T WAVE NET AREA LEAD V5
TAREA_V64	T WAVE NET AREA LEAD V6
J40_I4	ST J+40 LEAD I
J40_II4	ST J+40 LEAD II
J40_III4	ST J+40 LEAD III
J40_AVF4	ST J+40 LEAD AVF
J40_AVL4	ST J+40 LEAD AVL
J40_AVR4	ST J+40 LEAD AVR
J40_V14	ST J+40 LEAD V1
J40_V24	ST J+40 LEAD V2
J40_V34	ST J+40 LEAD V3
J40_V44	ST J+40 LEAD V4
J40_V54	ST J+40 LEAD V5
J40_V64	ST J+40 LEAD V6
J60_I4	ST J+60 LEAD I
J60_II4	ST J+60 LEAD II

12-Lead Electrocardiograms

VARIABLE	LABEL
J60_III4	ST J+60 LEAD III
J60_AVF4	ST J+60 LEAD AVF
J60_AVL4	ST J+60 LEAD AVL
J60_AVR4	ST J+60 LEAD AVR
J60_V14	ST J+60 LEAD V1
J60_V24	ST J+60 LEAD V2
J60_V34	ST J+60 LEAD V3
J60_V44	ST J+60 LEAD V4
J60_V54	ST J+60 LEAD V5
J60_V64	ST J+60 LEAD V6
J80_I4	ST J+80 LEAD I
J80_II4	ST J+80 LEAD II
J80_III4	ST J+80 LEAD III
J80_AVF4	ST J+80 LEAD AVF
J80_AVL4	ST J+80 LEAD AVL
J80_AVR4	ST J+80 LEAD AVR
J80_V14	ST J+80 LEAD V1
J80_V24	ST J+80 LEAD V2
J80_V34	ST J+80 LEAD V3
J80_V44	ST J+80 LEAD V4
J80_V54	ST J+80 LEAD V5
J80_V64	ST J+80 LEAD V6
CENTER	SHS SITE

Echocardiography

VARIABLE	LABEL
IDNO	ID NUMBER
AA4	AORTIC ANNULUS
AC_ET4	ACCELERATION TIME/EJECTION TIME
AR2D4	AORTIC ROOT BY 2-D
ARMM4	AORTIC ROOT DIMENSION (M-MODE MODULE)
AVACCEL4	AORTIC VALVE ACCELERATION RATE (AT AORTIC VALVE ANNULUS, FROM DOPPLER RECORDINGS)
AVMG4	AORTIC VALVE MEAN GRADIENT
AVMV4	AORTIC ANNULAR MEAN VELOCITY
AVPEAKV4	AORTIC VALVE PEAK VELOCITY
AVPG4	AORTIC VALVE PEAK GRADIENT
AVTIME4	AORTIC VALVE EJECTION TIME
AVTVI4	AORTIC VALVE TIME VELOCITY INTEGRAL
COMMENT4	COMMENT
COMMENTSD4	COMMENT
COMMENTSE4	COMMENT
ECHOSEQ4	ECHO SEQUENCE
ECHOTAP4	ECHOTAPE
FROZEN4	FROZEN
HEARTRA4	HEART RATE (BPM) (MEASURED FROM DOPPLER RECORDINGS)
IDE	ID NUMBER
IVRT4	SHS4 IVRT
LASD2D4	LEFT ATRIAL SYSTOLIC DIAMETER (2-D MODULE)
LASDMM4	LEFT ATRIAL SYSTOLIC DIAMETER (M-MODE MODULE)
LAST_RP4	LAST REPORT
LVDD2D4	LEFT VENTRICULAR INTERNAL DIMENSION IN DIASTOLE (FROM 2-D MEASUREMENT MODULE)
LASDMM4	LEFT ATRIAL SYSTOLIC DIAMETER (M-MODE MODULE)
LAST_RP4	LAST REPORT
LVDD2D4	LEFT VENTRICULAR INTERNAL DIMENSION IN DIASTOLE (FROM 2-D MEASUREMENT MODULE)
LVIDD4	LEFT VENTRICULAR INTERNAL DIAMETER IN DISTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)

Echocardiography

VARIABLE	LABEL
LVDDMM4	LEFT VENTRICULAR INTERNAL DIMENSION IN DIASTOLE (FROM M-MODE MEASUREMENT MODULE)
LVPWDDM4	LEFT VENTRICULAR POSTERIOR WALL THICKNESS (M-MODE MODULE)
LVPWSDM4	LEFT VENTRICULAR POSTERIOR WALL THICKNESS IN SYSTOLE (M-MODE MODULE)
LVIDS4	LEFT VENTRICULAR INTERNAL DIAMETER IN SYSTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)
LVSDMM4	LEFT VENTRICULAR INTERNAL DIMENSION IN SYSTOLE (M-MODE MODULE)
LVPWDD24	LV SYSTOLIC MIDWALL DIMENSION (CM) BY 2-D MODULE
LVPWSD24	LEFT VENTRICULAR POSTERIOR WALL THICKNESS IN SYSTOLE (2-D MODULE)
LVSD2D4	LEFT VENTRICULAR INTERNAL DIMENSION IN SYSTOLE (2-DMODULE)
MAA4	MITRAL ANNULAR A VELOCITY
MAACCTI4	MITRAL ANNULAR ACCELERATION TIME
MAATRIF4	MITRAL ANNULAR ATRIAL FILLING TIME
MADECTI4	MITRAL ANNULAR DECELERATION TIME
MAE4	MITRAL ANNULAR E VELOCITY
MAHALFF4	MITRAL ANNULAR HALF FILLING TIME
MAMR4	MITRAL ANNULUS OPENING R-WAVE-INTERVAL
MATHIRD4	MITRAL ANNULAR THIRD FILLING TIME
MATIME4	MITRAL ANNULAR FILLING TIME
MATVI4	MITRAL ANNULAR TIME VELOCITY INTEGRAL (FLOW AT MITRAL ANNULAR LEVEL, FROM DOPPLER)
MVA4	MITRAL VALVE A VELOCITY (PEAK ATRIAL PHASE VELOCITY AT LEAFLET TIPS)
MVACCTI4	MITRAL VALVE ACCELERATION TIME (AT LEAFLET TIPS)
MVATRIF4	MITRAL VALVE ATRIAL FILLING FRACTION (FRACTION OF TOTAL FILLING DURING ATRIAL CONTRACTION)
MVDECTI4	MITRAL VALVE DECELERATION TIME (TIME FOR LEAFLET TIP EARLY FLOW VELOCITY TO REACH 0)
MVE4	MITRAL VALVE E. VELOCITY (PEAK EARLY FILLING VELOCITY AT LEAFLET TIPS)
MVHALFF4	MITRAL VALVE HALF FILLING TIME (AT LEAFLET TIPS)

Echocardiography

VARIABLE	LABEL
MVTHIRD4	MITRAL VALVE THIRD FILLING TIME (AT LEAFLET TIPS)
MVTIME4	MITRAL VALVE DIASTOLIC FILLING TIME (AT LEAFLET TIPS)
MVTVI4	MITRAL VALVE TIME VELOCITY INTEGRAL (AT LEAFLET TIPS, FROM DOPPLER RECORDINGS)
MVP4	MV PROLAPSE PRESENT/ABSENT 0= NO MVP 1=MVP SEEN
PRESHFT4	MITRAL VALVE PRESSURE HALF-TIME
PRINTRE4	PRINT RECORD
PVMEANG4	PULMONIC VALVE MEAN GRADIENT
PVMEAN4	MEAN VELOCITY
PVPEAKG4	PULMONIC VALVE PEAK GRADIENT
PVPEAKV4	PULMONIC VALVE PEAK VELOCITY
PVTIME4	PULMONIC VALVE TIME
PVTVI4	PULMONIC VALVE TIME VELOCITY INTEGRAL
RPT_DAT4	DATE REPORT SENT
RWM_AA4	WALL MOTION SCORE FOR ANTERIOR WALL, AT VENTRICULAR APEX
RWM_AI4	WALL MOTION SCORE FOR INFERIOR WALL, AT VENTRICULAR APEX
RWM_AL4	WALL MOTION SCORE FOR LATERAL WALL, AT VENTRICULAR APEX
RWM_AS4	WALL MOTION SCORE FOR INFERIOR SEPTUM, AT MID-VENTRICLE
RWM_AVG4	WALL MOTION SCORE AVERAGE (FROM DIGISONICS)
RWM_BA4	WALL MOTION SCORE FOR ANTERIOR WALL, AT BASE
RWM_BAS4	WALL MOTION SCORE FOR ANTERIOR SEPTUM, AT BASE
RWM_BI4	WALL MOTION SCORE VARIABLE, FOR INFERIOR SEPTUM, AT BASE
RWM_BIS4	WALL MOTION SCORE FOR INFERIOR SEPTUM, AT BASE
RWM_BL4	WALL MOTION SCORE VARIABLE FOR LATERAL WALL, AT BASE
RWM_MA4	WALL MOTION SCORE FOR ANTERIOR WALL, AT MID VENTRICLE
RWM_MAS4	WALL MOTION SCORE FOR ANTERIOR SEPTUM, AT MID VENTRICLE

Echocardiography

VARIABLE	LABEL
RWM_MI4	WALL MOTION SCORE FOR INFERIOR WALL, AT MID-VENTRICLE
RWM_MIS4	WALL MOTION SCORE FOR INFERIOR SEPTUM, AT MID-VENTRICLE
RWM_ML4	WALL MOTION SCORE FOR LATERAL WALL, AT MID VENTRICLE
IVSDD4	INTER VENTRICULAR SEPTUM IN DIASTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)
IVSS4	INTER VENTRICULAR SEPTUM IN SYSTOLE
SDDMM4	SEPTAL THICKNESS IN DIASTOLE (M-MODE MODULE)
SSD2D4	SEPTAL THICKNESS IN SYSTOLE (2-D MODULE)
SSDMM4	SEPTAL THICKNESS IN SYSTOLE (M-MODE MODULE)
TRMEANG4	TRICUSPID VALVE MEAN GRADIENT
TRMEANV4	TRICUSPID VALVE MEAN VELOCITY
TRPEAKA4	TRICUSPID VALVE PEAK ACCELERATION
TRPEAKG4	TRICUSPID VALVE PEAK GRADIENT
TRPEAKV4	TRICUSPID VALVE PEAK VELOCITY
TRTIME4	DURATION OF TRICUSPID REGURGITATION
TRTVI4	TRICUSPID VALVE TIME VELOCITY INTEGRAL
UNIQUEF4	UNIQUEFIELD
BSA4	BODY SURFACE AREA (M ²)
LVMASS4	LEFT VENTRICULAR MASS (G)
FS4	FRACTIONAL SHORTENING (ABSOLUTE UNITS)
A4	PORTION OF COMPLEX DERIVED VARIABLE
B4	PORTION OF COMPLEX DERIVED VARIABLE
CESS4	CIRCUMFERENTIAL END SYSTOLIC STRESS (KDYNE/CM ²)
EDV4	END DIASTOLIC VOLUME (ML)
ESV4	END SYSTOLIC VOLUME (ML)
ESVI4	END SYSTOLIC VOLUME INDEX (ESV/BSA)(ML/M ²)
AREA4	AORTIC AREA (CM ²)
STVOL4	STROKE VOLUME (ML)
LVMHT274	LVMASS DIVIDED BY METER AND RAISED TO THE 2.7 POWER
LVMI4	LEFT VENTRICULAR MASS INDEX LVM/BSA (G/M ²)

Echocardiography

VARIABLE	LABEL
ESSM4	MERIDIONAL END-SYSTOLIC STRESS (KDYNE/CM ²)
EF4	EJECTION FRACTION (ABSOLUTE UNITS)
EF2D4	DERIVE 2D EF FROM WM SCORE INDEX AS WMSCORE4*# SEGMENTS SEEN IF ALL SEG ARE SEEN
VCF4	VELOCITY OF CIRCUMFERENTIAL FIBER SHORTENING (ABSOLUTE UNITS/SEC)
CARDOUT4	CARDIAC OUTPUT (ML/MINUTES)
TPR4	TOTAL PERIPHERAL RESISTANCE (DYNE•CM•SEC ⁻⁵)
PPSTVOL4	PULSE PRESSURE OVER STROKE VOLUME (MMHG/ML)
CARDBSA4	CARDIAC OUTPUT/BODY SURFACE AREA (ML/MIN/M ²)
HS4	SYSTOLIC MIDWALL SHELL THICKNESS (CM)
MWS4	MIDWALL SHORTENING (CM)
MWSPRED4	MIDWALL SHORTENING PREDICTED (ABSOLUTE UNITS)
MWSMWSP4	MIDWALL SHORTENING AS PERCENT OF PREDICTED (%)
MAEA4	MAE/MAA
MVEA4	MVE/MVA
LVMWDS4	LV SYSTOLIC MIDWALL DIMENSION (CM)
LVMWDD4	LV DIASTOLIC MIDWALL DIMENSION (CM)
AREG4	AORTIC REGURGITATION
AREG34	AORTIC REGURGITATION
AREGDUM4	AORTIC REGURGITATION
MREG4	MITRAL REGURGITATION
MREG34	MITR REG. SEVERITY
MREGDUM4	PRESENCE/ABSENCE OF MREG4
AOSTEN4	AORTIC STENOSIS
AOBICUS4	BICUSPID AORTIC VALVE
AOCALC4R	AO FIC AND AORTIC VALVE LEAF THICKENING
MSTEN4	MR STENOSIS
MVPROS4	MR VALVE PROTHESIS SEEN
AOPROS4	AORTIC VALVE PROSTHESIS SEEN
MAC4	THICKENED MITRAL ANULUS
AOCALC4R	AO FIC AND AORTIC VALVE LEAF THICKENING
PARASEP4	NO PARADOXICAL SEPTAL MOTION
M_AA4	APICAL ANTERIOR WALL MOTION ABNORMALITY

Echocardiography

VARIABLE	LABEL
M_AI4	APICAL INFERIOR WALL MOTION ABNORMALITY
M_AL4	APICAL LATERAL WALL MOTION ABNORMALITY
M_AS4	APICAL SEPTUM WALL MOTION ABNORMALITY
M_BA4	BASAL ANTERIOR WALL MOTION ABNORMALITY
M_BAS4	BASAL ANTERIOR SEPTAL WALL MOTION ABNORMALITY
M_BI4	BASAL INFERIOR WALL MOTION ABNORMALITY
M_BIS4	BASAL INFERIOR SEPTAL MOTION ABNORMALITY
M_BL4	BASAL LATERAL WALL MOTION ABNORMALITY
M_MA4	MEDIAL ANTERIOR WALL MOTION ABNORMALITY
M_MAS4	MEDIAL ANTERIOR SEPTAL WALL MOTION ABNORMALITY
M_MI4	MEDIAL INFERIOR MOTION ABNORMALITY
M_MIS4	MEDIAL INFERIOR SEPTAL MOTION ABNORMALITY
M_ML4	MEDIAL LATERAL WALL MOTION ABNORMALITY
PWTD4	POSTERIOR WALL THICKNESS IN DIASTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)
PWTS4	POSTERIOR WALL THICKNESS IN SYSTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)
R4	PORTION OF COMPLEX DERIVED VARIABLE
RWT4	RELATIVE WALL THICKNESS (ABSOLUTE UNITS)
SDD2D4	SEPTAL THICKNESS IN DIASTOLE (2-D MODULE)
SVMODE4	STROKE VOLUME FROM M-MODE (ML)
TPRBSA4	TOTAL PERIPHERAL RESISTANCE INDEX TPR/BSA (DYNE•CM•SEC-5•M ²)
VIT4	DENOMINATOR TO DERIVE WALL MOTION SCORE INDEX
WMABNOR4	WALL MOTION ABNORM BY 2D, IF ALL SEG ARE SEEN
WMGLODU4	GLOB WALL MOTION ABNORMALITIES
WMNORMA4	WALL MOTION NORMAL VERSUS ABNORMAL GOBAL ABNORM
WMSCORE4	WALL MOTION SCORE
WMSEGDU4	SEGMENTAL WALL MOTION ABNORMALITIES
ECHODAT4	ECHO EXAM DATE
ECHODATED	ECHO DATE

Echocardiography

VARIABLE	LABEL
ECHODATEE	ECHO DATE
DATEREC4	DATE OF EXAM
EDITDAT4	EDITTAPE
CAROTID4	CAROTID SEQUENCE
LOCATIO4	LOCATION
READDAT4	DATE TAPE INITIALLY READ
READDATED	DATE TAPE INITIALLY READ
READDATEE	DATE TAPE INITIALLY READ
SONOGRA4	SONOGRAPHER
SUMMAR4	SUMMARYDIMT
TAPEENT4	TAPEENTRY
C104	CLINICAL COMMENT CODE (CODED)
C114	CLINICAL COMMENT CODE (CODED)
C124	CLINICAL COMMENT CODE (CODED)
C134	CLINICAL COMMENT CODE (CODED)
C144	CLINICAL COMMENT CODE (CODED)
C154	CLINICAL COMMENT CODE (CODED)
C164	CLINICAL COMMENT CODE (CODED)
C174	CLINICAL COMMENT CODE (CODED)
C184	CLINICAL COMMENT CODE (CODED)
C194	CLINICAL COMMENT CODE (CODED)
C204	CLINICAL COMMENT CODE (CODED)
C214	CLINICAL COMMENT CODE (CODED)
C224	CLINICAL COMMENT CODE (CODED)
C234	CLINICAL COMMENT CODE (CODED)
C244	CLINICAL COMMENT CODE (CODED)
C254	CLINICAL COMMENT CODE (CODED)
C264	CLINICAL COMMENT CODE (CODED)
C274	CLINICAL COMMENT CODE (CODED)
C294	CLINICAL COMMENT CODE (CODED)
C304	CLINICAL COMMENT CODE (CODED)
C344	CLINICAL COMMENT CODE (CODED)
C444	CLINICAL COMMENT CODE (CODED)

Echocardiography

VARIABLE	LABEL
C544	CLINICAL COMMENT CODE (CODED)
C644	CLINICAL COMMENT CODE (CODED)
C744	CLINICAL COMMENT CODE (CODED)
C844	CLINICAL COMMENT CODE (CODED)
C944	CLINICAL COMMENT CODE (CODED)
C1444	CLINICAL COMMENT CODE (CODED)
C2444	CLINICAL COMMENT CODE (CODED)
C2844	CLINICAL COMMENT CODE (CODED)
FLAG1	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG2	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG3	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG4	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG5	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG6	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG7	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG8	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG9	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG10	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG11	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG12	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG13	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG14	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE
FLAG15	VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Echocardiography

VARIABLE	LABEL
FREECO14	FREECOM 1
FREECO24	FREECOM 2
FREECO34	FREECOM 3
FREECO44	FREECOM 4
FREECO54	FREECOM 5
FREECO64	FREECOM 6
FREECO74	FREECOM 7
FREECO84	FREECOM 8
FREECO94	FREECOM 9
FREECOM10	FREECOM 10
FREECOM11	FREECOM 11
FREECOM12	FREECOM 12
FREECOM13	FREECOM 13
FREECOM14	FREECOM 14
FREECOM15	FREECOM 15
CENTER	SHS SITE

Carotid Arteries

VARIABLE	LABEL
IDNO	ID NUMBER
IDNUM	ID NUMBER
CAROTID4	CAROTID SEQUENCE
LEFTBUL4	LEFT BULB CAROTID SCORE
LEFTCCA4	LEFT COMMON CAROTID ARTERY CAROTID SCORE
LEFTDD4	LEFT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)
LEFTECA4	LEFT EXTERNAL CAROTID ARTERY CAROTID
LEFTICA4	LEFT INTERNAL CAROTID ARTERY CAROTID SCORE
LEFTIMT4	LEFT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)
LEFTSD4	LEFT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)
RIGHTBUL	RIGHT BULB CAROTID SCORE
RIGHTCC4	RIGHT COMMON CAROTID ARTERY CAROTID SCORE
RIGHTDD4	RIGHT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)
RIGHTEC4	RIGHT COMMON CAROTID ARTERY EXTERNAL CAROTID ARTERY CAROTID
RIGHTIC4	RIGHT INTERNAL CAROTID ARTERY CAROTID SCORE
RIGHTIM4	RIGHT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)
RIGHTSD4	RIGHT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)
SUMMAR4	SUMMARYDIMT
ATH_L4	LEFT ATHEROSCLEROSIS SCORE
ATH_R4	RIGHT ATHEROSCLEROSIS SCORE
ATH_MAX4	MAXIMUM ATHEROSCLEROSIS SCORE
ATHER4	PRESENCE OR ABSENCE OF PLAQUE
IMT_M4	MEAN COMMON CAROTID IMT
EFFSEG4	CAROTID ATHEROSCLEROSIS SCORE
RWTART_L4	ARTERIAL RELATIVE WALL THICKNESS LEFT
RWTART_R4	ARTERIAL RELATIVE WALL THICKNESS RIGHT
ARTCSA_L4	LEFT ARTERIAL CROSS-SECTIONAL AREA
ARTCSA_R4	RIGHT ARTERIAL CROSS-SECTIONAL AREA
DIAM_D_M	MEAN COMMON CAROTID DIASTOLIC DIAMETER

Carotid Arteries

VARIABLE	LABEL
AODBP4	CENTRAL DIASTOLIC BP FROM APPLANATION TONOMETRY
AOPP4	CENTRAL PULSE PRESSURE FROM APPLANATION TONOMETRY
AOSBP4	CENTRAL SYSTOLIC BP FROM APPLANATION TONOMETRY
BETA_L4	LEFT ARTERIAL STIFFNESS INDEX
BETA_R4	RIGHT ARTERIAL STIFFNESS INDEX
CENTER	SHS SITE

Applanation Tonometry

VARIABLE	LABEL
IDNO	ID NUMBER
IDNUM	ID NUMBER
SYSTEM_ID4	SYSTEM ID
DATABASE_ID4	DATABASE ID
PATIENT_NUMBER4	PATIENT NUMBER
SEX4TON	GENDER
DATEREvised4	DATE OF STUDY
TIME4	TIME OF STUDY
PATIENT_CODE4	PATIENT CODE
OPERATOR4	SONOGRAPHER
HEIGHTPH4TONOM	HEIGHT (CM)
WEIGHTPH4TONOM	WEIGHT (KG)
S4ART_DPDTMAX	DP/DT MAX
P_QC_PH4	PULSE HEIGHT (QUALITY CONTROL)
P_QC_PLV4	PULSE LENGTH VARIATION (QUALITY CONTROL)
P_QC_DV4	PULSE DIASTOLIC VARIATION (QUALITY CONTROL)
S4ART_SBPBR	S4 BRACHIAL BP
S4ART_DBPBR	PERIPHERAL DIASTOLIC PRESSURE (MMHG)
S4ART_MBPBR	PERIPHERAL PULSE PRESSURE (MMHG)
S4ART_PPBR	PERIPHERAL MEAN PRESSURE (MMHG)
P_T14	PERIPHERAL T1
P_T24	PERIPHERAL T2
S4ART_AIBR	PERIPHERAL AUGMENTATION INDEX (%)
ED_A4	ED
S4ART_AUG_MMHG	AUGMENTATION (AG) (MMHG)
S4ART_AOMBP_SYSTOLE	CENTRAL AORTIC MEAN PRESSURE SYSTOLE
S4ART_AOMBP_DIASTOLE	CENTRAL AORTIC MEAN PRESSURE DIASTOLE
S4ART_BUCKBERG_TTI	BUCKBERG TTI (TENSION TIME INDEX) (AS)
S4ART_BUCKBERG_DTI	BUCKBERG DTI (DIASTOLIC TIME INDEX) (AD)
S4ART_DTIOVERTTI	BUCKBERG SEVR (AD/AS)
S4ART_HRAT	HEART RATE (BPM)
C_PERIOD4	HEAR RATE PERIOD (MS)
C_DD4	PHASE 4 TONOMETRY DATA

Applanation Tonometry

VARIABLE	LABEL
S4ART_AOEJECTIONTIME	AORTIC EJECTION DURATION PERIOD (%)
C_DD_PERIOD4	PHASE 4 TONOMETRY DATA
C_PH4	PHASE 4 TONOMETRY DATA
S4ART_AOAI	AORTIC AUGMENTATION INDEX (AG/PP)
S4ART_AOAI_ATHR75	AORTIC INDEX (AG/PP) @HR75
S4ART_P1HEIGHT_MINUSAODP	AORTIC- P1 HEIGHT (P1-DP) (MMHG)
S4ART_AOTIMETOREFLECTION	AORTIC TIME TO REFLECTION (MS)
S4ART_AOSBP	AORTIC SYSTOLIC PRESSURE
S4ART_AODBP	AORTIC DIASTOLIC PRESSURE
S4ART_AOPP	AORTIC PULSE PRESSURE-DERIVED VARIABLE BY DF (MMHG)
S4ART_BETAL4	BETAL-ARTERIAL STIFFNESS INDEX
S4ART_BETAR4	BETAR-ARTERIAL STIFFNESS INDEX
S4ART_AOMBP	AORTIC MEAN PRESSURE
S4ART_TTFIRSTPEAK	AORTIC TIME TO FIRST PEAK
S4ART_TTSECONDPEAK	AORTIC TIME TO SECOND PEAK
S4ART_PEAK1OVERPEAK2	AORTIC INDEX (P2/P1)
ED_B4	ED
CALCED_A4	CALCED
C_ESP4	AORTIC END SYSTOLIC PRESSURE (MMHG)
P_QC_PHV4	PULSE HEIGHT VARIATION QUALITY CONTROL VARIABLE
SPARE1_B4	PHASE 4 TONOMETRY DATA
SP4	PHASE 4 TONOMETRY DATA
DP4	PHASE 4 TONOMETRY DATA
MP4	PHASE 4 TONOMETRY DATA
DATA_REV4	PHASE 4 TONOMETRY DATA
V304	PHASE 4 TONOMETRY DATA
V314	PHASE 4 TONOMETRY DATA
V324	PHASE 4 TONOMETRY DATA
V334	PHASE 4 TONOMETRY DATA
V344	PHASE 4 TONOMETRY DATA
DATETIME4	PHASE 4 TONOMETRY DATA
MEDICATION4	PHASE 4 TONOMETRY DATA

Applanation Tonometry

VARIABLE	LABEL
NOTES4	PHASE 4 TONOMETRY DATA
SAMPLE_RATE4	PHASE 4 TONOMETRY DATA
SUB_TYPE4	PHASE 4 TONOMETRY DATA
QUALITY_ED4	PHASE 4 TONOMETRY DATA
CALCED4	PHASE 4 TONOMETRY DATA
S4ART_ESPBR	PHASE 4 TONOMETRY DATA
P_P14	PHASE 4 TONOMETRY DATA
P_P24	PHASE 4 TONOMETRY DATA
P_T1ED4	PHASE 4 TONOMETRY DATA
P_T2ED4	PHASE 4 TONOMETRY DATA
P_QUALITY_T14	PHASE 4 TONOMETRY DATA
P_QUALITY_T24	PHASE 4 TONOMETRY DATA
C_CO_TTIME4	PHASE 4 TONOMETRY DATA
C_CO_AREA_A4	PHASE 4 TONOMETRY DATA
C_CO_AREA_B4	PHASE 4 TONOMETRY DATA
C_CO_AREA_C4	PHASE 4 TONOMETRY DATA
C_CO_AREA_D4	PHASE 4 TONOMETRY DATA
C_CO_MP_A4	PHASE 4 TONOMETRY DATA
C_CO_MP_C4	PHASE 4 TONOMETRY DATA
C_P14	PHASE 4 TONOMETRY DATA
C_P24	PHASE 4 TONOMETRY DATA
C_T1ED4	PHASE 4 TONOMETRY DATA
C_T2ED4	PHASE 4 TONOMETRY DATA
C_QUALITY_T14	PHASE 4 TONOMETRY DATA
C_QUALITY_T24	PHASE 4 TONOMETRY DATA
CENTER	SHS SITE

Sample Collection Checklist

VARIABLE	LABEL
IDNO	ID NUMBER
GTT4_1	FASTING ONE TOUCH RESULT
GTT4_2	FASTING BLOOD SAMPLE TAKEN
GTT4_2A	FASTING BLOOD SAMPLE TAKEN SPECIFY OTHER
GTT4_3	LAST TIME ATE
GTT4_4	TIME OF COLLECTION FASTING BLOOD SAMPLE
GTT4_5	URINE SAMPLE TAKEN
GTT4_6	WHY NO URINE SAMPLE TAKEN
GTT4_6A	WHY NO URINE SAMPLE TAKEN SPECIFY OTHER
GTT4_7	TIME OF URINE SAMPLE
GTT4_8A	BLOOD SAMPLE: CHEM PROFILE LIPIDS, INSULIN (10 ML SST OF SERUM)
GTT4_8B	BLOOD SAMPLE: PAI-1, FIBRINOGEN (4.5 ML LT BLUE OF PLASMA)
GTT4_8C	BLOOD SAMPLE: FASTING GLUCOSE (7 ML GRAY OF PLASMA)
GTT4_8D	BLOOD SAMPLE: HERAPARIN STORAGE (10 ML GREEN OF PLASMA/BUFFY COAT)
GTT4_8E	BLOOD SAMPLE: HBA1C (10 ML PURPLE OF WHOLE BLOOD)
GTT4_8F	BLOOD SAMPLE: DNA (10 ML PURPLE OF BUFFY COAT)
GTT4_8G	BLOOD SAMPLE: LDL SIZE, APOE (10 ML PURPLE OF SERUM)
GTT4_8H	URINE SAMPLE: ALBUMIN/CREATININE (URINE)
GTT4_9	VOLUNTEER BLOOD/URINE QC
GTT4_10	QC ID
GTT4_11A	QC SAMPLE: CHEM PROFILE LIPIDS, INSULIN (10 ML SST OF SERUM)
GTT4_11B	QC SAMPLE: PAI-1, FIBRINOGEN (4.5 ML LT BLUE OF PLASMA)
GTT4_11C	QC SAMPLE: FASTING GLUCOSE (7 ML GRAY OF PLASMA)
GTT4_11D	QC SAMPLE: LDL SIZE, APOE (10 ML PURPLE OF SERUM)
GTT4_11E	QC SAMPLE: ALBUMIN/CREATININE (URINE)
GTT4_CHK	USE TOBACCO, CAFFEINE, OR ALCOHOL
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Laboratory Measures

VARIABLE	LABEL
IDNO	ID NUMBER
CHEMISTRIES	
S4G0	FASTING GLUCOSE (mg/dL)
S4P_CREAT	PLASMA CREATININE (mg/dl)
S4INSU	INSULIN (uU/mL)
S4TPROT	TOTAL PROTEIN (gm/dL)
S4P_ALB	PLASMA ALBUMIN (gm/dL)
S4UACID	URIC ACID (mg/dL)
S4BUN	BLOOD UREA NITROGEN (mg/dl)
S4CAL	CALCIUM (mg/dl)
S4PHOSP	PHOSPHORUS (mg/dL)
S4CHL	CHLORIDE (mEq/L)
S4SOD	SODIUM (mEq/L)
S4POT	POTASSIUM (mEq/L)
S4ALP	ALKALINE PHOSPHATASE (U/L)
S4ALT	ALANINE AMINOTRANSFERASE (SGPT) (IU/L)
S4AST	ASPARTATE AMINOTRANSFERASE (SGOT) (IU/L)
S4TBILI	TOTAL BILIRUBIN (mg/dL)
S4HBA1C	HEMOGLOBIN A1C (%)
S4CO2	CO2(mEq/L)
S4LDH	LACTATE DEHYDROGENASE (LDH) (IU/L)
HEMOSTASIS	
S4FIBRIN	FIBRINOGEN (mg/dL)
LIPIDS	
S4APOA1	APO LIPOPROTEIN A1 (APOA1) (mg/dL)
S4APOB	APO LIPOPROTEIN B (APOB) (mg/dL)
S4TC	TOTAL CHOLESTEROL (mg/dL)
S4TG	TRIGLYCERIDE (mg/dL)
S4HDL	HDL CHOLESTEROL (mg/dL)
S4LDL	LDL CHOLESTEROL (mg/dL)
S4CRP	C-REACTIVE PROTEIN (CRP) (mg/dL)
S4PAI1	PLASMOGEN ACTIVATOR INHIBITOR-1 (PAI-1) (ng/mL)
S4FFA	FREE FATTY ACID (mEq/L)

Laboratory Measures

VARIABLE	LABEL
S4IL	INTERLEUKIN 6 (IL-6)
URINE COLLECTION	
S4U_ALB	URINE ALBUMIN (mg/L)
S4U_CREA	URINE CREATININE (mg/dL)
CENTER	SHS SITE

CBC Results

VARIABLE	LABEL
IDNO	ID NUMBER
WBC4	WHITE BLOOD CELL COUNT (10 ⁹ /L)
RBC4	RED BLOOD CELL COUNT (10 ¹² /L)
HGB4	HEMOGLOBIN (g/dL)
HCT4	HEMATOCRIT (%)
MCV4	MEAN CELL VOLUME (fL)
MCH4	MEAN CORPUSCULAR HEMOGLOBIN (pg)
MCHC4	MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (g/dL)
RDW4	RED CELL DISTRIBUTION WIDTH (%)
PLT4	PLATELET COUNT (10 ⁹ /L)
MPV4	MEAN PLATELET VOLUME (fL)
DIFFERENTIAL	
NEUT4	NEUTROPHIL (%)
LYMPH4	LYMPHOCYTE (%)
MONO4	MONOCYTE (%)
EOS4	EOSINOPHIL (%)
BASO4	BASOPHIL (%)
ADMINISTRATIVE INFORMATION	
CBC_STAT	QUESTIONNAIRE COMPLETED
INT_CODE	INTERVIEWER'S CODE
INT_DATE	INTERVIEW DATE
CENTER	SHS SITE

Derived Medication

VARIABLE	LABEL
IDNO	ID NUMBER
S4ANTIHIST	ANTIHISTIMINES
S4ANTIBIOTIC	ANTIBIOTICS
S4ANTINEO	ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)
S4ANTICOAG	ANTICOAGULANTS
S4CARDIAC	CARDIAC DRUGS
S4LIPIDLOW	HYPOLIPIDEMIC (LIPID LOWERING)
S4HYPOTEN	HYPOTENSIVE AGENTS
S4BETABLOCK	BETA-BLOCKERS
S4ANALGESIC	ANALGESTIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)
S4ASPIRIN	ASPIRIN
S4ANTICONV	ANTICONVULSANTS
S4PSYCHOTHER	PSYCHOTHERAPEUTIC AGENTS
S4DIURETIC	DIURETICS
S4GASTRO	GASTROINTESTINAL DRUGS
S4ADRENAL	ADRENALS (STEROIDS)
S4CONTRA	CONTRACEPTIVES
S4ESTRO	ESTROGENS
S4ANTIDM	ANTIDIABETIC AGENTS
S4INSULIN	INSULINS
S4SULFRON	SULFONYLUREAS
S4THYROID	THYROID AGENTS
S4SKIN	OINTMENTS AND OTHER TOPICAL PRODUCTS
S4VITAMIN	VITAMINS

Derived Medication Details

VARIABLE	LABEL
IDNO	ID NUMBER
MNAME31	DRUG NAME
MDOSE31	DRUG DOSE
OTC31	OVER THE COUNTER MEDICATION
RXDAY31	RX PER DAY
PRN31	TAKE AS NEEDED
TKNDAY31	HOW MANY TAKEN?
MCLASS31	MATCHING DRUG CLASS CODE (AHFS DRUG CODE)
CENTER	SHS SITE
LEVEL1GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 1
LEVEL2GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 2
LEVEL3GRP	AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 3
S4ANTIHIST	ANTIHISTIMINES
S4ANTIBIOTIC	ANTIBIOTICS
S4ANTINEO	ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)
S4ANTICOAG	ANTICOAGULANTS
S4CARDIAC	CARDIAC DRUGS
S4LIPIDLOW	HYPOLIPIDEMIC (LIPID LOWERING)
S4HYPOTEN	HYPOTENSIVE AGENTS
S4BETABLOCK	BETA-BLOCKERS
S4ANALGESIC	ANALGESTIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)
S4ASPIRIN	ASPIRIN
S4ANTICONV	ANTICONVULSANTS
S4PSYCHOTHER	PSYCHOTHERAPEUTIC AGENTS
S4DIURETIC	DIURETICS
S4GASTRO	GASTROINTESTINAL DRUGS
S4ADRENAL	ADRENALS (STEROIDS)
S4CONTRA	CONTRACEPTIVES
S4ESTRO	ESTROGENS
S4ANTIDM	ANTIDIABETIC AGENTS
S4INSULIN	INSULINS
S4SULFRON	SULFONYLUREAS
S4THYROID	THYROID AGENTS

Derived Medication Details

VARIABLE	LABEL
S4SKIN	OINTMENTS AND OTHER TOPICAL PRODUCTS
S4VITAMIN	VITAMINS

Phase 4 Derived Diet Score Variables

VARIABLE	LABEL
IDNO	SHS ID
VEG_GRAMS	SHS4 VEGETABLES (gms)
WHOLEFRUIT_GRAMS	SHS4 WHOLE FRUIT (gms)
WHOLEFRUIT_SRV	SHS4 WHOLE FRUIT (servings)
WHOLEGRAIN_BREAD	SHS4 WHOLE GRAIN BREAD (servings)
WHOLEGRAIN_CEREAL	SHS4 WHOLE GRAIN CEREAL (servings)
WHOLEGRAIN_OATMEAL	SHS4 WHOLE GRAIN OATMEAL (servings)
WHOLEGRAINS	SHS4 WHOLE GRAINS (servings)
SSB_GRAMS	SHS4 SUGAR-SWEETENED BEVERAGES (gms)
SSB_SRV	SHS4 SUGAR-SWEETENED BEVERAGES (servings)
NUTS_GRAMS	SHS4 NUTS AND PEANUT BUTTER (gms)
BEANS_SRV	SHS4 BEANS (servings)
PB_SRV	SHS4 PEANUT BUTTER (servings)
TOFU_SRV	SHS4 TOFU (servings)
NUTS_SRV	SHS4 NUTS (servings)
LEGUMES_SRV	SHS4 LEGUMES (servings)
MEAT_GRAMS	SHS4 MEAT (gms)
REDMEAT_SRV	SHS4 RED MEAT (servings)
PMEAT_SRV	SHS4 PROCESSED MEAT (servings)
MEAT_SRV	SHS4 MEAT (servings)
PCTTRANS	SHS4 TRANS FAT (%)
FISH_GRAMS	SHS4 FISH (gms)
N3FA	SHS4 n-3 FA (gms)
PCTPOLY	SHS4 POLYUNSATURATED FAT (%)
DESSERT_GRAMS	SHS4 DESSERT (gms)
SODIUM_DECILE	SHS4 SODIUM DECILES
DRINKS	SHS4 NUMBER OF DRINKS
AHEI SCORE AND COMPONENTS	
AHEIVEG	SHS4 AHEI COMPONENT: VEGETABLES
AHEIFRUIT	SHS4 AHEI COMPONENT: FRUIT
AHEIWHOLEGRAINS	SHS4 AHEI COMPONENT: WHOLE GRAINS
AHEISSB	SHS4 AHEI COMPONENT: SUGAR-SWEETENED BEVERAGES
AHEILEGUMES	SHS4 AHEI COMPONENT: LEGUMES

Phase 4 Derived Diet Score Variables

VARIABLE	LABEL
AHEIMEAT	SHS4 AHEI COMPONENT: MEAT
AHEITRANS	SHS4 AHEI COMPONENT: TRANS FAT
AHEIN3FA	SHS4 AHEI COMPONENT: n-3 FA
AHEIPOLY	SHS4 AHEI COMPONENT: POLYUNSATURATED FAT
AHEINA	SHS4 AHEI COMPONENT: SODIUM
AHEIALC	SHS4 AHEI COMPONENT: ALCOHOL
AHEI	SHS4 ALTERNATIVE HEALTHY EATING INDEX (AHEI)
AHEI_NOALC	SHS4 ALTERNATIVE HEALTHY EATING INDEX (AHEI) WITHOUT ALCOHOL COMPONENT
NETTLETON SCORE AND COMPONENTS	
WHOLEGRAINS_NSORE	SHS4 NETTLETON SCORE: WHOLE GRAINS
WHOLEFRUIT_GRAMS_NSORE	SHS4 NETTLETON SCORE: WHOLE FRUIT
VEG_GRAMS_NSORE	SHS4 NETTLETON SCORE: VEGETABLES
NUTS_GRAMS_NSORE	SHS4 NETTLETON SCORE: NUTS
FISH_GRAMS_NSORE	SHS4 NETTLETON SCORE: FISH
MEAT_GRAMS_NSORE	SHS4 NETTLETON SCORE: MEAT
DESSERT_GRAMS_NSORE	SHS4 NETTLETON SCORE: DESSERT
SSB_GRAMS_NSORE	SHS4 NETTLETON SCORE: SUGAR-SWEETENED BEVERAGES
POTATO_GRAMS_NSORE	SHS4 NETTLETON SCORE: FRIED POTATOES
NETTLETON_SCORE	SHS4 NETTLETON SCORE

Phase 4 Derived Variables

VARIABLE	LABEL
IDNO	ID NUMBER
FAMID	SHS FAMILY STUDY ID NUMBER
S4EXDATE	SHS4 EXAM DATE
S4AGE	SHS4 AGE
S4ADADM	SHS4 DIABETES STATUS ACCORDING TO 1997 ADA CRITERIA
S4ADADMD	SHS4 DURATION (YEARS) OF DIABETES ACCORDING TO 1997 ADA CRITERIA
S4DMTX	SHS4 DIABETES TREATMENT
S4SBP	SHS4 SYSTOLIC BLOOD PRESSURE (mmHg)
S4DBP	SHS4 DIASTOLIC BLOOD PRESSURE (mmHg)
S4MBP	SHS4 MEAN ARTERIAL PRESSURE (mmHg)
S4USHTN	SHS4 HYPERTENSION BY US DEFINITION
S4HTNRX	SHS4 HYPERTENSION TREATMENT
S4ACR	SHS4 ALBUMINURIA
S4UACR	SHS4 URINARY ALBUMIN/CREATININE RATIO (mg/g)
S4LACR	SHS4 NATURAL LOG OF URINARY ALBUMIN/CREATININE RATIO
S4CCR	SHS4 COCKROFT-GAULT CREATININE CLEARANCE (mL/min)
S4GFRM2	SHS4 GLOMERULAR FILTRATION RATE (mL/min/1.73 ²) - (MDRD with 175 constant)
S4P_CREA_CAL	SHS4 RECALIBRATED PLASMA CREATININE (mg/dL)
S4GFR_MC	SHS4 GLOMERULAR FILTRATION RATE (mL/min/1.73 ^{**2}) - (MDRD with 175 constant and recalibrated creatinine)
S4GFR_EPIC	SHS4 GLOMERULAR FILTRATION RATE (mL/min/1.73 ^{**2}) - (CKD-EPI and recalibrated creatinine)
S4RT_AAR	SHS4 RIGHT ANKLE-ARM RATIO
S4LT_AAR	SHS4 LEFT ANKLE-ARM RATIO
S4PP	SHS4 PULSE PRESSURE (mm/Hg)
S4BMI	SHS4 BODY MASS INDEX (kg/m ²)
S4WHR	SHS4 WAIST HIP RATIO
S4BDFAT	SHS4 %BODY FAT - (RJL CALCULATION)
S4SMOKE	SHS4 Smoke cigarettes
S4SMKD	SHS4 SMOKING DURATION IN YEARS
S4PPY	SHS4 SMOKING PACKS PER YEAR
S4ETOH	SHS4 ALCOHOL DRINKING STATUS
S4MENO	SHS4 POSTMENOPAUSAL
S4ESTRO	SHS4 ESTROGEN USE

Phase 4 Derived Variables

VARIABLE	LABEL
S4HOMAIR	SHS4 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	

DEMOGRAPHIC INFORMATION

Variable name: INT14_5
SAS label: GENDER
Question: Q2: Gender
Note: None

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

Variable name: INT14_6
SAS label: DATE OF BIRTH
Question: Q3: Date of Birth
Note: None

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

Personal Interview Form I

Variable name: INT14_7
SAS label: MARITAL HISTORY
Question: Q4: What is your marital status?
Note: None

Code or Value	Value description	Skip to item
1	Never married	
2	Currently married	
3	Divorced	
4	Separated	
5	Widowed	
6	Adult roommate/partner/ significant other	
.	Missing	

Variable name: HOSP4A
SAS label: HOSPITAL A
Question: Q7a: 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_1
SAS label: CHART NUMBER 1
Question: Q7a: 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_1
SAS label: IHS HOSPITAL
Question: Q7a: IHS
Note: None

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

Variable name: INT14_14
SAS label: HOSPITAL CODE
Question: Q7a: 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: HOSP4B
SAS label: HOSPITAL B
Question: Q7b: Hospital
Note: None

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

Personal Interview Form I

Variable name: IHSNO4_2
SAS label: CHART NUMBER 2
Question: Q7b: 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: IHS4_2
SAS label: IHS HOSPITAL
Question: Q7b: IHS
Note: None

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

Variable name: INT14_16
SAS label: HOSPITAL CODE
Question: Q7b: 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: HOSP4C
SAS label: HOSPITAL C
Question: Q7c: Hospital
Note: None

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

Variable name: IHSNO4_3
SAS label: CHART NUMBER 3
Question: Q7c: 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: IHS4_3
SAS label: IHS HOSPITAL
Question: Q7c: IHS
Note: None

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

Personal Interview Form I

Variable name: INT14_18
SAS label: HOSPITAL CODE
Question: Q7c: 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: HOSP4D
SAS label: HOSPITAL D
Question: Q7d: Hospital
Note: None

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

Variable name: IHSNO4_4
SAS label: CHART NUMBER 4
Question: Q7d: 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_4
SAS label: IHS HOSPITAL
Question: Q7d: Hospital
Note: None

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

Variable name: INT14_20
SAS label: HOSPITAL CODE
Question: Q7d: 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: INT14_35
SAS label: YEARS OF EDUCATION
Question: Q12: How many years of education have you completed?
Note: None

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

Personal Interview Form I

Variable name: INT14_41
SAS label: IF NOT AMERICAN INDIAN, WHAT ETHNICITY
Question: Q16: If you are not American Indian, what ethnicity are you?
Note: None

Code or Value	Value description	Skip to item
1	White, non-Hispanic	
2	White, Hispanic	
3	Black, not Hispanic origin	
4	Asian or Pacific Islander	
5	Other, please specify	
.	Missing	

Variable name: INT14_42
SAS label: SPECIFY OTHER
Question: Q16: Other, please specify
Note: None

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

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: INT24_1
SAS label: SATISFIED WITH YOUR PRESENT WEIGHT
Question: Q1: Are you satisfied with your present weight?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q4 (INT42_11)
2	No	
9	Unknown/unsure	
.	Missing	

Variable name: INT24_2
SAS label: LOSE OR GAIN WEIGHT
Question: Q2: 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: INT24_3
SAS label: WEIGHT LOSS: EATING
Question: Q3a: 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: INT24_4
SAS label: WEIGHT LOSS: PHYSICAL ACTIVITY
Question: Q3b: 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: INT24_5
SAS label: WEIGHT LOSS: MEDICATION
Question: Q3c: How do you plan to do this? Medication
Note: None

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

Personal Interview Form II

Variable name: INT24_6
SAS label: WEIGHT LOSS: OTHER
Question: Q3d: How do you plan to do this? Other
Note: None

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

Variable name: INT24_7
SAS label: WEIGHT LOSS: OTHER SPECIFY
Question: Q3d: How do you plan to do this? Other, specify
Note: None

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

FAMILY INCOME

Variable name: INT24_11
SAS label: HOUSEHOLD INCOME MEET FAMILY NEEDS
Question: Q4: 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	

Personal Interview Form II

Variable name: INT24_12
SAS label: GOING TO SCHOOL
Question: Q5: Are you going to school?
Note: None

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

Variable name: INT24_26
SAS label: WORK HOURS PER WEEK
Question: Q6: 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	

Personal Interview Form II

Variable name: INT24_27
SAS label: ANNUAL HOUSEHOLD INCOME
Question: Q7: Which of the following categories bests describes your annual household income from all sources?
Note: None

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

TOBACCO

Variable name: INT24_28
SAS label: SMOKE >100 CIGARETTES
Question: Q8: 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 Q16 (INT42_59)
.	Missing	

Personal Interview Form II

Variable name: INT24_29
SAS label: HOW OLD FIRST STARTED
Question: Q9: How old were you when first started smoking regularly?
Note: 0 = Never smoked regularly

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

Variable name: INT24_51
SAS label: QUIT SMOKING
Question: Q10: Did you quit smoking?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q11 (INT42_31)
.	Missing	

Variable name: INT24_52
SAS label: IF QUIT: LAST SMOKE (YEAR)
Question: Q10a: If you quit, when did you last smoke?
Note: Provide the year

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

Personal Interview Form II

Variable name: INT24_53
SAS label: REASON FOR QUITTING: DOCTOR'S ADVICE
Question: Q10bi: What reasons(s) did you have for quitting? Doctor's advice
Note: Please check all that apply

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

Variable name: INT24_54
SAS label: REASON FOR QUITTING: HEALTH CONCERNS
Question: Q10bii: What reason(s) did you have for quitting? Health concerns
Note: Please check all that apply

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

Variable name: INT24_55
SAS label: REASON FOR QUITTING: EXPENSES
Question: Q10biii: What reason(s) did you have for quitting? Expenses
Note: Please check all that apply

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

Personal Interview Form II

Variable name: INT24_56
SAS label: REASON FOR QUITTING: PER FAMILY PRESSURE
Question: Q10biv: What reason(s) did you have for quitting? Family pressure
Note: Please check all that apply

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

Variable name: INT24_57
SAS label: REASON FOR QUITTING: PEER PRESSURE
Question: Q10bv: What reason(s) did you have for quitting? Peer pressure
Note: Please check all that apply

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

Variable name: INT24_58
SAS label: REASON FOR QUITTING: OTHER
Question: Q10bvi: What reason(s) did you have for quitting? Other
Note: Please check all that apply

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

Personal Interview Form II

Variable name: INT2458A
SAS label: REASON FOR QUITTING: OTHER SPECIFY
Question: Q10bvi: What reason(s) did you have for quitting? Other, specify
Note: Please 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: INT24_31
SAS label: # OF CIGARETTES PER DAY
Question: Q11: On the average, how many cigarettes do/did 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: INT24_32
SAS label: # OF CIGARETTES PER MONTH
Question: Q11a: 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: INT24_33
SAS label: OCCASION TO SMOKE: STRESS
Question: Q12a: On which occasions are/were you most likely to smoke, or increase your smoking? Stressful times
Note: Check the appropriate response

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

Variable name: INT24_34
SAS label: OCCASION TO SMOKE: CASINOS
Question: Q12b: On which occasions are/were you most likely to smoke, or increase your smoking? Casinos
Note: Check the appropriate response

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

Variable name: INT24_35
SAS label: OCCASION TO SMOKE: WAKES/ FUNERALS
Question: Q12c: On which occasions are/were you most likely to smoke, or increase your smoking? Wakes/funerals
Note: Check the appropriate response

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

Variable name: INT24_36
SAS label: OCCASION TO SMOKE: WHEN DRINKING ALCOHOL
Question: Q12d: On which occasions are/were you most likely to smoke, or increase your smoking? When drinking alcohol
Note: Check the appropriate response

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

Variable name: INT24_37
SAS label: OCCASION TO SMOKE: SOCIAL MEETINGS
Question: Q12e: On which occasions are/were you most likely to smoke, or increase your smoking? Social meetings
Note: Check the appropriate response

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

Variable name: INT24_38
SAS label: OCCASION TO SMOKE: WHEN YOU HAVE EXTRA MONEY
Question: Q12f: On which occasions are/were you most likely to smoke, or increase your smoking? When you have extra money
Note: Check the appropriate response

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

Personal Interview Form II

Variable name: INT24_39
SAS label: OCCASION TO SMOKE: BINGO
Question: Q12g: On which occasions are/were you most likely to smoke, or increase your smoking? Bingo
Note: Check the appropriate response

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

Variable name: INT24_40
SAS label: OCCASION TO SMOKE: SCHOOL
Question: Q12h: On which occasions are/were you most likely to smoke, or increase your smoking? School
Note: Check the appropriate response

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

Variable name: INT24_41
SAS label: OCCASION TO SMOKE: OTHER,
Question: Q12i: On which occasions are/were you most likely to smoke, or increase your smoking? Other
Note: Check the appropriate response

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

Personal Interview Form II

Variable name: INT24_42
SAS label: OCCASION TO SMOKE: OTHER SPECIFY
Question: Q12i: On which occasions are/were you most likely to smoke, or increase your smoking? Other, specify
Note: Check the appropriate response

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

Variable name: INT24_43
SAS label: WHEN INCREASED HOW MANY CIGARETTES DO YOU SMOKE
Question: Q13: On the occasions that your smoking increased, how many total cigarettes do/did you smoke per day?
Note: None

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

Variable name: INT24_30
SAS label: DO YOU SMOKE CIGARETTES NOW
Question: Q14: Do you smoke cigarettes now?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q16 (INT42_59)
.	Missing	

Personal Interview Form II

Variable name: INT24_44
SAS label: CHANGE YOUR SMOKING HABIT
Question: Q15: If you currently smoke, would you like to change your smoking habit?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q16 (INT42_59)
.	Missing	

Variable name: INT24_45
SAS label: IF YES, PREFER TO: REDUCE # OF CIGARETTE
Question: Q15ai: If yes, would you prefer to reduce number of cigarettes per day?
Note: None

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

Variable name: INT24_46
SAS label: IF YES, PREFER TO: SWITCH TO LOWER TAR
Question: Q15aii: If yes, would you prefer to switch to lower “tar” or “nicotine” cigarettes?
Note: None

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

Personal Interview Form II

Variable name: INT24_47
SAS label: IF YES, PREFER TO: USE NICOTINE PATCH/CHEWING GUM
Question: Q15aiii: If yes, would you prefer to use nicotine patch/chewing gum /medications?
Note: None

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

Variable name: INT24_48
SAS label: IF YES, PREFER TO: QUIT
Question: Q15aiv: If yes, would you prefer to quit?
Note: None

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

Variable name: INT24_49
SAS label: IF YES, PREFER TO: OTHER
Question: Q15av: If yes, would you prefer other?
Note: None

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

Personal Interview Form II

Variable name: INT24_50
SAS label: IF YES, PREFER TO: OTHER SPECIFY
Question: Q15av: If yes, would you prefer 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: INT24_59
SAS label: CHEWING TOBACCO/SNUFF
Question: Q16: Do you use chewing tobacco/snuff now?
Note: None

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

Variable name: INT2459A
SAS label: HOW MANY TIMES/DAY USING CHEWING TOBACCO/SNUFF
Question: Q17: If yes, how many times a day do you use it?
Note: 0 = less than once a day or use sporadically

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

PASSIVE SMOKING

Variable name: INT24_60
SAS label: FATHER EVER SMOKED CIGARETTES
Question: Q18: When you were growing up, did your father or male guardian ever smoke cigarettes regularly?
Note: None

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

Variable name: INT24_61
SAS label: MOTHER EVER SMOKED CIGARETTES
Question: Q19: When you were growing up, did your mother or female guardian ever smoke cigarettes regularly?
Note: None

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

Personal Interview Form II

Variable name: INT24_62
SAS label: SOMEONE YOU SPENT A LOT TIME WITH SMOKED CIGARETTES
Question: Q20: When you were growing up, did someone you spent a lot of time with smoke cigarettes regularly?
Note: None

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

Variable name: INT24_63
SAS label: HOURS EXPOSED TO THE SMOKE OF OTHERS/ DAY
Question: Q21: Whether or not you smoke, on the average, how many hours a day are you exposed to the smoke of others?
Note: 0 = less than 30 minutes (including none)

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

ALCOHOL

Drinking habits

Drink equivalent

One whole 12 ounces can of beer	1 drink
A whole six-pack of beer	6 drinks
One case of beer	24 drinks
One quart of beer	2.5 drinks
One pint of beer	1.3 drinks
One 40 ounces of beer	3.3 drinks
A glass (4 ounces) of wine	1 drink
One pint (16 ounces) of wine	4 drinks
One quart (32 ounces) of wine	8 drinks
A shot or gulp of straight hard liquor, like whiskey	1 drink
One pint (16 ounces) of hard liquor	12 drinks
One quart (32 ounces) of hard liquor	24 drinks
A full glass of a mixed drink, like everclear in punch	1 drink

Variable name: INT24_64
SAS label: EVER CONSUMED ALCOHOLIC BEVERAGES
Question: Q22: Have you ever consumed alcoholic beverages?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q29 (INT42_75)
.	Missing	

Personal Interview Form II

Variable name: INT24_65
SAS label: WHEN WAS YOUR LAST DRINK
Question: Q22a: If yes, when was your last drink?
Note: Choose only one

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 Q29 (INT42_75)
.	Missing	

Variable name: INT24_66
SAS label: # OF MONTHS AGO
Question: Q22a: Number of months
Note: None

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

Personal Interview Form II

Variable name: INT24_67
SAS label: TOTAL # OF DRINKS IN A TYPICAL WEEK
Question: Q23: 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	

Variable name: INT24_68
SAS label: # DAYS PER MONTH HAVE AT LEAST ONE DRINK
Question: Q24: 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: INT24_69
SAS label: AVERAGE # OF DRINKS ON DAYS WHEN YOU DO DRINK
Question: Q25: On the days when you drink any liquor, beer or wine, about how many drinks do you have, on average?
Note: Indicate number of drinks per day

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

Personal Interview Form II

Variable name: INT24_70
SAS label: WHEN MORE THAN USUAL, HOW MANY DRINKS
Question: Q26: When you drink more than your usual amount, how many total drinks do you have?
Note: None

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

Variable name: INT24_71
SAS label: HOW MANY TIMES IN A MONTH
Question: Q26a: How many times in a month?
Note: None

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

Variable name: INT24_73
SAS label: PAST MONTH >=5 DRINKS
Question: Q27: How many times during the PAST MONTH did you have 5 or more drinks on an occasion?
Note: Indicate times per month. 0 = quit drinking more than one month ago

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

Variable name: INT24_74
SAS label: PAST YEAR >= 5 DRINKS
Question: Q28: How many times during the PAST YEAR did you have 5 or more drinks on an occasion?
Note: None

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

PERCEIVED STRESS

In the past month, how often have you:

Variable name: INT24_75
SAS label: UPSET BECAUSE SOMETHING HAPPENED UNEXPECTEDLY
Question: Q29: Been upset because of something that happened unexpectedly?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Rarely	
3	Sometimes	
4	Often	
5	Most of the time	
9	Not sure	
.	Missing	

Personal Interview Form II

Variable name: INT24_76
SAS label: FELT NERVOUS OR 'STRESSED'
Question: Q30: Felt nervous or "stressed"
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Rarely	
3	Sometimes	
4	Often	
5	Most of the time	
9	Not sure	
.	Missing	

Variable name: INT24_77
SAS label: DEALT WITH IRRITATING LIFE HASSLES
Question: Q31: Dealt with irritating life hassles?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Rarely	
3	Sometimes	
4	Often	
5	Most of the time	
9	Not sure	
.	Missing	

Personal Interview Form II

Variable name: INT24_78
SAS label: FELT THINGS WERE GOING YOUR WAY
Question: Q32: Felt that things were going your way?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Rarely	
3	Sometimes	
4	Often	
5	Most of the time	
9	Not sure	
.	Missing	

Variable name: INT24_79
SAS label: FELT UNABLE TO CONTROL IRRITATIONS
Question: Q33: Felt unable to control irritations in your life?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Rarely	
3	Sometimes	
4	Often	
5	Most of the time	
9	Not sure	
.	Missing	

Personal Interview Form II

Variable name: INT24_80
SAS label: FELT ON THE TOP OF THINGS
Question: Q34: Felt that you were on top of things?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Rarely	
3	Sometimes	
4	Often	
5	Most of the time	
9	Not sure	
.	Missing	

Variable name: INT24_81
SAS label: FELT DIFFICULTIES/PROBLEMS PILING UP
Question: Q35: Felt difficulties or problems were piling up so high that you could not handle them?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	Rarely	
3	Sometimes	
4	Often	
5	Most of the time	
9	Not sure	
.	Missing	

Variable name: INT24_82
SAS label: HOW MUCH TIME WATCHING TV
Question: Q36: On the average, how much time per day do you watch TV?
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: INT24_83
SAS label: HOW RELIABLE OF THE QUESTIONNAIRE
Question: Q37: 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: Q38: 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	

Personal Interview Form II

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q39: 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: Q40: 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

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: MED4_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: MED4_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 actual age

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

Medical History

Variable name: MED4_3
SAS label: ARTHRITIS
Question: Q2: Arthritis?
Note: None

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

Variable name: MED4_4
SAS label: FRACTURE ASSOCIATED W/OSTEOPOROSIS
Question: Q3: Any fractures associated with brittle bone disease or osteoporosis?
Note: None

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

Variable name: MED4_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

Variable name: MED4_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/unsure	
.	Missing	

Variable name: MED4_6
SAS label: GALLSTONES
Question: Q5: Gallstones?
Note: None

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

Variable name: MED4_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/unsure	
.	Missing	

Medical History

Variable name: MED4_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: MED4_8
SAS label: DIABETES (DM)
Question: Q7: Diabetes?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q8 (MED4_17)
3	Only during pregnancy	
9	Unknown	Skip to Q8 (MED4_17)
.	Missing	

Variable name: MED4_10
SAS label: DM AGE OF DIAGNOSIS
Question: Q7a: 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	

Medical History

Variable name: MED4_11
SAS label: DM TREATMENT: INSULIN
Question: Q7bi: What type of treatment are you taking for your diabetes?
Insulin
Note: None

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

Variable name: MED4_12
SAS label: DM TREATMENT: ORAL HYPOGLYCEMIC
Question: Q7bii: What type of treatment are you taking for your diabetes?
Oral hypoglycemic agent
Note: None

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

Variable name: MED4_13
SAS label: DM TREATMENT: BY DIETARY CONTROL
Question: Q7biii: What type of treatment are you taking for your diabetes?
By dietary control
Note: None

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

Medical History

Variable name: MED4_14
SAS label: DM TREATMENT: BY EXERCISE
Question: Q7biv: What type of treatment are you taking for your diabetes?
By exercise
Note: None

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

Variable name: MED4_15
SAS label: DM TREATMENT: DO NOTHING
Question: Q7bv: What type of treatment are you taking for your diabetes?
Do nothing
Note: None

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

Variable name: MED4_16
SAS label: DM TREATMENT: OTHER
Question: Q7bvi: What type of treatment are you taking for your diabetes?
Other
Note: None

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

Medical History

Variable name: MED4_16A
SAS label: DM TREATMENT: OTHER, SPECIFY
Question: Q7bvi: What type of treatment are you taking for your diabetes?
 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: MED4_17
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	Skip to Q11 (MED4_24)
9	Unknown/unsure	Skip to Q11 (MED4_24)
.	Missing	

Variable name: MED4_18
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/unsure	
.	Missing	

Medical History

Variable name: MED4_19
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 actual age

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

Variable name: MED4_20
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	
.	Missing	

Variable name: MED4_21
SAS label: KIDNEY TRANSPLANT
Question: Q10: Have you ever had a kidney transplant?
Note: None

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

Medical History

Variable name: MED4_22
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: MED4_23
SAS label: KIDNEY TRANSPLANT WAITING FOR KIDNEY TRANSPLANT
Question: Q10b: If no, are you waiting for a kidney transplant?
Note: None

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

Variable name: MED4_24
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/unsure	
.	Missing	

HEART PROBLEMS

Variable name: MED4_29
SAS label: HEART CATHETERIZATION
Question: Q12: Have you had a heart catheterization?
Note: None

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

Variable name: MED4_29D
SAS label: HEART CATH DATE
Question: Q12a: If yes, when and where (most recent)?
Note: None

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

Variable name: MED4_29P
SAS label: HEART CATH HOSPITAL/CLINIC
Question: Q12a: 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

Variable name: MED4_30
SAS label: ANGIOPLASTY
Question: Q13: Have you ever had an angioplasty (balloon, PCTA, or Stent procedure)?
Note: None

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

Variable name: MED4_30D
SAS label: ANGIOPLASTY DATE
Question: Q13a: If yes, when and where (most recent)?
Note: None

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

Variable name: MED4_30P
SAS label: ANGIOPLASTY 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

Variable name: MED4_31
SAS label: EXERCISE TEST/TREADMILL
Question: Q14: Have you ever had a diagnostic exercise test or Chemical Stress test to check your heart?
Note: None

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

Variable name: MED4_31D
SAS label: EXERCISE TEST DATE
Question: Q14a: 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: MED4_31P
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	

Medical History

Has the doctor ever told you that you had any of the following conditions (enter information for the MOST RECENT)?

Variable name: MED4_32
SAS label: CONGESTIVE HEART FAILURE
Question: Q15: Congestive heart failure
Note: None

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

Variable name: MED4_32D
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: MED4_32P
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

Variable name: MED4_32N
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/unsure	
.	Missing	

Variable name: MED4_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/unsure	
.	Missing	

Variable name: MED4_33D
SAS label: HEART ATTACK DATE
Question: Q16a: If yes, when and where?
Note: None

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

Medical History

Variable name: MED4_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: MED4_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/unsure	
.	Missing	

Variable name: MED4_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		

Medical History

Variable name: MED4_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: MED4_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: MED4_35
SAS label: STROKE
Question: Q18: Stroke?
Note: None

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

Medical History

Variable name: MED4_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: MED4_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	

Variable name: MED4_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 (MED_STAT)
.	Missing	

Medical History

Variable name: MED4_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 (MED_STAT)
.	Missing	

Variable name: MED4_38
SAS label: BYPASS
Question: Q19ai: If yes, which have you had? Bypass?
Note: None

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

Variable name: MED4_38D
SAS label: BYPASS DATE
Question: Q19ai: If yes, when and where (most recent)?
Note: None

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

Medical History

Variable name: MED4_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: MED4_39
SAS label: VALVULAR REPAIR/REPLACEMENT
Question: Q19aai: Valvular repair/replacement?
Note: None

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

Variable name: MED4_39D
SAS label: VALVULAR REPAIR/REPLACE DATE
Question: Q19aai: If yes, when and where (most recent)?
Note: None

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

Medical History

Variable name: MED4_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		

Variable name: MED4_40
SAS label: PACEMAKER
Question: Q19aiii: Pacemaker?
Note: None

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

Variable name: MED4_40D
SAS label: PACEMAKER DATE
Question: Q19aiii: If yes, when and where (most recent)?
Note: None

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

Variable name: MED4_40P
SAS label: PACEMAKER HOSPITAL/CLINIC
Question: Q19aiii: Hospital/clinic
Note: None

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

Medical History

Variable name: MED4_41
SAS label: OTHER HEART SURGERY
Question: Q19aiv: Other?
Note: None

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

Variable name: MED4_41A
SAS label: SPECIFY OTHER HEART SURGERY
Question: Q19avi: Please specify
Note: None

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

Variable name: MED4_41D
SAS label: OTHER HEART SURGERY DATE
Question: Q19avi: If yes, when and where (most recent)?
Note: None

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

Medical History

Variable name: MED4_41P
SAS label: OTHER HEART SURGERY HOSPITAL/CLINIC
Question: Q19avi: Hospital/clinic
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: MED_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q20: Did the participant complete the interview?
Note: None

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

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

Code or Value	Value description	Skip to item
1	Yes	Go to REPRODUCTION Questionnaire
2	No	Go to ROSE Questionnaire

Medical History

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q21: 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: Q22: 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 (Women Only)

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: REP4_1
SAS label: NUMBER OF PREGNANCY (GRAVIDITY)
Question: Q1: How many times have you been pregnant (gravidity)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	If never pregnant, skip to Q5 (REP4_5)

Variable name: REP4_2
SAS label: NUMBER OF LIVE BIRTHS (PARITY)
Question: Q2: How many of your pregnancies resulted in a live birth (parity)?
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_3
SAS label: NUMBER OF LIVING CHILDREN
Question: Q3: How many living children to you have?
Note: None

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

Variable name: REP4_4
SAS label: NUMBER OF LOST PREGNANCIES
Question: Q4: How many pregnancies did you lose (including miscarriage and stillbirth)?
Note: None

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

Variable name: REP4_5
SAS label: USED BIRTH CONTROL PILLS
Question: Q5: Have you ever used birth control pills?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q6 (REP4_9)
3	Unknown/unsure	Skip to Q6 (REP4_9)
.	Missing	

Reproduction and Hormone Use (Women Only)

Variable name: REP4_6
SAS label: STILL USE BIRTH CONTROL PILLS
Question: Q5a: Are you still using birth control pills?
Note: None

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

Variable name: REP4_7
SAS label: AGE STARTED TO USE BIRTH CONTROL PILLS
Question: Q5b: How old were you when you started to use birth control pills?
Note: Indicate the age in years

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

Variable name: REP4_8
SAS label: YEARS USED BIRTH CONTROL PILLS
Question: Q5c: How many years altogether did you use them?
Note: Specify the duration in years. 0 = less than 6 months, 1 = 6-12 months

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_9
SAS label: USED BIRTH CONTROL IMPLANT
Question: Q6: Have you ever had a birth control implant (such as Norplant)?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q7 (REP5_42)
3	Unknown/unsure	Skip to Q7 (REP5_42)
.	Missing	

Variable name: REP4_10
SAS label: STILL USE BIRTH CONTROL IMPLANT
Question: Q6a: Are you still using a birth control implant?
Note: None

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

Variable name: REP4_11
SAS label: AGE STARTED TO USE BIRTH CONTROL IMPLANT
Question: Q6b: How old were you when you started to use a birth control implant?
Note: Indicate the age in years

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_12
SAS label: YEARS USED BIRTH CONTROL IMPLANT
Question: Q6c: How many years altogether did you use it?
Note: Specify the duration in years. 0 = less than 6 months, 1 = 6-12 months

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

Variable name: REP4_42
SAS label: EVER USED BIRTH CONTROL SHOTS
Question: Q7: Have you ever used birth control shots (such as Depo Provera)?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q8 (REP4_13)
3	Unknown/unsure	Skip to Q8 (REP4_13)
.	Missing	

Variable name: REP4_42A
SAS label: STILL USE BIRTH CONTROL SHOTS
Question: Q7a: Are you still using birth control shots?
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_42B
SAS label: AGE STARTED TO USE BIRTH CONTROL SHOTS
Question: Q7b: How old were you when you started to use birth control shots?
Note: Indicate the age in years.

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

Variable name: REP4_42C
SAS label: YEARS USED BIRTH CONTROL SHOTS
Question: Q7c: How many years altogether did you use them?
Note: Specify the duration in years. 0 = less than 6 months. 1 = 6-12 months

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

Variable name: REP4_13
SAS label: AGE STARTED TO HAVE MENSTRUAL CYCLES
Question: Q8: How old were you when you started to have regular menstrual cycles (periods)?
Note: Indicate the age in years

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_14
SAS label: STOPPED MENSTRUATING
Question: Q9: Have you menstrual cycles (periods) stopped?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q11 (REP4_19)
.	Missing	

Variable name: REP4_15
SAS label: STOPPED MENSTRUATING ONE YEAR AGO
Question: Q10: If yes, have they stopped for 12 months or more?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q11 (REP4_19)
.	Missing	

Variable name: REP4_16
SAS label: AGE AT MENOPAUSE
Question: Q10a: How old were you when your periods stopped completely?
Note: Indicate the age in years

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_17
SAS label: MENOPAUSE NATURAL, SURGERY/HORMONE OR OTHER
Question: Q10b: Did you periods stop naturally, or because of surgery or hormone use, or for some other reason?
Note: None

Code or Value	Value description	Skip to item
1	Natural	Skip to Q11 (REP4_19)
2	Surgery	
3	Hormonal	Skip to Q11 (REP4_19)
4	Other, specify	Skip to Q11 (REP4_19)
.	Missing	Skip to Q11 (REP4_19)

Variable name: REP4_17A
SAS label: MENOPAUSE SPECIFY OTHER
Question: Q10b: Did you periods stop naturally, or because of surgery or hormone use, or for some other reason? Specify other
Note: None

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

Variable name: REP4_18
SAS label: REMOVED OVARIES
Question: Q10c: If surgery, were both of your ovaries removed?
Note: None

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

Reproduction and Hormone Use (Women Only)

ESTROGEN and PROGESTERONE are types of female hormones that may be taken for many reasons, including after a hysterectomy or menopause, to regulate your periods or for other reasons.

Variable name: REP4_19
SAS label: USED ESTROGEN
Question: Q11: 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 Q19 (REP4_38)
3	Unknown/unsure	Skip to Q19 (REP4_38)
.	Missing	

Variable name: REP4_20
SAS label: AGE STARTED ESTROGEN
Question: Q12: How old were you when you started using estrogen?
Note: Indicate age in years

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

Variable name: REP4_21
SAS label: YEARS USED ESTROGEN
Question: Q13: How many years altogether did you take estrogen?
Note: Specify duration in years. 0 = less than 3 months, 1 = 3 months to less than 1 year

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_22
SAS label: ESTROGEN USE: POST SURGERY
Question: Q14a: Do/did you use estrogen for post surgery (hysterectomy and removal of ovaries)?
Note: None

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

Variable name: REP4_23
SAS label: ESTROGEN USE: RELIEF OF MENOPAUSE
Question: Q14b: Do/did you use estrogen for relief of menopause symptoms?
Note: None

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

Variable name: REP4_24
SAS label: ESTROGEN USE: PREVENT BONE LOSS
Question: Q14c: Do/did you use estrogen to prevent bone loss?
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_25
SAS label: ESTROGEN USE: PROTECT HEART DISEASE
Question: Q14d: Do/did you use estrogen to protect against heart disease?
Note: None

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

Variable name: REP4_26
SAS label: ESTROGEN USE: DOCTOR'S ADVICE
Question: Q1e: Do/did you use estrogen from doctor's advice?
Note: None

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

Variable name: REP4_26A
SAS label: ESTROGEN USE: OTHER REASON
Question: Q14f: Do/did you use estrogen for other reasons?
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_26B
SAS label: ESTROGEN USE: SPECIFY OTHER
Question: Q14f: Do/did you use estrogen for other reasons? 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: REP4_26C
SAS label: TAKE PROGESTERONE WITH ESTROGEN
Question: Q15: Do/did you take progesterone in addition to, or in combination with, your estrogen treatment?
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_27
SAS label: FORM OF ESTROGEN
Question: Q16: What form of estrogen are you taking? Is it a pill, patch, shot, or other type?
Note: None

Code or Value	Value description	Skip to item
1	Pill	
2	Patch	
3	Shot	
4	Other	
.	Missing	

Variable name: REP4_28
SAS label: STILL TAKING ESTROGEN
Question: Q17: Are you still taking estrogen?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q19 (REP4_38)
2	No	
.	Missing	

Variable name: REP4_29
SAS label: STOP ESTROGEN: CAUSED BLEEDING
Question: Q18a: Why did you stop taking estrogen? Caused bleeding
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_30
SAS label: STOP ESTROGEN: MADE BREASTS TENDER
Question: Q18b: Why did you stop taking estrogen? Made breasts tender
Note: None

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

Variable name: REP4_31
SAS label: STOP ESTROGEN: MADE ME FEEL BLOATED
Question: Q18c: Why did you stop taking estrogen? Made you feel bloated
Note: None

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

Variable name: REP4_32
SAS label: STOP ESTROGEN: MADE ME FUNNY
Question: Q18d: Why did you stop taking estrogen? Made you feel “funny”, didn’t like the way you felt?
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_33
SAS label: STOP ESTROGEN: DO NOT LIKE TAKING ANY MEDICATION
Question: Q18e: Why did you stop taking estrogen? Do not like taking any medicines
Note: None

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

Variable name: REP4_34
SAS label: STOP ESTROGEN: TOO EXPENSIVE
Question: Q18f: Why did you stop taking estrogen? Too expensive
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_35
SAS label: STOP ESTROGEN: DOCTOR'S ADVICE
Question: Q18g: Why did you stop taking estrogen? Doctor's advice
Note: None

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

Variable name: REP4_36
SAS label: STOP ESTROGEN: LONG TERM SIDE EFFECTS
Question: Q18h: Why did you stop taking estrogen? Concerned about long-term side effects
Note: None

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

Variable name: REP4_37
SAS label: STOP ESTROGEN: OTHER
Question: Q18i: Why did you stop taking estrogen? Other
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_37A
SAS label: STOP ESTROGEN: SPECIFY OTHER
Question: Q18i: Why did you stop taking estrogen? Other, specify
Note: None

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

Variable name: REP4_38
SAS label: TAKEN PROGESTERONE BY ITSELF
Question: Q19: Other than in combination with estrogens, have you ever taken progesterone by itself for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q23 (REP_STAT)
3	Unknown/unsure	Skip to Q23 (REP_STAT)
.	Missing	

Variable name: REP4_39
SAS label: AGE STARTED TO USE PROGESTERONE
Question: Q20: How old were you when you started using progesterone?
Note: Indicate age in years

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

Reproduction and Hormone Use (Women Only)

Variable name: REP4_40
SAS label: YEARS USED PROGESTERONE
Question: Q21: How many years altogether did you take progesterone?
Note: Specify duration in years. 0 = less than 3 months, 1 = 3 months to less than 1 year

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

Variable name: REP4_41
SAS label: STILL TAKING PROGESTERONE
Question: Q22: Are you still taking progesterone?
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: REP_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q23: Did the participant complete the interview?
Note: None

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

Reproduction and Hormone Use (Women Only)

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q24: 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: Q25: 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	

Screening for Pregnancy and Lactation (Women only)

Variable name: IDNO
SAS label: ID NUMBER
Question: SHS I.D.
Note: This form was only administered to women <50 years of age at time consent was obtained.

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

Variable name: PREG4_1
SAS label: ARE YOU PREGNANT?
Question: Q1: Are you pregnant?
Note: None

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

Variable name: PREG4_2
SAS label: DATE OF LAST MENSTRUAL PERIOD
Question: Q2: When was your last menstrual period?
Note: If unknown, leave blank.

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

Screening for Pregnancy and Lactation (Women only)

Variable name: PREG4_3
SAS label: DATE OF LAST PREGNANCY END
Question: Q3: When did your last pregnancy end?
Note: Never pregnant and currently pregnant were coded as missing.

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

Variable name: PREG4_4
SAS label: CURRENTLY BREAST FEEDING
Question: Q4: Are you now breast-feeding?
Note: None

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

Variable name: PREG4_5
SAS label: HOW LONG HAVE YOU BEEN BREAST FEEDING (IN MONTH)
Question: Q5: If yes, how long have you been breast-feeding (in months)?
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: PR4_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Did the participant have a pregnancy and lactating form?
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: Q6: 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: Q7: Date of data collection
Note: None

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

Screening for Pregnancy and Lactation (Women only)

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: ROSE4_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 (ROSE4_10)
.	Missing	

Variable name: ROSE4_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 (ROSE4_9)
3	Never hurries or walks uphill or upstairs	
4	Unable to walk	Skip to Q9 (ROSE4_9)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE4_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: ROSE4_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	
.	Missing	

Variable name: ROSE4_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 (ROSE4_9)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE4_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 (ROSE4_9)
.	Missing	

Variable name: ROSE4_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: ROSE4_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: ROSE4_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: ROSE4_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: ROSE4_7E
SAS label: CHEST PAIN: OTHER
Question: Q7d: 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: ROSE47EA
SAS label: CHEST PAIN: SPECIFY OTHER
Question: Q7d: Will you show me where it is? Other, specify
Note: Record all areas mentioned

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

Variable name: ROSE4_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: ROSE4_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		

POSSIBLE INFARCTION

Variable name: ROSE4_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: ROSE4_10
SAS label: LEG PAIN WALKING
Question: Q10: Do you get pain in either left on walking?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q19 (RS_STAT)
3	Unable to walk	Skip to Q19 (RS_STAT)
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE4_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 (RS_STAT)
2	No	
.	Missing	

Variable name: ROSE4_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 (RS_STAT)
.	Missing	

Variable name: ROSE412A
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	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE4_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 (RS_STAT)
3	Never hurries or walks uphill	
.	Missing	

Variable name: ROSE4_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	

Variable name: ROSE4_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 (RS_STAT)
2	No	
.	Missing	

Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSE4_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 (RS_STAT)
.	Missing	

Variable name: ROSE4_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 (RS_STAT)
.	Missing	

Variable name: ROSE4_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: RS4_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 ALL or PART of the interview	
2	No, refused ALL questions	
.	Missing	

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	

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	

Rose Questionnaire for Angina and Intermittent Claudication

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	

Respiratory Questions

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: RESP4_1
SAS label: USUALLY HAVE A COUGH
Question: Q1a: Do you usually have a cough?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q3 (RESP4_7)
.	Missing	

Variable name: RESP4_2
SAS label: USUALLY COUGH 4-6 TIMES A DAY OR WEEK
Question: Q1b: Do you usually cough as much as 4 to 6 times a day, 4 or more days out of the week?
Note: None

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

Respiratory Questions

Variable name: RESP4_3
SAS label: USUALLY COUGH ON GETTING UP
Question: Q1c: Do you usually cough at all on getting up, or first thing in the morning?
Note: None

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

Variable name: RESP4_4
SAS label: USUALLY COUGH LIKE THIS FOR 3 CONSECUTIVE MONTHS
Question: Q1d: Do you usually cough like this on most days for 3 consecutive months or more during the year?
Note: None

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

Variable name: RESP4_5Y
SAS label: HOW LONG HAVE YOU HAD A COUGH (YEAR)
Question: Q1e: How long have you had this cough? Year
Note: None

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

Respiratory Questions

Variable name: RESP4_5M
SAS label: HOW LONG HAVE YOU HAD A COUGH(MONTH)
Question: Q1e: How long have you had this cough? Month
Note: None

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

Variable name: RESP4_6
SAS label: USUALLY HAVE PHLEGM FROM THE CHEST WHEN YOU COUGH
Question: Q2: Do you usually bring up phlegm from your chest when you cough?
Note: None

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

Variable name: RESP4_7
SAS label: CHEST WHEEZY OR WHISTLING: HAVE A COLD
Question: Q3a: Does your chest ever sound wheezy or whistling when you have a cold?
Note: None

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

Respiratory Questions

Variable name: RESP4_8
SAS label: CHEST WHEEZY OR WHISTLING: OCCASIONALLY APART FROM COLDS
Question: Q3b: Does your chest ever sound wheezy or whistling occasionally apart from colds?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q4 (RESP4_11)
.	Missing	

Variable name: RESP4_9
SAS label: CHEST WHEEZY OR WHISTLING: MOST DAYS
Question: Q3c: Does your chest ever sound wheezy or whistling most days?
Note: None

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

Variable name: RESP4_10
SAS label: CHEST WHEEZY OR WHISTLING: MOST NIGHTS
Question: Q3d: Does your chest ever sound wheezy or whistling most nights?
Note: None

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

Respiratory Questions

Variable name: RESP4_11
SAS label: WHEEZY MADE YOU SHORT OF BREATH
Question: Q4: Have you ever had an attack of wheezing that has made you feel short of breath?
Note: None

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

Variable name: RESP4_12
SAS label: SHORTNESS OF BREATH WHEN HURRYING
Question: Q5: Are you troubled by shortness of breath when hurrying on level ground or walking up a slight hill?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Go to Q10 (RESP4_17)
.	Missing	Go to Q10 (RESP4_17)

Variable name: RESP4_13
SAS label: WALK SLOWER DUE TO BREATHLESSNESS
Question: Q6: Do you have to walk slower on level ground than people of your age due to breathlessness?
Note: None

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

Respiratory Questions

Variable name: RESP4_14
SAS label: STOP FOR BREATH WHEN WALKING
Question: Q7: Do you ever have to stop for breath when walking at your own pace on level ground?
Note: None

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

Variable name: RESP4_15
SAS label: STOP FOR BREATH AFTER WALKING 100 YARDS
Question: Q8: Do you ever have to stop for breath after walking 100 yards (the length of a football field) or after a few minutes on level ground?
Note: None

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

Variable name: RESP4_16
SAS label: BREATHLESS TO LEAVE THE HOUSE OR AFTER DRESSING
Question: Q9: Are you too breathless to leave the house or breathless after dressing or undressing?
Note: None

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

Respiratory Questions

Variable name: RESP4_17
SAS label: LUNG TROUBLE BEFORE AGE OF 16
Question: Q10: Did you have any lung trouble before the age of 16?
Note: None

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

Variable name: RESP4_18
SAS label: BEEN TOLD YOU SNORE
Question: Q11: Have you ever been told you snore?
Note: None

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

LUNG PROBLEMS

Has a medical person ever told you that you had any of the following conditions?

Variable name: RESP4_19
SAS label: EMPHYSEMA
Question: Q12a: Emphysema?
Note: None

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

Respiratory Questions

Variable name: RESP4_20
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	

Variable name: RESP4_21
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: RESP4_22
SAS label: ASTHMA
Question: Q12d: Asthma?
Note: None

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

Respiratory Questions

Variable name: RESP4_23
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	

Variable name: RESP4_24
SAS label: HAVE WHEEZING/WHISTLING IN THE CHEST THIS YEAR
Question: Q12e: At any time during the last 12 months, have you had wheezing or whistling in your chest?
Note: None

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

ADMINISTRATIVE INFORMATION

Variable name: RES_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q13: 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	

Respiratory Questions

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q14: 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: Q15: Date of the 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	

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	

EXAMINATION OF EXTREMITIES FOR AMPUTATIONS

Variable name: EX4_9
SAS label: EXTREMITIES MISSING
Question: Q1: Are any extremities missing?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q2 (EX4_42)
.	Missing	

Variable name: EX4_10
SAS label: RIGHT ARM: MISSING
Question: Q1a: Right arm missing
Note: None

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

Physical Examination

Variable name: EX4_11
SAS label: RIGHT ARM: CAUSE
Question: Q1a: 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	

Variable name: EX4_11A
SAS label: RIGHT ARM: OTHER CAUSE
Question: Q1a: Right arm missing other cause specify
Note: None

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

Variable name: EX4_12
SAS label: RIGHT HAND: MISSING
Question: Q1b: Right hand missing
Note: None

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

Physical Examination

Variable name: EX4_13
SAS label: RIGHT HAND: CAUSE
Question: Q1b: 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	

Variable name: EX4_13A
SAS label: RIGHT HAND: OTHER CAUSE
Question: Q1b: Right hand missing other cause specify
Note: None

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

Variable name: EX4_14
SAS label: RIGHT FINGER(S): MISSING
Question: Q1c: Right finger(s) missing
Note: None

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

Physical Examination

Variable name: EX4_15
SAS label: RIGHT FINGER(S): HOW MANY
Question: Q1c: Number of Right finger(s) missing
Note: None

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

Variable name: EX4_16
SAS label: RIGHT FINGER(S): CAUSE
Question: Q1c: 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: EX4_16A
SAS label: RIGHT FINGER(S): OTHER CAUSE
Question: Q1c: Right finger(s) missing other cause specify
Note: None

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

Physical Examination

Variable name: EX4_17
SAS label: LEFT ARM: MISSING
Question: Q1d: Left arm missing
Note: None

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

Variable name: EX4_18
SAS label: LEFT ARM: CAUSE
Question: Q1d: 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: EX4_18A
SAS label: LEFT ARM: OTHER CAUSE
Question: Q1d: Left arm missing other cause specify
Note: None

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

Physical Examination

Variable name: EX4_19
SAS label: LEFT HAND: MISSING
Question: Q1e: Left hand missing
Note: None

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

Variable name: EX4_20
SAS label: LEFT HAND: CAUSE
Question: Q1e: 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: EX4_20A
SAS label: LEFT HAND: OTHER CAUSE
Question: Q1e: Left hand missing other cause specify
Note: None

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

Physical Examination

Variable name: EX4_21
SAS label: LEFT FINGER(S): MISSING
Question: Q1f: Left finger(s) missing
Note: None

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

Variable name: EX4_22
SAS label: LEFT FINGER(S): HOW MANY
Question: Q1f: How many Left finger(s) missing
Note: None

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

Variable name: EX4_23
SAS label: LEFT FINGER(S): CAUSE
Question: Q1f: 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	

Physical Examination

Variable name: EX4_23A
SAS label: LEFT FINGER(S): OTHER CAUSE
Question: Q1f: Left finger(s) missing other cause specify
Note: None

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

Variable name: EX4_24
SAS label: RIGHT LEG ABOVE KNEE: MISSING
Question: Q1g: Right leg above knee missing
Note: None

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

Variable name: EX4_25
SAS label: RIGHT LEG ABOVE KNEE: CAUSE
Question: Q1g: 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	

Physical Examination

Variable name: EX4_25A
SAS label: RIGHT LEG ABOVE KNEE: OTHER CAUSE
Question: Q1g: Right leg above knee missing other cause specify
Note: None

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

Variable name: EX4_26
SAS label: RIGHT LEG BELOW KNEE: MISSING
Question: Q1h: Right leg below knee missing
Note: None

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

Variable name: EX4_27
SAS label: RIGHT LEG BELOW KNEE: CAUSE
Question: Q1h: 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	

Physical Examination

Variable name: EX4_27A
SAS label: RIGHT LEG BELOW KNEE: OTHER CAUSE
Question: Q1h: Right leg below knee missing other cause specify
Note: None

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

Variable name: EX4_28
SAS label: RIGHT FOOT: MISSING
Question: Q1i: Right foot missing
Note: None

Code or Value	Value description	Skip to item
0	No	

Variable name: EX4_29
SAS label: RIGHT FOOT: CAUSE
Question: Q1i: 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	

Physical Examination

Variable name: EX4_29A
SAS label: RIGHT FOOT: OTHER CAUSE
Question: Q1i: Right foot missing other cause specify
Note: None

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

Variable name: EX4_30
SAS label: RIGHT TOE(S): MISSING
Question: Q1j: Right toe(s) missing
Note: None

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

Variable name: EX4_31
SAS label: RIGHT TOE(S): HOW MANY
Question: Q1j: How many Right toe(s) missing
Note: None

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

Physical Examination

Variable name: EX4_32
SAS label: RIGHT TOE(S): CAUSE
Question: Q1j: 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	

Variable name: EX4_32A
SAS label: RIGHT TOE(S): OTHER CAUSE
Question: Q1j: Right toe(s) missing other cause specify
Note: None

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

Variable name: EX4_33
SAS label: LEFT LEG ABOVE KNEE: MISSING
Question: Q1k: Left leg above knee missing
Note: None

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

Physical Examination

Variable name: EX4_34
SAS label: LEFT LEG ABOVE KNEE: CAUSE
Question: Q1k: Left 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: EX4_34A
SAS label: LEFT LEG ABOVE KNEE: OTHER CAUSE
Question: Q1k: Left leg above knee missing other cause specify
Note: None

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

Variable name: EX4_35
SAS label: LEFT LEG BELOW KNEE: MISSING
Question: Q1l: Left leg below knee missing
Note: None

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

Physical Examination

Variable name: EX4_36
SAS label: LEFT LEG BELOW KNEE: CAUSE
Question: Q1l: 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	

Variable name: EX4_36A
SAS label: LEFT LEG BELOW KNEE: OTHER CAUSE
Question: Q1l: Left leg below knee missing other cause specify
Note: None

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

Variable name: EX4_37
SAS label: LEFT FOOT: MISSING
Question: Q1m: Left foot missing
Note: None

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

Physical Examination

Variable name: EX4_38
SAS label: LEFT FOOT: CAUSE
Question: Q1m: 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	

Variable name: EX4_38A
SAS label: LEFT FOOT: OTHER CAUSE
Question: Q1m: Left foot missing other cause specify
Note: None

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

Variable name: EX4_39
SAS label: LEFT TOE(S): MISSING
Question: Q1n: Left toe(s) missing
Note: None

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

Physical Examination

Variable name: EX4_40
SAS label: LEFT TOE(S): HOW MANY
Question: Q1n: How many Left toe(s) missing
Note: None

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

Variable name: EX4_41
SAS label: LEFT TOE(S): CAUSE
Question: Q1n: 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: EX4_41A
SAS label: LEFT TOE(S): OTHER CAUSE
Question: Q1n: Left toe(s) missing other cause specify
Note: None

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

BLOOD PRESSURE

Variable name: EX4_42
SAS label: RIGHT ARM CIRCUMFERENCE (CM)
Question: Q2: Right arm circumference, measured in centimeters (cm)?
Note: Midway between acromium and olecranon

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

Variable name: EX4_43
SAS label: CUFF SIZE
Question: Q3: Cuff size (arm circumference in brackets)
Note: None

Code or Value	Value description	Skip to item
1	Pediatric (< 24cm)	
2	Regular arm (24 - 32cm)	
3	Large arm (33 - 41cm)	
4	Thigh (>41cm)	
.	Missing	

Variable name: EX4_44
SAS label: PULSE OBLITERATION PRESSURE
Question: Q4: Pulse obliteration pressure
Note: None

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

Physical Examination

Variable name: EX4_45
SAS label: SYSTOLIC: 1ST BP
Question: Q5a: First systolic blood pressure measurement
Note: None

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

Variable name: EX4_46
SAS label: DIASTOLIC: 1ST BP
Question: Q5a: First diastolic blood pressure measurement
Note: None

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

Variable name: EX4_47
SAS label: SYSTOLIC: 2ND BP
Question: Q5b: Second systolic blood pressure measurement
Note: None

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

Variable name: EX4_48
SAS label: DIASTOLIC: 2ND BP
Question: Q5b: Second diastolic blood pressure measurement
Note: None

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

Physical Examination

Variable name: EX4_49
SAS label: SYSTOLIC: 3RD BP
Question: Q5c: Third systolic blood pressure measurement
Note: None

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

Variable name: EX4_50
SAS label: DIASTOLIC: 3RD BP
Question: Q5c: Third diastolic blood pressure measurement
Note: None

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

Variable name: EX4_51
SAS label: BP NOT FROM RIGHT ARM
Question: Q6: Were the above blood pressures taken from the RIGHT arm?
Note: None

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

Physical Examination

Variable name: EX4_51A
SAS label: BP NOT FROM RIGHT ARM SPECIFY
Question: Q6: Were the above blood pressures taken from the RIGHT arm?
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: EX4_52
SAS label: RECORDER ID FOR BP MEASUREMENT
Question: Q7: Recorder ID (For the SHS staff who took BP)
Note: None

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

ANTHROPOMETRIC MEASUREMENTS

Variable name: EX4_53
SAS label: HEIGHT STANDING (CM)
Question: Q8: Height (standing in cm)
Note: None

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

Variable name: EX4_55
SAS label: WEIGHT (KG)
Question: Q9: Weight (standing in kg)
Note: None

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

Physical Examination

Variable name: EX4_57
SAS label: HIP CIRCUMFERENCE STANDING (CM)
Question: Q10: Hip circumference (standing in cm)
Note: None

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

Variable name: EX4_59
SAS label: WAIST SUPINE (CM)
Question: Q11: Waist measurement at umbilicus (supine in cm)
Note: None

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

PEDAL PULSES AND EDEMA

Variable name: EX4_61
SAS label: RIGHT POSTERIOR TIBIAL PULSE
Question: Q12: 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	

Physical Examination

Variable name: EX4_62
SAS label: RIGHT DORSALIS PEDIS PULSE
Question: Q13: Right dosalis 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: EX4_63
SAS label: LEFT POSTERIOR TIBIAL PULSE
Question: Q14: 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: EX4_64
SAS label: LEFT DORSALIS PEDIS PULSE
Question: Q15: 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	

Physical Examination

Variable name: EX4_65
SAS label: PEDAL EDEMA
Question: Q16: Pedal edema
Note: None

Code or Value	Value description	Skip to item
1	Absent	
2	Mild	
3	Marked	
.	Missing	

IMPEDANCE MEASUREMENT

Variable name: EX4_66
SAS label: IMPEDANCE TAKEN
Question: Q17a: Was impedance taken?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q17b (EX4_67)
2	No	
.	Missing	

Variable name: EX4_66A
SAS label: IMPEDANCE NOT TAKEN REASON
Question: Q17a: If no, due to:?
Note: None

Code or Value	Value description	Skip to item
1	Amputation	Skip to Q18 (EX4_70)
2	Wound/dressing	Skip to Q18 (EX4_70)
3	Cast	Skip to Q18 (EX4_70)
4	Dialysis	Skip to Q18 (EX4_70)
8	Refusal	Skip to Q18 (EX4_70)
.	Missing	Skip to Q18 (EX4_70)

Physical Examination

Variable name: EX4_67
SAS label: IMPEDANCE TAKEN ON RIGHT SIDE
Question: Q17b: Taken on the right side?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q17c (EX4_68)
2	No	
.	Missing	

Variable name: EX4_67A
SAS label: IMPEDANCE TAKEN ON LEFT SIDE REASON
Question: Q17b: If no, due to:?
Note: None

Code or Value	Value description	Skip to item
1	Amputation	
2	Wound/dressing	
3	Cast	
4	Dialysis shunt	
8	Refusal	
.	Missing	

Variable name: EX4_68
SAS label: RESISTANCE
Question: Q17c: Resistance
Note: None

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

Physical Examination

Variable name: EX4_69
SAS label: REACTANCE
Question: Q17d: 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: EX4_70
SAS label: RIGHT ARM: 1ST DOPPLER BP
Question: Q18a: Right arm first systolic B.P.
Note: None

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

Variable name: EX4_71
SAS label: RIGHT ANKLE: 1ST DOPPLER BP
Question: Q18a: Right ankle first systolic B.P.
Note: None

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

Physical Examination

Variable name: EX4_72
SAS label: LEFT ANKLE: 1ST DOPPLER BP
Question: Q18a: Left ankle first systolic B.P.
Note: None

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

Variable name: EX4_73
SAS label: RIGHT ARM: 2ND DOPPLER BP
Question: Q18b: Right arm second systolic B.P.
Note: None

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

Variable name: EX4_74
SAS label: RIGHT ANKLE: 2ND DOPPLER BP
Question: Q18b: Right ankle second systolic B.P.
Note: None

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

Variable name: EX4_75
SAS label: LEFT ANKLE: 2ND DOPPLER BP
Question: Q18b: Left ankle second systolic B.P.
Note:

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

Physical Examination

Variable name: EX4_76
SAS label: RIGHT ANKLE DOPPLER LOCATION
Question: Q18c: Right ankle Doppler location
Note: None

Code or Value	Value description	Skip to item
1	Posterior tibial	
2	Dorsalis pedis	
.	Missing	

Variable name: EX4_77
SAS label: LEFT ANKLE DOPPLER LOCATION
Question: Q18c: Left ankle Doppler location
Note: None

Code or Value	Value description	Skip to item
1	Posterior tibial	
2	Dorsalis pedis	
.	Missing	

ACANTHOSIS NIGRICANS

Variable name: EX4_78
SAS label: ACANTHOSIS NIGRICANS
Question: Q19: Acanthosis Nigricans in the back of the neck
Note: None

Code or Value	Value description	Skip to item
0	Not Present	
1	Grade 1	
2	Grade 2	
3	Grade 3	
4	Grade 4	
.	Missing	

ADMINISTRATIVE INFORMATION

Variable name: EX4_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q20: Did the participant complete this examination?
Note: None

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

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q21: 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: Q22: 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	

Psychosocial 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: PSY_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q1: Did the participant finish all of the psychosocial questionnaires?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q3 (INT_CODE)
2	No	

Variable name: PSY4_1
SAS label: DID NOT UNDERSTAND THE QUESTIONS
Question: Q2: Why were the psychosocial questionnaires not completed? Did not understand the questions
Note: None

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

Psychosocial Checklist

Variable name: PSY4_2
SAS label: DID NOT HAVE TIME TO COMPLETE
Question: Q2: Why were the psychosocial questionnaires not completed? Did not have time to complete
Note: None

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

Variable name: PSY4_3
SAS label: QUESTIONS ARE INAPPROPRIATE
Question: Q2: Why were the psychosocial questionnaires not completed? Questions are inappropriate
Note: None

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

Variable name: PSY4_4
SAS label: UNABLE TO ANSWER
Question: Q2: Why were the psychosocial questionnaires not completed? Unable to answer
Note: None

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

Psychosocial Checklist

Variable name: PSY4_5
SAS label: OTHER
Question: Q2: Why were the psychosocial questionnaires not completed?
Other
Note: None

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

Variable name: PSY4_5A
SAS label: SPECIFY OTHER
Question: Q2: Why were the psychosocial questionnaires not completed?
Other, specify
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: Q3: Interviewer's code
Note: None

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

Psychosocial Checklist

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q4: 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	

Quality of Life (SF-12)

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: QUA4_0
SAS label: WHO ADMINISTERED QUESTIONNAIRE
Question: How is this questionnaire administered?
Note: None

Code or Value	Value description	Skip to item
1	By interviewer	
2	By self	
8	Refused	

Variable name: QUA4_1
SAS label: HEALTH IN GENERAL
Question: Q1: In general, would you say your health is:
Note: Please check only one

Code or Value	Value description	Skip to item
1	Excellent	
2	Very good	
3	Good	
4	Fair	
5	Poor	
.	Missing	

Quality of Life (SF-12)

The following items are about activities you might do during a typical day.

Does your health now limit you in these activities? If so, how much?

Variable name: QUA4_4
SAS label: MODERATE ACTIVITIES
Question: Q2: 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: QUA4_6
SAS label: CLIMBING SEVERAL STAIRS
Question: Q3: 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-12)

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: QUA4_14
SAS label: ACCOMPLISH LESS DUE TO PHYSICAL HEALTH
Question: Q4: Accomplish less than you would like?
Note: Please check one answer per line

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

Variable name: QUA4_15
SAS label: LIMITED IN TYPE OF WORK DUE TO PHYSICAL HEALTH
Question: Q5: Were limited in the kind of work or other activities
Note: Please check one answer per line

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

Quality of Life (SF-12)

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: QUA4_18
SAS label: ACCOMPLISH LESS DUE TO EMOTIONAL PROBLEMS
Question: Q6: Accomplish less than you would like
Note: Please check one answer per line

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

Variable name: QUA4_19
SAS label: DIDN'T DO WORK OR ACTIVITIES CAREFULLY DUE TO EMOTIONAL PROBLEMS
Question: Q7: Didn't do work or other activities as carefully as usual
Note: Please check one answer per line

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

Quality of Life (SF-12)

Variable name: QUA4_22
SAS label: PAIN INTERFERE WITH NORMAL WORK
Question: Q8: During the PAST 4 WEEKS, how much did pain interfere with your normal work (including both work outside the home and housework)?
Note: Please check one answer

Code or Value	Value description	Skip to item
1	Not at all	
2	Slightly	
3	Moderately	
4	Quite a bit	
5	Extremely	
.	Missing	

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: QUA4_26
SAS label: FELT CALM AND PEACEFUL
Question: Q9: How much of the time during the PAST 4 WEEKS 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-12)

Variable name: QUA4_27
SAS label: HAD A LOT OF ENERGY
Question: Q10: How much of the time during the PAST 4 WEEKS 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: QUA4_28
SAS label: FEEL DOWNHEARTED AND BLUE
Question: Q11: How much of the time during the PAST 4 WEEKS 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-12)

Variable name: QUA4_32
SAS label: PHYSICAL HEALTH & EMOTIONAL PROBLEMS INTERFERE WITH SOCIAL ACTIVITY
Question: Q12: 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	

ADMINISTRATIVE INFORMATION

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q13: Interviewer/Reviewer
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q14: Date of interview
Note: None

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

Quality of Life (SF-12)

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	

Culture Factors 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	

TRADITIONAL VALUES/CULTURE

Variable name: CUL4_1
SAS label: HOW WELL DO YOU UNDERSTAND YOUR INDIAN LANGUAGE
Question: Q1: How well do you understand your Indian language?
Note: Check one

Code or Value	Value description	Skip to item
1	Not at all	Skip to Q4 (CUL4_4)
2	A little bit	
3	Almost everything	
4	Everything	
.	Missing	

Variable name: CUL4_2A
SAS label: NATIVE LANGUAGE
Question: Q2: Specify native language
Note: None

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

Culture Factors Questionnaire

Variable name: CUL4_2
SAS label: SPEAK NATIVE LANGUAGE
Question: Q2: Can you speak your native language?
Note: None

Code or Value	Value description	Skip to item
1	Yes, fluently	
2	Yes, but not fluently	
3	No	Skip to Q4 (CUL4_4)
.	Missing	

Variable name: CUL4_3
SAS label: FREQUENCY OF SPEAKING NATIVE LANGUAGE
Question: Q3: How often do you speak your native language?
Note: None

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

NATIVE LIFESTYLE

Variable name: CUL4_4
SAS label: IDENTIFY WITH OWN TRIBAL TRADITION
Question: Q4: How much do you identify yourself with your own tribal tradition?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	A little	
3	Some	
4	A lot	
.	Missing	

Variable name: CUL4_5
SAS label: IDENTIFY WITH NON-INDIAN CULTURE
Question: Q5: How much do you identify yourself with non-Indian culture?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	A little	
3	Some	
4	A lot	
.	Missing	

Culture Factors Questionnaire

Variable name: CUL4_6
SAS label: COMFORTABLE WITH TRIBAL TRADITION
Question: Q6: How comfortable do you feel in your own tribal tradition?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	A little	
3	Some	
4	A lot	
.	Missing	

Variable name: CUL4_7
SAS label: COMFORTABLE WITH NON-INDIAN CULTURE
Question: Q7: How comfortable do you feel in the non-Indian culture?
Note: None

Code or Value	Value description	Skip to item
1	Not at all	
2	A little	
3	Some	
4	A lot	
.	Missing	

ADMINISTRATIVE INFORMATION

Variable name: CUL_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: How is this questionnaire administered?
Note: If you are not an American Indian, check refused

Code or Value	Value description	Skip to item
1	By interviewer	
2	By self	
8	Refused	

Culture Factors Questionnaire

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q8: Interview/Reviewer
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q9: 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	

CES-D Scale

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: CES_STAT
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	

Here are some questions about your feelings during the PAST WEEK.

Variable name: CES4_1
SAS label: BOTHERED BY THINGS THAT DON'T USUALLY BOTHER ME
Question: Q1: I was bothered by things that don't usually bother me
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_2
SAS label: DID NOT FEEL LIKE EATING; APPETITE WAS POOR
Question: Q2: I did not feel like eating; my appetite was poor
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_3
SAS label: COULD NOT SHAKE THE BLUES EVEN WITH HELP
Question: Q3: I felt that I could not shake the blues even with help from my family or friends
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_4
SAS label: JUST AS GOOD AS OTHER PEOPLE
Question: Q4: I felt that I was just as good as other people
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_5
SAS label: HAD TROUBLE KEEPING MY MIND ON WHAT I WAS DOING
Question: Q5: I had trouble keeping my mind on what I was doing
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_6
SAS label: FELT DEPRESSED
Question: Q6: I felt depressed
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_7
SAS label: EVERYTHING I DID WAS AN EFFORT
Question: Q7: I felt that everything I did was an effort
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_8
SAS label: HOPEFUL ABOUT THE FUTURE
Question: Q8: I felt hopeful about the future
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_9
SAS label: MY LIFE HAD BEEN A FAILURE
Question: Q9: I thought my life had been a failure
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_10
SAS label: FELT FEARFUL
Question: Q10: I felt fearful
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_11
SAS label: MY SLEEP WAS RESTLESS
Question: Q11: My sleep was restless
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_12
SAS label: I WAS HAPPY
Question: Q12: I was happy
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_13
SAS label: TALKED LESS THAN USUAL
Question: Q13: I talked less than usual
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_14
SAS label: FELT LONELY
Question: Q14: I felt lonely
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_15
SAS label: PEOPLE WERE UNFRIENDLY
Question: Q15: People were unfriendly
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_16
SAS label: ENJOYED LIFE
Question: Q16: I enjoyed life
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_17
SAS label: HAD CRYING SPELLS
Question: Q17: I had crying spells
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_18
SAS label: FELT SAD
Question: Q18: I felt sad
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_19
SAS label: PEOPLE DISLIKED ME
Question: Q19: I felt that people disliked me
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

CES-D Scale

Variable name: CES4_20
SAS label: COULDN'T DO WHAT I NEEDED TO DO
Question: Q20: I felt like I couldn't do what I needed to do
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

Variable name: CES4_21
SAS label: FELT DEPRESSED OR SAD IN THE PAST YEAR
Question: Q21: I have felt depressed or sad in this past year
Note: None

Code or Value	Value description	Skip to item
1	Rarely or not at all (< 1 day)	
2	Some (1 - 2 days)	
3	Often (3 - 4 days)	
4	Most of the time (5 - 7 days)	
9	Not applicable	
.	Missing	

ADMINISTRATIVE INFORMATION

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q22: Interviewer/Reviewer
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q23: 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	

MHLC Scale

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: MHL_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: How was the questionnaire administered?
Note: None

Code or Value	Value description	Skip to item
1	By interviewer	
2	By self	
8	Refused	

Each item below is a belief statement about your medical condition with which you may agree or disagree. Each statement is a scale which ranges from strongly disagree (0) to strongly agree (3). For each item we would like you to write the number that represents the extent to which you agree or disagree with that statement. The more you agree with a statement, the higher will be the number you write. This is a measure of your personal beliefs; obviously, there are no right or wrong answers.

MHLC Scale

Variable name: MHLC4_1
SAS label: HAVE POWER TO MAKE ONESELF WELL AGAIN
Question: Q1: If I become sick, I have the power to make myself well again
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_2
SAS label: IF I'M GOING TO GET SICK, I WILL GET SICK
Question: Often I feel that no matter what I do, if I am going to get sick, I will get sick
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

MHLC Scale

Variable name: MHLC4_3
SAS label: SEE DOCTOR REGULARLY, LESS HEALTH PROBLEMS
Question: Q3: If I see an excellent doctor regularly, I am less likely to have health problems
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_4
SAS label: THINGS AFFECT HEALTH HAPPEN BY ACCIDENT
Question: Q4: Most things that affect my health happen by accidental happenings
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

MHLC Scale

Variable name: MHLC4_5
SAS label: MAINTAIN HEALTH BY CONSULTING PROFESSIONALS
Question: Q5: I can only maintain my health by consulting health professionals
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_6
SAS label: DIRECTLY RESPONSIBLE FOR HEALTH
Question: Q6: I am directly responsible for my health
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

MHLC Scale

Variable name: MHLC4_7
SAS label: OTHER PEOPLE PLAY A BIG PART IN MY HEALTH
Question: Q7: Other people play a big part in whether I stay healthy or become sick
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_8
SAS label: WRONG WITH MY HEALTH IS MY OWN FAULT
Question: Q8: Whatever goes wrong with my health is my own fault
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

MHLC Scale

Variable name: MHLC4_9
SAS label: WHEN SICK, LET NATURE RUN ITS COURSE
Question: Q9: When I am sick, I just have to let nature run its course
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_10
SAS label: HEALTH PROFESSIONALS KEEP ME HEALTHY
Question: Q10: Health professional keep me healthy
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

MHLC Scale

Variable name: MHLC4_11
SAS label: WHEN STAY HEALTHY, JUST PLAIN LUCKY
Question: Q11: When I stay healthy, I'm just plain lucky
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_12
SAS label: PHYSICAL WELL-BEING DEPENDS ON HOW WELL I TAKE CARE OF MYSELF
Question: Q12: My physical well-being depends on how well I take care of myself
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

MHLC Scale

Variable name: MHLC4_13
SAS label: ILLNESS IS DUE TO NOT TAKING CARE OF MYSELF
Question: Q13: When I feel ill, I know it is because I have not been taking care of myself properly
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_14
SAS label: TYPE OF CARE DECIDE THE RECOVERY
Question: Q14: The type of care I received from other people is what is responsible for how well I recover from an illness
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

MHLC Scale

Variable name: MHLC4_15
SAS label: EVEN TAKE CARE, IT IS EASY TO GET SICK
Question: Q15: Even when I take care of myself, it's easy to get sick
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_16
SAS label: ILLNESS IS A MATTER OF FATE
Question: Q16: When I become ill, it's a matter of fate
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

MHLC Scale

Variable name: MHLC4_17
SAS label: STAY HEALTHY BY TAKING GOOD CARE OF MYSELF
Question: Q17: I can pretty much stay healthy by taking good care of myself
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

Variable name: MHLC4_18
SAS label: FOLLOW DOCTORS ORDER IS THE BEST WAY TO STAY HEALTHY
Question: Q18: Following doctor's orders to the letter is the best way for me to stay healthy
Note: None

Code or Value	Value description	Skip to item
0	Strongly Disagree	
1	Disagree	
2	Agree	
3	Strongly Agree	
.	Missing	

ADMINISTRATIVE INFORMATION

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q19: Interviewer/Reviewer
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q20: 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	

Social Support

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: AI4_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: How was the questionnaire administered?
Note: None

Code or Value	Value description	Skip to item
1	By interviewer	
2	By self	
8	Refused	

This scale is an assessment of social support, and is made up of a list of statements, which may or may not be true about you. For each statement, check the response that best describes you.

Social Support

Variable name: AI4_1
SAS label: TALK ON THE PHONE/ GET TOGETHER WITH FRIENDS, RELATIVES
Question: Q1: How often do you talk on the phone or get together with friends or relatives who do not live with you?
Note: None

Code or Value	Value description	Skip to item
0	Never	
1	Less than once a month	
2	Once a month	
3	A few times a month	
4	A few times a week	
5	Every day	
.	Missing	

Variable name: AI4_2
SAS label: REALLY CARE ABOUT YOU
Question: Q2: How much do your friends or relatives really care about you – a lot, some, or not much at all?
Note: None

Code or Value	Value description	Skip to item
1	Not much at all	
2	Some	
3	A lot	
.	Missing	

Social Support

Variable name: AI4_3
SAS label: UNDERSTAND THE WAY YOU FEEL
Question: Q3: How much do they understand the way you feel about things?
Note: None

Code or Value	Value description	Skip to item
1	Not much at all	
2	Some	
3	A lot	
.	Missing	

Variable name: AI4_4
SAS label: APPRECIATE YOU
Question: Q4: How much do they appreciate you?
Note: None

Code or Value	Value description	Skip to item
1	Not much at all	
2	Some	
3	A lot	
.	Missing	

Variable name: AI4_5
SAS label: RELY ON THEM FOR HELP
Question: Q5: How much can you rely on them for help if you have a serious problem?
Note: None

Code or Value	Value description	Skip to item
1	Not much at all	
2	Some	
3	A lot	
.	Missing	

Social Support

Variable name: AI4_6
SAS label: TALK TO THEM ABOUT YOUR WORRIES
Question: Q6: How much can you talk to them about your worries?
Note: None

Code or Value	Value description	Skip to item
1	Not much at all	
2	Some	
3	A lot	
.	Missing	

Variable name: AI4_7
SAS label: RELAX AND BE YOURSELF AROUND THEM
Question: Q7: How much can you relax and be yourself around them?
Note: None

Code or Value	Value description	Skip to item
1	Not much at all	
2	Some	
3	A lot	
.	Missing	

Variable name: AI4_8
SAS label: MAKE TOO MANY DEMANDS ON YOU
Question: Q8: How often do your friends or relatives make too many demands on you – often, sometimes, rarely or never?
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often	
.	Missing	

Social Support

Variable name: AI4_9
SAS label: ARGUE WITH YOU
Question: Q9: How often do they argue with you?
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often	
.	Missing	

Variable name: AI4_10
SAS label: CRITICIZE YOU
Question: Q10: How often do they criticize you?
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often	
.	Missing	

Variable name: AI4_11
SAS label: LET YOU DOWN WHEN YOU ARE COUNTING ON THEM
Question: Q11: How often do they let you down when you are counting on them?
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often	
.	Missing	

Social Support

Variable name: AI4_12
SAS label: GET ON YOUR NERVES
Question: Q12: How often do they get on your nerves?
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often	
.	Missing	

Variable name: AI4_13
SAS label: DRINK OR USE DRUGS TOO MUCH
Question: Q13: How often do they drink or use drugs too much?
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often	
.	Missing	

Variable name: AI4_14
SAS label: CAN GO WITH TO PLAY CARDS, BINGO, POWWOW OR COMMUNITY MEETING
Question: Among the people you know, is there someone you can go with to play cards or go to bingo, a powwow, or a community meeting?
Note: None

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

Social Support

Variable name: AI4_15
SAS label: LEND YOU MONEY IN AN EMERGENCY
Question: Q15: Among the people you know, is there someone who would lend you money if you needed it in an emergency?
Note: None

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

Variable name: AI4_16
SAS label: LEND YOU A CAR OR DRIVE YOU
Question: Q16: Among the people you know, is there someone who would lend you a car or drive you somewhere else if you really needed it?
Note: None

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

Variable name: AI4_17
SAS label: BAIL YOU OUT IF YOU WERE ARRESTED
Question: Q17: Among the people you know, is there someone you could call who would bail you out if you were arrested and put in jail?
Note: None

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

Social Support

Variable name: AI4_18
SAS label: COULD COUNT ON TO CHECK YOU REGULARLY
Question: Q18: Among the people you know, is there someone you could count on to check in on you regularly?
Note: None

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

Variable name: AI4_19
SAS label: ISOLATED YOU FEEL
Question: Q19: How isolated do you feel?
Note: None

Code or Value	Value description	Skip to item
1	Not very isolated at all	
2	Somewhat isolated	
3	Very isolated	
.	Missing	

Variable name: AI4_20
SAS label: AVOID FAMILY GATHERING
Question: Q20: How often do you purposefully avoid family gatherings?
Note: None

Code or Value	Value description	Skip to item
1	Not very much at all	
2	Sometimes	
3	A lot	
.	Missing	

Social Support

Variable name: AI4_21
SAS label: LEAVE EARLY FOR FAMILY GATHERING
Question: Q21: Of those family gatherings you go to, how likely are you to leave early?
Note: None

Code or Value	Value description	Skip to item
1	Not at all likely	
2	Somewhat likely	
3	Very likely	
.	.	

ADMINISTRATIVE INFORMATION

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q22: Interviewer/Reviewer
Note: None

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

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q23: Date of interview
Note: None

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

Social Support

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	

Spielberger-Ax/Cook Medley Scale

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: SPI_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: How was the questionnaire administered?
Note: None

Code or Value	Value description	Skip to item
1	By interviewer	
2	By self	
8	Refused	

A number of statements which people have used to describe themselves when they feel angry or furious are given below. Please read each statement and then indicate how often you feel or act in the manner described when you are angry. This is a measure of your feelings; so there are not right or wrong answers.

Spielberger-Ax/Cook Medley Scale

When I feel angry ...

Variable name: SPIE4_1
SAS label: CONTROL MY TEMPER
Question: Q1: I control my temper
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_2
SAS label: EXPRESS MY ANGER
Question: Q2: I express my anger
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_3
SAS label: KEEP MY FEELINGS TO MYSELF
Question: Q3: I keep my feelings to myself
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_4
SAS label: MAKE THREATS I DON'T REALLY MEAN TO CARRY OUT
Question: Q4: I make threats I don't really mean to carry out
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_5
SAS label: WITHDRAW FROM PEOPLE WHEN I'M ANGRY
Question: Q5: I withdraw from people when I'm angry
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_6
SAS label: GIVE PEOPLE 'THE SILENT TREATMENT' WHEN I'M ANGRY
Question: Q6: I give people "the silent treatment" when I'm angry
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_7
SAS label: MAKE HURTFUL REMARKS TO OTHERS
Question: Q7: I make hurtful remarks to others
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_8
SAS label: KEEP MY COOL
Question: Q8: I keep my cool
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_9
SAS label: DO THINGS LIKE SLAM DOORS
Question: Q9: I do things like slam doors when I'm angry
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_10
SAS label: BOIL INSIDE, BUT DON'T SHOW IT
Question: Q10: I boil inside, but don't show it
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_11
SAS label: ARGUE WITH OTHERS
Question: Q11: I argue with others
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_12
SAS label: HOLD GRUDGES THAT I DON'T TELL ANYONE
Question: Q12: I hold grudges that I don't tell anyone about
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_13
SAS label: STRIKE OUT AT WHATEVER MAKES ME ANGRY
Question: Q13: I strike out (emotionally or physically) at whatever makes me angry
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_14
SAS label: MORE CRITICAL OF OTHERS THAN I LET PEOPLE KNOW
Question: Q14: I am more critical of (judge or find fault with) others than I let people know
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_15
SAS label: GET ANGIER THAN I USUALLY ADMIT
Question: Q15: I get angrier than I usually admit
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_16
SAS label: CALM DOWN FASTER THAN MOST PEOPLE
Question: Q16: I calm down faster than most people
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_17
SAS label: SAY MEAN THINGS
Question: Q17: I say mean things
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_18
SAS label: IRRITATED MUCH MORE THAN PEOPLE AWARE OF
Question: Q18: I am irritated (frustrated, annoyed) much more than people are aware of
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: SPIE4_19
SAS label: LOSE MY TEMPER
Question: Q19: I lose my temper
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Variable name: SPIE4_20
SAS label: SOMEONE BOTHERS ME, LIKELY TO TELL THEM
Question: Q20: If someone bothers (frustrates, irritates) me, I am likely to tell him/her
Note: None

Code or Value	Value description	Skip to item
0	Rarely/Never	
1	Sometimes	
2	Often/Always	
3	Almost always	
.	Missing	

Spielberger-Ax/Cook Medley Scale

These next questions are about how you think about other people. Although we cannot really know what people would think or do unless they tell us, we would like to know your opinion as to whether you think each of the following statements is True or False. Once again, this is your opinion, so there is no right or wrong answer.

Variable name: COOK4_1
SAS label: NO ONE CARES ME
Question: Q21: No one cares much about what happens to me
Note: None

Code or Value	Value description	Skip to item
0	True	
1	False	
.	Missing	

Variable name: COOK4_2
SAS label: SAFER TO TRUST NOBODY
Question: Q22: It is safer to trust nobody
Note: None

Code or Value	Value description	Skip to item
0	True	
1	False	
.	Missing	

Variable name: COOK4_3
SAS label: LIE TO GET AHEAD
Question: Q23: Most people would lie to get ahead
Note: None

Code or Value	Value description	Skip to item
0	True	
1	False	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: COOK4_4
SAS label: DISLIKE TO HELP OTHER PEOPLE
Question: Q24: Most people inwardly dislike putting themselves out to help other people
Note: None

Code or Value	Value description	Skip to item
0	True	
1	False	
.	Missing	

Variable name: COOK4_5
SAS label: USE UNFAIR MEANS TO GAIN AN ADVANTAGE
Question: Q25: Most people will use unfair means to gain an advantage rather than lose it
Note: None

Code or Value	Value description	Skip to item
0	True	
1	False	
.	Missing	

Variable name: COOK4_6
SAS label: HONEST DUE TO FEAR OF BEING CAUGHT
Question: Q26: Most people will use unfair means to gain an advantage rather than lose it
Note: None

Code or Value	Value description	Skip to item
0	True	
1	False	
.	Missing	

Spielberger-Ax/Cook Medley Scale

Variable name: COOK4_7
SAS label: WONDER WHY THEY ARE NICE TO ME
Question: Q27: I often wonder what hidden reason another person may have for doing something nice to me
Note: None

Code or Value	Value description	Skip to item
0	True	
1	False	
.	Missing	

Variable name: COOK4_8
SAS label: MAKE FRIENDS BECAUSE FRIENDS ARE USEFUL
Question: Q28: Most people make friends because friends are likely to be useful to them
Note: None

Code or Value	Value description	Skip to item
0	True	
1	False	
.	Missing	

ADMINISTRATIVE INFORMATION

Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q29: Interviewer/Reviewer
Note: None

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

Spielberger-Ax/Cook Medley Scale

Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q30: 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
3	SD	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: IDNO
SAS label: ID Number
Question: SHS participant ID number
Note: None

Code or Value	Value Description	Skip to item
Continuous value	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	

Variable name: S4SEX
SAS label: SHS4 Sex
Question: Sex
Note: None

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PREGNANT
SAS label: SHS4 Pregnant
Question: If female, are you pregnant or breastfeeding?
Note: None

Code or Value	Value description	Skip to item
1	No	
2	Yes	
3	Not Female	
.	Missing	

Variable name: S4AGE
SAS label: SHS4 Age (years)
Question: Age
Note: None

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

Variable name: S4WEIGHT
SAS label: SHS4 Scanned Weight (lb)
Question: Weight
Note: None

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4HEIGHTFEET
SAS label: SHS4 Height (ft)
Question: Height
Note: None

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

Variable name: S4HEIGHTINCHES
SAS label: SHS4 Height (in)
Question: Height
Note: None

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

FOOD FREQUENCY QUESTIONNAIRE

Variable name: S4VEGGIESFREQ
SAS label: SHS4 How Many Vegetables Eaten per Day/Week
Question: About how many servings of vegetables do you eat, per day or per week not counting salad or potatoes?
Note: None

Code or Value	Value description	Skip to item
1	Less than once per week	
2	1-2 per week	
3	3-4 per week	
4	5-6 per week	
5	1 per day	
6	1.5 per day	
7	2 per day	
8	3 per day	
9	4+ per day	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FRUITSFREQ
SAS label: SHS4 How Many Fruits Eaten per Day or Week
Question: About how many servings of fruit do you eat, not counting juices?
Note: None

Code or Value	Value description	Skip to item
1	Less than once per week	
2	1-2 per week	
3	3-4 per week	
4	5-6 per week	
5	1 per day	
6	1.5 per day	
7	2 per day	
8	3 per day	
9	4+ per day	
.	Missing	

Variable name: S4CEREALFREQ
SAS label: SHS4 How Often Eat Cold Cereal
Question: How often do you eat cold cereal?
Note: None

Code or Value	Value description	Skip to item
1	Less than once per week	
2	1-2 per week	
3	3-4 per week	
4	5-6 per week	
5	1 per day	
6	1.5 per day	
7	2 per day	
8	3 per day	
9	4+ per day	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FATOILFREQ
SAS label: SHS4 How Often Use Fat/Oil in Cooking
Question: How often do you use fat or oil in cooking?
Note: None

Code or Value	Value description	Skip to item
1	Less than once per week	
2	1-2 per week	
3	3-4 per week	
4	5-6 per week	
5	1 per day	
6	1.5 per day	
7	2 per day	
8	3 per day	
9	4+ per day	
.	Missing	

Variable name: S4COOKINGFATPAMORNONE
SAS label: SHS4 Cooking Fat: PAM OR NO OIL
Question: What kinds of fat or oil do you usually use in cooking: Don't know or Pam?
Note: Mark only one or two

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COOKINGFATSTICKMARG
SAS label: SHS4 Cooking Fat: Stick Margarine
Question: What kinds of fat or oil do you usually use in cooking: Stick margarine?
Note: Mark only one or two

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

Variable name: S4COOKINGFATSOFTMARG
SAS label: SHS4 Cooking Fat: Soft Tub Margarine
Question: What kinds of fat or oil do you usually use in cooking: Soft tub margarine?
Note: Mark only one or two

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

Variable name: S4COOKINGFATBUTTER
SAS label: SHS4 Cooking Fat: Butter
Question: What kinds of fat or oil do you usually use in cooking: Butter?
Note: Mark only one or two

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COOKINGFATHALF
SAS label: SHS4 Cooking Fat: Butter/Marg. blend
Question: What kinds of fat or oil do you usually use in cooking: Butter /margarine blend?
Note: Mark only one or two

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

Variable name: S4COOKINGFATDIET
SAS label: SHS4 Cooking Fat: Lowfat Margarine
Question: What kinds of fat or oil do you usually use in cooking: Low-fat margarine?
Note: Mark only one or two

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

Variable name: S4COOKINGFATVEGGIE
SAS label: SHS4 Cooking Fat: Corn Oil
Question: What kinds of fat or oil do you usually use in cooking: Corn oil, vegetable oil?
Note: Mark only one or two

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COOKINGFATOLIVE
SAS label: SHS4 Cooking Fat: Olive Oil
Question: What kinds of fat or oil do you usually use in cooking: Olive oil or canola oil?
Note: Mark only one or two

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

Variable name: S4COOKINGFATLARD
SAS label: SHS4 Cooking Fat: Lard
Question: What kinds of fat or oil do you usually use in cooking: Lard, fatback, or bacon fat?
Note: Mark only one or two

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

Variable name: S4COOKINGFATCRISCO
SAS label: SHS4 Cooking Fat: Crisco
Question: What kinds of fat or oil do you usually use in cooking: Crisco?
Note: Mark only one or two

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4TAKEVITAMIN
SAS label: SHS4 Do you take Vitamins/Minerals regularly
Question: During the past year, have you taken any vitamins or minerals regularly, at least once a month?
Note: None

Code or Value	Value description	Skip to item
1	No, not regularly	
2	Yes, fairly regularly	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4ONEADAYAMOUNT
SAS label: SHS4 One-A-Day w minerals (how often)
Question: Do you take Once-A-Day, Centrum, or Thera type regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4ONEADAYYEARS
SAS label: SHS4 One-A-Day w minerals (years)
Question: How many years did you take Once-A-Day, Centrum or Thera type regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4STRESSTABSAMOUNT
SAS label: SHS4 Stress-Tabs/B-complex (how often)
Question: Do you take Stress-tabs or B-Complex type regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4STRESSTABSYEARS
SAS label: SHS4 Stress-Tabs/B-complex (years)
Question: How many years did you take Stress-tabs or B-Complex type regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4ANTIOXIDANTAMOUNT
SAS label: SHS4 Antioxidant combination tabs (how often)
Question: Do you take antioxidant combination type regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4ANTIOXIDANTYEARS
SAS label: SHS4 Antioxidant combination tables (years)
Question: How many years did you take antioxidant combination type regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4VITAMINAAMOUNT
SAS label: SHS4 Vitamin A (how often)
Question: Do you take Vitamin A (not beta-carotene) regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4VITAMINAYEARS
SAS label: SHS4 Vitamin A (years)
Question: How many years did you take Vitamin A (not beta-carotene) regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BETACAROTENEAMOUNT
SAS label: SHS4 Beta-Carotene (how often)
Question: Do you take beta-carotene regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4BETACAROTENEYEARS
SAS label: SHS4 Beta-Carotene (years)
Question: How many years did you take beta-carotene regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4VITAMINCAMOUNT
SAS label: SHS4 Vitamin C (how often)
Question: Do you take Vitamin C regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4VITAMINCYEARS
SAS label: SHS4 Vitamin C (years)
Question: How many years did you take Vitamin C regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4VITAMINEAMOUNT
SAS label: SHS4 Vitamin E (how often)
Question: Do you take Vitamin E regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4VITAMINEYEARS
SAS label: SHS4 Vitamin E (years)
Question: How many years did you take Vitamin E regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FOLATEAMOUNT
SAS label: SHS4 Folate (how often)
Question: Do you take folic acid or folate regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4FOLATEYEARS
SAS label: SHS4 Folate (years)
Question: How many years did you take folic acid or folate regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CALCIUMAMOUNT
SAS label: SHS4 Calcium/Dolomite (how often)
Question: Do you take calcium, alone or combined with something else regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4CALCIUMYEARS
SAS label: SHS4 Calcium/Dolomite (years)
Question: How many years did you take calcium, alone or combined with something else regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4ZINCAMOUNT
SAS label: SHS4 Zinc (how often)
Question: Do you take zinc, alone or combined with something else regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4ZINCYEARS
SAS label: SHS4 Zinc (years)
Question: How many years did you take zinc, alone or combined with something regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4IRONAMOUNT
SAS label: SHS4 Iron (how often)
Question: Do you take iron regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4IRONYEARS
SAS label: SHS4 Iron (years)
Question: How many years did you take iron regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SELENIUMAMOUNT
SAS label: SHS4 Selenium (how often)
Question: Do you take selenium type regularly?
Note: None

Code or Value	Value description	Skip to item
1	Didn't take	
2	A few days per month	
3	1-3 days per week	
4	4-6 days per week	
.	Missing	

Variable name: S4SELENIUMYEARS
SAS label: SHS4 Selenium (years)
Question: How many years did you take selenium regularly?
Note: None

Code or Value	Value description	Skip to item
1	Less than 1 year	
2	1 year	
3	2 years	
4	3-4 years	
5	5-9 years	
6	10+ years	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MINERALSYESORNO
SAS label: SHS4 Minerals
Question: If you took Once-A-day, Centrum or Thera-type multiple vitamins, did you usually take types that ... ?
Note: None

Code or Value	Value description	Skip to item
1	Contain minerals, iron, zinc, etc.	
2	Do not contain minerals	
.	Missing	

Variable name: S4MGVITAMINCPERDAY
SAS label: SHS4 How Many Vitamin C Tablets (per mg)
Question: How many milligrams of vitamin C did you usually take, on the days you took it?
Note: None

Code or Value	Value description	Skip to item
1	100	
2	250	
3	500	
4	750	
5	1000	
6	1500	
7	2000	
8	3000+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MGVITAMINEPERDAY
SAS label: SHS4 How Many Vitamin E capsules (per IU)
Question: How many milligrams of vitamin E did you usually take, on the days you took it?
Note: None

Code or Value	Value description	Skip to item
1	100	
2	200	
3	300	
4	400	
5	600	
6	800	
7	1000	
8	2000+	
.	Missing	

Variable name: S4GINKO
SAS label: SHS4 Ginkgo
Question: Did you take any of these supplements at least once a month: Ginkgo?
Note: None

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4GINSENG
SAS label: SHS4 Ginseng
Question: Did you take any of these supplements at least once a month: Ginseng?
Note: None

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

Variable name: S4STJOHNSWORT
SAS label: SHS4 St. John's Wort
Question: Did you take any of these supplements at least once a month: St. John's Wort?
Note: None

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

Variable name: S4KAVAKAVA
SAS label: SHS4 Kava Kava
Question: Did you take any of these supplements at least once a month: Kava Kava?
Note: None

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4ECHINACEA
SAS label: SHS4 Echinacea
Question: Did you take any of these supplements at least once a month:
Echinacea?
Note: None

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

Variable name: S4MELATONIN
SAS label: SHS4 Melatonin
Question: Did you take any of these supplements at least once a month:
Melatonin?
Note: None

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

Variable name: S4DHEA
SAS label: SHS4 DHEA
Question: Did you take any of these supplements at least once a month:
DHEA?
Note: None

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4GLUCOSAMINE
SAS label: SHS4 Glucosamine/Chondroitin
Question: Did you take any of these supplements at least once a month: Glucosamine/Chondroitin?
Note: None

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

Variable name: S4OTHERSUPPS
SAS label: SHS4 Some other supplement
Question: Did you take any of these supplements at least once a month: Something else?
Note: None

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

Variable name: S4DIDNTTAKETHESESUPPS
SAS label: SHS4 Didn't take these supplements
Question: Did you take any of these supplements at least once a month: Didn't take these supplements?
Note: None

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4TOMATOJUICEFREQ
SAS label: SHS4 Tomato Juice (frequency)
Question: How often, on average, did you drink tomato juice or V-8 juice in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4TOMATOJUICEQUAN
SAS label: SHS4 Tomato Juice (quantity)
Question: How many glasses of tomato juice or V-8 juice?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4ORANGEJUICEFREQ
SAS label: SHS4 Real Orange Juice (frequency)
Question: How often, on average, did you drink real 100% orange juice or grapefruit juice, including fresh, frozen, or bottled in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4ORANGEJUICEQUAN
SAS label: SHS4 Real Orange Juice (quantity)
Question: How many glasses of real 100% orange juice or grapefruit juice?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CALCIUMOJ
SAS label: SHS4 Calcium fortified OJ
Question: When you drink orange juice, how often do you drink a calcium-fortified brand?
Note: None

Code or Value	Value description	Skip to item
1	Usually calcium-fortified	
2	Sometimes calcium-fortified	
3	Hardly ever calcium-fortified	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4REALJUICEFREQ
SAS label: SHS4 Other Real Juice (frequency)
Question: How often, on average, did you drink other real fruit juices like apple juice, prune juice, or lemonade in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4REALJUICEQUAN
SAS label: SHS4 Other Real Juice (quantity)
Question: How many glasses of other real fruit juices like apple juice, prune juice or lemonade?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4HICFREQ
SAS label: SHS4 Hi C (frequency)
Question: How often, on average, did you drink Kool-Aid, Hi-C, or other drinks with added vitamin C in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4HICQUAN
SAS label: SHS4 Hi C (quantity)
Question: How many glasses of Kool-Aid, Hi-C or other drinks with added vitamin C?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SOMEJUICEFREQ
SAS label: SHS4 Drinks with Some Juice (frequency)
Question: How often, on average, did you drink drinks with some juice in them, like Sunny Delight or Juice Squeeze in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SOMEJUICEQUAN
SAS label: SHS4 Drinks with Some Juice (quantity)
Question: How many glasses of drinks with some juice in them, like Sunny Delight or Juice Squeeze?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DIETSHAKESFREQ
SAS label: SHS4 Slimfast (frequency)
Question: How often, on average, did you drink instant breakfast milkshakes like Carnation, diet shakes like SlimFast, or liquid supplements like Ensure in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4DIETSHAKESQUAN
SAS label: SHS4 Slimfast (quantity)
Question: How many glasses of instant breakfast milkshakes like Carnation, diet shakes like SlimFast, or liquid supplements like Ensure?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MILKFREQ
SAS label: SHS4 Milk (default 2%) (frequency)
Question: How often, on average, did you drink glasses of milk (any kind) in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4MILKQUAN
SAS label: SHS4 Milk (default 2%) (quantity)
Question: How many glasses of milk?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MILKTYPE

SAS label: SHS4 Type of Milk

Question: When you drink glasses of milk, what kind do you usually drink?

Note: Mark only one

Code or Value	Value description	Skip to item
1	Whole milk	
2	Reduced-fat 2% milk	
3	Low-fat 1% milk	
4	Non-fat milk	
6	Soy milk	
7	Don't drink	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SOFTDRINKSFREQ
SAS label: SHS4 Sodas (frequency)
Question: How often, on average, did you drink regular soft drinks, or bottled drinks like Snapple (not diet drinks) in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SOFTDRINKSQUAN
SAS label: SHS4 Sodas (quantity)
Question: How many bottles or cans of regular soft drinks or bottled drinks like Snapple (not diet drinks)?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BEERFREQ
SAS label: SHS4 Beer (frequency)
Question: How often, on average, did you drink beer or non-alcoholic beer in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BEERQUAN
SAS label: SHS4 Beer (quantity)
Question: How many bottles or cans of beer or non-alcoholic beer?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BEERTYPE
SAS label: SHS4 Type of Beer
Question: What kind of beer do you drink?
Note: Mark only one

Code or Value	Value description	Skip to item
1	Regular beer	
2	Light beer	
3	Low-Carb beer	
4	Non-alcoholic beer	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4WINEFREQ
SAS label: SHS4 Wine (frequency)
Question: How often, on average, did you drink wine or wine coolers in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4WINEQUAN
SAS label: SHS4 Wine (quantity)
Question: How many glasses of wine or wine coolers?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4LIQUORFREQ
SAS label: SHS4 Liquor (frequency)
Question: How often, on average, did you drink liquor or mixed drinks in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4LIQUORQUAN
SAS label: SHS4 Liquor (quantity)
Question: How many liquor drinks or mixed drinks?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4WATERFREQ
SAS label: SHS4 Water (frequency)
Question: How often, on average, did you drink water, tap or bottled in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4WATERQUAN
SAS label: SHS4 Water (quantity)
Question: How many glasses of water, tap or bottled?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COFFEEFREQ
SAS label: SHS4 Coffee (frequency)
Question: How often, on average, did you drink coffee, regular or decaf in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4COFFEEQUAN
SAS label: SHS4 Coffee (quantity)
Question: How many cups of coffee, regular or decaf?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4TEAFREQ
SAS label: SHS4 Tea (frequency)
Question: How often, on average, did you drink tea or iced tea (not herb teas) in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4TEAQUAN
SAS label: SHS4 Tea (quantity)
Question: How many cups of tea or iced tea (not herb teas)?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CREAMINCOFFEE
SAS label: SHS4 Cream/Milk in Coffee
Question: What do you usually add to coffee?
Note: Mark only one

Code or Value	Value description	Skip to item
1	Cream or half & half	
2	Nondairy creamer	
3	Milk	
4	None of these	
.	Missing	

Variable name: S4CREAMINTEA
SAS label: SHS4 Cream/Milk in Tea
Question: What do you usually add to tea?
Note: Mark only one

Code or Value	Value description	Skip to item
1	Cream or half & half	
2	Nondairy creamer	
3	Milk	
4	None of these	
.	Missing	

Variable name: S4SUGARINCOFFEE
SAS label: SHS4 Sugar in Coffee
Question: Do you usually add sugar (or honey) to coffee?
Note: None

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COFFEESUGARTEASPOONS
SAS label: SHS4 Teaspoons of Sugar in Coffee
Question: How many teaspoons of sugar in each cup of coffee?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Variable name: S4SUGARINTEA
SAS label: SHS4 Sugar in Tea
Question: Do you usually add sugar (or honey) to tea?
Note: None

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

Variable name: S4TEASUGARTEASPOONS
SAS label: SHS4 Teaspoons of Sugar in Tea
Question: How many teaspoons of sugar in each cup of tea?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3-4	
4	5+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PEACHESFREQ
SAS label: SHS4 Raw Peaches (frequency)
Question: How often, on average, did you eat raw peaches, apricots or nectarines in season this past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4PEACHESQUAN
SAS label: SHS4 Raw Peaches (quantity)
Question: How many peaches, apricots, nectarines?
Note: None

Code or Value	Value description	Skip to item
1	1/2	
2	1	
3	2	
4	3	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CANTALOUPEFREQ
SAS label: SHS4 Cantaloupe in Season (frequency)
Question: How often, on average, did you eat cantaloupe in season this past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CANTALOUPEQUAN
SAS label: SHS4 Cantaloupe in Season (quantity)
Question: How much cantaloupe?
Note: None

Code or Value	Value description	Skip to item
1	1/8	
2	1/4	
3	1/2	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4STRAWBERRIESFREQ
SAS label: SHS4 Strawberries in Season (frequency)
Question: How often, on average, did you eat strawberries in season this past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4STRAWBERRIESQUAN
SAS label: SHS4 Strawberries in Season (quantity)
Question: How much strawberries?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4WATERMELONFREQ
SAS label: SHS4 Watermelon in Season (frequency)
Question: How often, on average, did you eat watermelon in season this past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4WATERMELONQUAN
SAS label: SHS4 Watermelon in Season (quantity)
Question: How much watermelon?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4OTHERFRUITFREQ
SAS label: SHS4 Other Fresh Fruit (frequency)
Question: How often, on average, did you eat any other fruit in season like grapes, honeydew, pineapple, or kiwi this past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4OTHERFRUITQUAN
SAS label: SHS4 Other Fresh Fruit (quantity)
Question: How much other fruit in season, like grapes, honeydew, pineapple or kiwi?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BANANAFREQ
SAS label: SHS4 Bananas (frequency)
Question: How often, on average, did you eat bananas in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BANANAQUAN
SAS label: SHS4 Bananas (quantity)
Question: How many bananas?
Note: None

Code or Value	Value description	Skip to item
1	1/2	
2	1	
3	2	
4	3	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4APPLESPEARSFREQ
SAS label: SHS4 Apples (frequency)
Question: How often, on average, did you eat apples or pears in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4APPLESPEARSQUAN
SAS label: SHS4 Apples (quantity)
Question: How many apples or pears?
Note: None

Code or Value	Value description	Skip to item
1	1/2	
2	1	
3	2	
4	3	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4ORANGESFREQ
SAS label: SHS4 Oranges (frequency)
Question: How often, on average, did you eat oranges or tangerines in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4ORANGESQUAN
SAS label: SHS4 Oranges (quantity)
Question: How many oranges or tangerines?
Note: None

Code or Value	Value description	Skip to item
1	1/2	
2	1	
3	2	
4	3	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4GRAPEFRUITFREQ
SAS label: SHS4 Grapefruit (frequency)
Question: How often, on average, did you eat grapefruit in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4GRAPEFRUITQUAN
SAS label: SHS4 Grapefruit (quantity)
Question: How much grapefruit?
Note: None

Code or Value	Value description	Skip to item
1	1/2	
2	1	
3	2	
4	3	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CANNEDFRUITFREQ
SAS label: SHS4 Canned Fruit (frequency)
Question: How often, on average, did you eat canned fruit like applesauce, fruit cocktail or dried fruit like raisins in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CANNEDFRUITQUAN
SAS label: SHS4 Canned Fruit (quantity)
Question: How much canned fruit like applesauce, fruit cocktail, or dried fruit like raisins?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BREAKSANDFREQ
SAS label: SHS4 Eggs or Breakfast Egg Sandwich (frequency)
Question: How often, on average, did you eat eggs, including egg biscuits or Egg McMuffins (not egg substitutes) in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BREAKSANDQUAN
SAS label: SHS4 Eggs or Breakfast Egg Sandwich (quantity)
Question: How many eggs?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BACONFREQ
SAS label: SHS4 Bacon (frequency)
Question: How often, on average, did you eat bacon in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BACONQUAN
SAS label: SHS4 Bacon (quantity)
Question: How many pieces of bacon?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SAUSAGEFREQ
SAS label: SHS4 Breakfast Sausage (frequency)
Question: How often, on average, did you eat breakfast sausage, including sausage biscuits in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SAUSAGEQUAN
SAS label: SHS4 Breakfast Sausage (quantity)
Question: How many pieces of sausage?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PANCAKESFREQ
SAS label: SHS4 Pancakes (frequency)
Question: How often, on average, did you eat pancakes, waffles, French toast, or Pop Tarts in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4PANCAKESQUAN
SAS label: SHS4 Pancakes (quantity)
Question: How many pieces of pancakes, waffles, French toast or Pop Tarts?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BREAKFASTBARSFREQ
SAS label: SHS4 Breakfast bars (frequency)
Question: How often, on average, did you eat breakfast bars, granola bars or Power bars in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BREAKFASTBARSQUAN
SAS label: SHS4 Breakfast bars (quantity)
Question: How many breakfast bars, granola bars or Power bars?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COOKEDCEREALFREQ
SAS label: SHS4 Cooked Cereal (frequency)
Question: How often, on average, did you eat cooked cereals like oatmeal, cream of wheat or grits in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4COOKEDCEREALQUAN
SAS label: SHS4 Cooked Cereal (quantity)
Question: How much cooked cereals like oatmeal, cream of wheat or grits?
Note: None

Code or Value	Value description	Skip to item
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FIBERCEREALFREQ
SAS label: SHS4 High Fiber Cereal (frequency)
Question: How often, on average, did you eat high-fiber cereals like All Bran, Raisin Bran or Fruit-n-Fiber in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4FIBERCEREALQUAN
SAS label: SHS4 High Fiber Cereal (quantity)
Question: How much high-fiber cereals like All Bran, Raisin Bran or Fruit-n-Fiber?
Note: None

Code or Value	Value description	Skip to item
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COLDCEREALTYPE
SAS label: SHS4 Type of high fiber cereal
Question: Which high-fiber cereal do you eat most often?
Note: Mark only one

Code or Value	Value description	Skip to item
1	All bran or bran buds	
2	Raisin Bran	
3	Fiber one, Fruit-N-Fiber, etc.	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4TOTALCEREALFREQ
SAS label: SHS4 Total cereal (frequency)
Question: How often, on average, did you eat Product 19, Just Right or Total cereal in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4TOTALCEREALQUAN
SAS label: SHS4 Total cereal (quantity)
Question: How much of Product 19, Just Right or Total cereal?
Note: None

Code or Value	Value description	Skip to item
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COLDCEREALFREQ
SAS label: SHS4 Other Cold Cereal (frequency)
Question: How often, on average, did you eat any other cold cereal, like Corn Flakes, Cheerios, or Special K in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4COLDCEREALQUAN
SAS label: SHS4 Other Cold Cereal (quantity)
Question: How much of any other cold cereal, like Corn Flakes, Cheerios, or Special K?
Note: None

Code or Value	Value description	Skip to item
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MILKONCEREALFREQ
SAS label: SHS4 Milk on Cereal (frequency)
Question: How often, on average, did you eat milk or milk substitutes on cereal in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4MILKONCEREALQUAN
SAS label: SHS4 Milk on Cereal (frequency)
Question: How many ounces of milk or milk substitutes on cereal?
Note: None

Code or Value	Value description	Skip to item
1	3 oz.	
2	4-5 oz.	
3	6-7 oz.	
4	8+ oz.	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4YOGURTFREQ
SAS label: SHS4 Yogurt (frequency)
Question: How often, on average, did you eat yogurt or frozen yogurt in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4YOGURTQUAN
SAS label: SHS4 Yogurt (quantity)
Question: How much yogurt or frozen yogurt?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CHEESEFREQ
SAS label: SHS4 Cheese (frequency)
Question: How often, on average, did you eat cheese, sliced cheese or cheese spread, including on sandwiches in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CHEESEQUAN
SAS label: SHS4 Cheese (quantity)
Question: How many slices of cheese?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	.	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CHEESETYPE
SAS label: SHS4 Type of Cheese
Question: When you eat cheese, is it...?
Note: None

Code or Value	Value description	Skip to item
1	Usually low-fat	
2	Sometimes low-fat	
3	Hardly ever low-fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BROCCOLIFREQ
SAS label: SHS4 Broccoli (frequency)
Question: How often, on average, did you eat broccoli in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BROCCOLIQUAN
SAS label: SHS4 Broccoli (quantity)
Question: How much broccoli?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CARROTSFREQ
SAS label: SHS4 Carrots (frequency)
Question: How often, on average, did you eat carrots or mixed vegetables or stews containing carrots in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CARROTSQUAN
SAS label: SHS4 Carrots (quantity)
Question: How much carrots, or mixed vegetables or stews containing carrots?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CORNFREQ
SAS label: SHS4 Corn (frequency)
Question: How often, on average, did you eat corn in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CORNQUAN
SAS label: SHS4 Corn (quantity)
Question: How much corn?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BEANSPEASFREQ
SAS label: SHS4 Green Beans (frequency)
Question: How often, on average, did you eat green beans or green peas in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BEANSPEASQUAN
SAS label: SHS4 Green Beans (quantity)
Question: How much green beans or green peas?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SPINACHCOOKEDFREQ
SAS label: SHS4 Spinach (frequency)
Question: How often, on average, did you eat spinach in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SPINACHCOOKEDQUAN
SAS label: SHS4 Spinach (quantity)
Question: How much spinach?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4GREENSFREQ
SAS label: SHS4 Greens (frequency)
Question: How often, on average, did you eat mustard greens, turnip greens or collards in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4GREENSQUN
SAS label: SHS4 Greens (quantity)
Question: How much mustard greens, turnip greens or collards?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FRIESFREQ
SAS label: SHS4 French Fries (frequency)
Question: How often, on average, did you eat French fries, fried potatoes, or hash browns in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4FRIESQUAN
SAS label: SHS4 French Fries (quantity)
Question: How much French fries, fried potatoes or hash browns?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4POTATOESFREQ
SAS label: SHS4 Other Potatoes (frequency)
Question: How often, on average, did you eat white potatoes not fried, including boiled, baked, mashed or potato salad in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4POTATOESQUAN
SAS label: SHS4 Other Potatoes (quantity)
Question: How much potatoes not fried including boiled, baked, mashed, or potato salad?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SWEETPOTATOESFREQ
SAS label: SHS4 Sweet Potato (frequency)
Question: How often, on average, did you eat sweet potatoes or yams (not in pies) in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SWEETPOTATOESQUAN
SAS label: SHS4 Sweet Potato (quantity)
Question: How much sweet potatoes or yams (not in pies)?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COLESLAWCABBAGEFREQ
SAS label: SHS4 Cole Slaw (frequency)
Question: How often, on average, did you eat cole slaw or cabbage in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4COLESLAWCABBAGEQUAN
SAS label: SHS4 Cole law (quantity)
Question: How much cole slaw or cabbage?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4GREENSALADFREQ
SAS label: SHS4 Green Salad (frequency)
Question: How often, on average, did you eat green salad in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4GREENSALADQUAN
SAS label: SHS4 Green Salad (quantity)
Question: How much green salad?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4TOMATOESFREQ
SAS label: SHS4 Tomatoes (frequency)
Question: How often, on average, did you eat raw tomatoes including in salad in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4TOMATOESQUAN
SAS label: SHS4 Tomatoes (quantity)
Question: How much raw tomatoes, including in salad?
Note: None

Code or Value	Value description	Skip to item
1	1/4	
2	1/2	
3	1	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SALADDRESSINGFREQ
SAS label: SHS4 Salad Dressing (frequency)
Question: How often, on average, did you eat salad dressing in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SALADDRESSINGQUAN
SAS label: SHS4 Salad Dressing (quantity)
Question: How many tablespoons of salad dressing?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SALADDRESSTYPE
SAS label: SHS4 Type of Salad Dressing
Question: Is your salad dressing ...?
Note: None

Code or Value	Value description	Skip to item
1	Usually low-fat	
2	Sometimes low-fat	
3	Hardly ever low-fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4OTHERVEGGIESFREQ
SAS label: SHS4 Other Vegetables (frequency)
Question: How often, on average, did you eat any other vegetable, like okra, squash, cooked green peppers in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4OTHERVEGGIESQUAN
SAS label: SHS4 Other Vegetables (quantity)
Question: How much of any other vegetable, like okra, squash, or cooked green peppers?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4REFRIEDBEANSFREQ
SAS label: SHS4 Refried Beans (frequency)
Question: How often, on average, did you eat refried beans or bean burritos in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4REFRIEDBEANSQUAN
SAS label: SHS4 Refried Beans (quantity)
Question: How much refried beans or bean burritos?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CHILIFREQ
SAS label: SHS4 Chili with beans (frequency)
Question: How often, on average, did you eat chili with beans (with or without meat) in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CHILIQUN
SAS label: SHS4 Chili with beans (quantity)
Question: How much chili with beans (meat or without meat)?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PINTOBEANSFREQ
SAS label: SHS4 Other Beans (frequency)
Question: How often, on average, did you eat baked beans, black-eye peas, pintos, or any other dried beans in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4PINTOBEANSQUAN
SAS label: SHS4 Other Beans (quantity)
Question: How much baked beans, black-eye peas, pintos, or any other dried beans?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4VEGGIESTEFREQ
SAS label: SHS4 Vegetable Stew (frequency)
Question: How often, on average, did you eat vegetable stew in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4VEGGIESTEWQUAN
SAS label: SHS4 Vegetable Stew (quantity)
Question: How much vegetable stew?
Note: None

Code or Value	Value description	Skip to item
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4VEGSOUPFREQ
SAS label: SHS4 Vegetable Soup (frequency)
Question: How often, on average, did you eat vegetable soup, vegetable beef, chicken vegetable or tomato soup in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4VEGSOUPQUAN
SAS label: SHS4 Vegetable Soup (quantity)
Question: How much vegetable soup, vegetable beef, chicken vegetable or tomato soup?
Note: None

Code or Value	Value description	Skip to item
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PEASOUPFREQ
SAS label: SHS4 Bean Soup (frequency)
Question: How often, on average, did you eat split pea, bean or lentil soup in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4PEASOUPQUAN
SAS label: SHS4 Bean Soup (quantity)
Question: How much split pea, bean or lentil soup?
Note: None

Code or Value	Value description	Skip to item
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4OTHERSOUPFREQ
SAS label: SHS4 Other Soup (frequency)
Question: How often, on average, did you eat any other soup, like chicken noodle, chowder, mushroom, or instant soup in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4OTHERSOUPQUAN
SAS label: SHS4 Other Soup (quantity)
Question: How much of any other soup, like chicken noodle, chowder, mushroom, or instant soup?
Note: None

Code or Value	Value description	Skip to item
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SPAGHETTIFREQ
SAS label: SHS4 Spaghetti with Meat Sauce (frequency)
Question: How often, on average, did you eat spaghetti, lasagna or other pasta with tomato sauce in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SPAGHETTIQUAN
SAS label: SHS4 Spaghetti with Meat Sauce (quantity)
Question: How much spaghetti, lasagna or other pasta with tomato sauce?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MACARONIFREQ
SAS label: SHS4 Mac N Cheese (frequency)
Question: How often, on average, did you eat cheese dishes without tomato sauce, like macaroni and cheese in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4MACARONIQUN
SAS label: SHS4 Mac N Cheese (quantity)
Question: How much cheese dishes without tomato sauce, like macaroni and cheese?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PIZZAFREQ
SAS label: SHS4 Pizza (frequency)
Question: How often, on average, did you eat pizza, including carry-out in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4PIZZAQUAN
SAS label: SHS4 Pizza (quantity)
Question: How many slices of pizza?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	.	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4EATMEAT
SAS label: SHS4 Ever Eat Meat
Question: Do you ever eat chicken, meat or fish?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to S4OTHERNOODLESFREQ
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BURGERFREQ
SAS label: SHS4 Hamburger (Cheeseburger) (frequency)
Question: How often, on average, did you eat hamburgers, cheeseburgers, meat loaf, at home or in a restaurant in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BURGERQUAN
SAS label: SHS4 Hamburger (Cheeseburger) (quantity)
Question: How much hamburgers, cheeseburgers or meat loaf?
Note: None

Code or Value	Value description	Skip to item
1	1/8 lb	
2	1/4 lb	
3	1/2 lb	
4	3/4 lb	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4TACOSFREQ
SAS label: SHS4 Tacos (frequency)
Question: How often, on average, did you eat tacos, burritos, enchiladas, tamales, with meat or chicken in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4TACOSQUAN
SAS label: SHS4 Tacos (quantity)
Question: How much tacos, burritos, enchiladas or tamales with meat or chicken?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4STEAKFREQ
SAS label: SHS4 Beef (frequency)
Question: How often, on average, did you eat beef steaks, roasts, pot roast, or in frozen dinners or sandwiches in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4STEAKQUAN
SAS label: SHS4 Beef (quantity)
Question: How much beef steaks, roasts, pot roast or in frozen dinners or sandwiches?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DONENESS
SAS label: SHS4 How is beef cooked
Question: How do you like beef cooked?
Note: None

Code or Value	Value description	Skip to item
1	Rare	
2	Medium	
3	Well done	
4	I don't eat beef	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PORKFREQ
SAS label: SHS4 Pork (frequency)
Question: How often, on average, did you eat pork chops, pork roasts or dinner ham in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4PORKQUAN
SAS label: SHS4 Pork (quantity)
Question: How much pork chops, pork roasts or dinner ham?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FATONMEATYPE
SAS label: SHS4 How Often Eat Fat on Meat
Question: When you eat meat, do you ... ?
Note: None

Code or Value	Value description	Skip to item
1	Avoid eating the fat	
2	Sometimes eat the fat	
3	Often eat the fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4VEALFREQ
SAS label: SHS4 Veal, Lamb (frequency)
Question: How often, on average, did you eat veal, lamb or deer meat in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4VEALQUAN
SAS label: SHS4 Veal, Lamb (quantity)
Question: How much veal, lamb or deer meat?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4RIBSFREQ
SAS label: SHS4 Ribs (frequency)
Question: How often, on average, did you eat ribs or spareribs in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4RIBSQUN
SAS label: SHS4 Ribs (quantity)
Question: How many ribs or spareribs?
Note: None

Code or Value	Value description	Skip to item
1	3-4	
2	5-6	
3	7-8	
4	9+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4LIVERFREQ
SAS label: SHS4 Liver (frequency)
Question: How often, on average, did you eat liver, including chicken livers or liverwurst in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4LIVERQUAN
SAS label: SHS4 Liver (quantity)
Question: How much liver, including chicken livers or liverwurst?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FEETFREQ
SAS label: SHS4 Pigs Feet, Variety Meats (frequency)
Question: How often, on average, did you eat gizzard, pork neckbones, chitlins, or pigs feet in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4FEETQUAN
SAS label: SHS4 Pigs Feet, Variety Meats (quantity)
Question: How much gizzard, pork neckbones, chitlins, or pigs feet?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MIXEDBEEFPORKFREQ
SAS label: SHS4 Other Beef Dish (frequency)
Question: How often, on average, did you eat mixed dishes with beef or pork, like stew, corned beef hash, stuffed cabbage, or meat dish with noodles in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4MIXEDBEEFPORKQUAN
SAS label: SHS4 Other Beef Dish (quantity)
Question: How much mixed dishes with beef or pork, like stew, corned beef has, stuffed cabbage, or meat dish with noodles?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MIXEDCHICKFREQ
SAS label: SHS4 Other Chicken dishes (frequency)
Question: How often, on average, did you eat mixed dishes with chicken, like chicken casserole, chicken and noodles, pot pie or in stir fry in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4MIXEDCHICKQUAN
SAS label: SHS4 Other Chicken dishes (quantity)
Question: How much mixed dishes with chicken, like chicken casserole, chicken and noodles, pot pie or in stir fry?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FRIEDCHICKENFREQ
SAS label: SHS4 Fried Chicken (frequency)
Question: How often, on average, did you eat fried chicken, at home or in a restaurant in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4FRIEDCHICKENQUAN
SAS label: SHS4 Fried Chicken (quantity)
Question: How many medium pieces of fried chicken?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	.	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NOTFRIEDCHICKENFREQ
SAS label: SHS4 Roast Chicken (frequency)
Question: How often, on average, did you eat chicken or turkey not fried, such as baked, grilled, or on sandwiches in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NOTFRIEDCHICKENQUAN
SAS label: SHS4 Roast Chicken (quantity)
Question: How much chicken or turkey not fried, such as baked, grilled or in sandwiches?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CHICKENSKINTYPE
SAS label: SHS4 How Often Eat Skin on Chicken
Question: When you eat chicken, do you ...?
Note: None

Code or Value	Value description	Skip to item
1	Avoid eating the skin	
2	Sometime eat the skin	
3	Often eat the skin	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4OYSTERSFREQ
SAS label: SHS4 Oysters (frequency)
Question: How often, on average, did you eat oysters in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
.	Missing	

Variable name: S4OYSTERSQUAN
SAS label: SHS4 Oysters (quantity)
Question: How much oysters?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SHELLFISHFREQ
SAS label: SHS4 Shellfish (frequency)
Question: How often, on average, did you eat other shellfish, like shrimp, scallops or crabs in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SHELLFISHQUAN
SAS label: SHS4 Shellfish (quantity)
Question: How much other shellfish like shrimp, scallops or crabs?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4TUNAFREQ
SAS label: SHS4 Tuna (frequency)
Question: How often, on average, did you eat tuna, tuna salad or tuna casserole in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4TUNAUAN
SAS label: SHS4 Tuna (quantity)
Question: How much tuna, tuna salad or tuna casserole?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4FRIEDFISHFREQ
SAS label: SHS4 Fried Fish (frequency)
Question: How often, on average, did you eat fried fish or fish sandwiches, at home or in a restaurant in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4FRIEDFISHQUAN
SAS label: SHS4 Fried Fish (quantity)
Question: How much fried fish or fish sandwiches?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NOTFRIEDFISHFREQ
SAS label: SHS4 Other Fish (frequency)
Question: How often, on average, did you eat other fish, not fried in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NOTFRIEDFISHQUAN
SAS label: SHS4 Other Fish (quantity)
Question: How much other fish, not fried?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4HOTDOGFREQ
SAS label: SHS4 Hot Dogs (frequency)
Question: How often, on average, did you eat hot dogs or sausage like Polish, Italian or choizos in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4HOTDOGQUAN
SAS label: SHS4 Hot Dogs (quantity)
Question: How many hot dogs or sausage like Polish, Italian or chorizos?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	.	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4HOTDOGTYPE
SAS label: SHS4 Type Hot Dogs
Question: Are your hot dogs ...?
Note: None

Code or Value	Value description	Skip to item
1	Usually low-fat	
2	Sometimes low-fat	
3	Hardly ever low-fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BOLOGNAFREQ
SAS label: SHS4 Lunch Meats (frequency)
Question: How often, on average, did you eat boloney, sliced ham, turkey lunch meat, or other lunch meat in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4BOLOGNAQUAN
SAS label: SHS4 Lunch Meats (quantity)
Question: How many slices of boloney, sliced ham, turkey lunch meat or other lunch meat?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BOLOGNATYPE
SAS label: SHS4 Type Lunch Meat
Question: Are your lunch meats ...?
Note: None

Code or Value	Value description	Skip to item
1	Usually low-fat or turkey	
2	Sometimes low-fat	
3	Hardly ever low-fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4OTHERNOODLESFREQ
SAS label: SHS4 Other Noodles (frequency)
Question: How often, on average, did you eat noodles, macaroni or pasta salad in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4OTHERNOODLESQUAN
SAS label: SHS4 Other Noodles (quantity)
Question: How much noodles, macaroni, or pasta salad?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4TOFUFREQ
SAS label: SHS4 Tofu (frequency)
Question: How often, on average, did you eat tofu or bean curd in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4TOFUQUAN
SAS label: SHS4 Tofu (quantity)
Question: How much tofu or bean curd?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MEATSUBSTITUTEFREQ
SAS label: SHS4 Meat Substitutes (frequency)
Question: How often, on average, did you eat meat substitutes, such as veggie burgers or Gardenburgers in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4MEATSUBSTITUTEQUAN
SAS label: SHS4 Meat Substitutes (quantity)
Question: How many patties of meat substitutes such as veggie burgers or Gardenburgers?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CHINESEFREQ
SAS label: SHS4 Chinese food (frequency)
Question: How often, on average, did you eat Chinese food, Thai or other Asian food, not counted above in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CHINESEQUAN
SAS label: SHS4 Chinese food (quantity)
Question: How much Chinese food, Thai or other Asian food, not counted above?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SALTYSNACKSFREQ
SAS label: SHS4 Chips (frequency)
Question: How often, on average, did you eat snacks like potato chips, corn chips, popcorn (not pretzels) in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4SALTYSNACKSQUAN
SAS label: SHS4 Chips (quantity)
Question: How much snacks like potato chips, corn chips, popcorn (not pretzels)?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SNACKTYPE
SAS label: SHS4 Type of snacks
Question: Are these snacks ...?
Note: None

Code or Value	Value description	Skip to item
1	Usually low-fat	
2	Sometimes low-fat	
3	Hardly ever low-fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NUTSFREQ
SAS label: SHS4 Nuts (frequency)
Question: How often, on average, did you eat peanuts, other nuts or seeds in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NUTSQUAN
SAS label: SHS4 Nuts (quantity)
Question: How much peanuts, other nuts or seeds?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CRACKERFREQ
SAS label: SHS4 Crackers (frequency)
Question: How often, on average, did you eat crackers in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CRACKERQUAN
SAS label: SHS4 Crackers (quantity)
Question: How much crackers?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DONUTFREQ
SAS label: SHS4 Donuts (frequency)
Question: How often, on average, did you eat doughnuts or Danish pastry in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4DONUTQUAN
SAS label: SHS4 Donuts (quantity)
Question: How many doughnuts or Danish pastry?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CAKEFREQ
SAS label: SHS4 Cake (frequency)
Question: How often, on average, did you eat cake, sweet rolls or coffee cake in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CAKEQUAN
SAS label: SHS4 Cake (quantity)
Question: How much cake, sweet rolls or coffee cake?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CAKETYPE
SAS label: SHS4 Type of cakes
Question: Are your cakes ...?
Note: None

Code or Value	Value description	Skip to item
1	Usually low-fat	
2	Sometimes low-fat	
3	Hardly ever low-fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COOKIESFREQ
SAS label: SHS4 Cookies (frequency)
Question: How often, on average, did you eat cookies in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4COOKIESQUAN
SAS label: SHS4 Cookies (quantity)
Question: How many cookies?
Note: None

Code or Value	Value description	Skip to item
1	1-2	
2	3-5	
3	6-7	
4	8+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4COOKIETYPE
SAS label: SHS4 Type of cookies
Question: Were your cookies?
Note: None

Code or Value	Value description	Skip to item
1	Usually low-fat	
2	Sometimes low-fat	
3	Hardly ever low-fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4ICECREAMFREQ
SAS label: SHS4 Ice cream (frequency)
Question: How often, on average, did you eat ice cream, ice milk or ice cream bars in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4ICECREAMQUAN
SAS label: SHS4 Ice cream (quantity)
Question: How much ice cream, ice milk, or ice cream bars?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4ICECREAMTYPE
SAS label: SHS4 Type of ice cream
Question: Is your ice cream ...?
Note: None

Code or Value	Value description	Skip to item
1	Usually low-fat	
2	Sometimes low-fat	
3	Hardly ever low-fat	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PUMPKINPIEFREQ
SAS label: SHS4 Pumpkin Pie (frequency)
Question: How often, on average, did you eat pumpkin pie or sweet potato pie in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4PUMPKINPIEQUAN
SAS label: SHS4 Pumpkin Pie (quantity)
Question: How many slices of pumpkin pie or sweet potato pie?
Note: None

Code or Value	Value description	Skip to item
1	1/2	
2	1	
3	2	
4	3	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4OTHERPIEFREQ
SAS label: SHS4 Other pie (frequency)
Question: How often, on average, did you eat any other pie or cobbler in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4OTHERPIEQUAN
SAS label: SHS4 Other pie (quantity)
Question: How many slices of other pie or cobbler?
Note: None

Code or Value	Value description	Skip to item
1	1/2	
2	1	
3	2	
4	3	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CHOCOLATECANDYFREQ
SAS label: SHS4 Chocolate candy (frequency)
Question: How often, on average, did you eat chocolate candy or candy bars in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CHOCOLATECANDYQUAN
SAS label: SHS4 Chocolate candy (quantity)
Question: How many bars of chocolate candy or candy bars?
Note: None

Code or Value	Value description	Skip to item
1	1 small	
2	1 medium	
3	1 large	
4	2 large	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4CANDYFREQ
SAS label: SHS4 Other candy (frequency)
Question: How often, on average, did you eat other candy, not chocolate, like hard candy, caramel or jelly beans in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4CANDYQUAN
SAS label: SHS4 Other candy (quantity)
Question: How many pieces of other candy, not chocolate, like hard candy, caramel or jelly beans?
Note: None

Code or Value	Value description	Skip to item
1	1-2	
2	3-5	
3	6-7	
4	8+	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BISCUITSFREQ
SAS label: SHS4 Biscuits (frequency)
Question: How often, on average, did you eat biscuits or muffins in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4BISCUITSQUAN
SAS label: SHS4 Biscuits (quantity)
Question: How many biscuits or muffins?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BAGELFREQ
SAS label: SHS4 Bagels, English Muffins (frequency)
Question: How often, on average, did you eat rolls, hamburger buns, English muffins or bagels in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4BAGELQUAN
SAS label: SHS4 Bagels, English Muffins (quantity)
Question: How many rolls, hamburger buns, English muffins or bagels?
Note: None

Code or Value	Value description	Skip to item
1	1/2	
2	1	
3	2	
4	3	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DARKBREADFREQ
SAS label: SHS4 Dark Bread (frequency)
Question: How often, on average, did you eat dark bread like rye or whole wheat, including in sandwiches in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4DARKBREADQUAN
SAS label: SHS4 Dark Bread (quantity)
Question: How many slices of dark bread like rye or whole wheat including in sandwiches?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4OTHERBREADFREQ
SAS label: SHS4 White Bread (frequency)
Question: How often, on average, did you eat white bread or toast, including French, Italian, or in sandwiches in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4OTHERBREADQUAN
SAS label: SHS4 White Bread (quantity)
Question: How many slices of white bread or toast, including French, Italian, or in sandwiches?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

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Variable name: S4CORNBREADFREQ
SAS label: SHS4 Corn Bread (frequency)
Question: How often, on average, did you eat corn bread or corn muffins in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4CORNBREADQUAN
SAS label: SHS4 Corn Bread (quantity)
Question: How many pieces of corn bread or corn muffins?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

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Variable name: S4TORTILLASFREQ
SAS label: SHS4 Flour Tortillas (frequency)
Question: How often, on average, did you eat tortillas in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4TORTILLASQUAN
SAS label: SHS4 Flour Tortillas (quantity)
Question: How many tortillas?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

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Variable name: S4RICEFREQ
SAS label: SHS4 Rice (frequency)
Question: How often, on average, did you eat rice or dishes made with rice in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4RICEQUAN
SAS label: SHS4 Rice (quantity)
Question: How much rice or dishes made with rice?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

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Variable name: S4MARGARINEFREQ
SAS label: SHS4 Margarine (frequency)
Question: How often, on average, did you eat margarine (not butter) on bread or on potatoes or vegetables in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4MARGARINEQUAN
SAS label: SHS4 Margarine (quantity)
Question: How many pats (tsps.) of margarine (not butter) on bread or potatoes or vegetables?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BUTTERFREQ
SAS label: SHS4 Butter (frequency)
Question: How often, on average, did you eat butter (not margarine) on bread or potatoes or vegetables in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4BUTTERQUAN
SAS label: SHS4 Butter (quantity)
Question: How many pats (tsps.) of butter (not margarine) on bread or potatoes or vegetables?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

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Variable name: S4GRAVYFREQ
SAS label: SHS4 Gravy (frequency)
Question: How often, on average, did you eat gravy in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4GRAVYQUAN
SAS label: SHS4 Gravy (quantity)
Question: How many tablespoons of gravy?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

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Variable name: S4PEANUTBUTTERFREQ
SAS label: SHS4 Peanut butter (frequency)
Question: How often, on average, did you eat peanut butter in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4PEANUTBUTTERQUAN
SAS label: SHS4 Peanut butter (quantity)
Question: How many tablespoons of peanut butter?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4JELLYFREQ
SAS label: SHS4 Jelly (frequency)
Question: How often, on average, did you eat jelly, jam or syrup in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4JELLYQUAN
SAS label: SHS4 Jelly (quantity)
Question: How many tablespoons of jelly, jam, or syrup?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

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Variable name: S4MAYOFREQ
SAS label: SHS4 Mayonnaise (frequency)
Question: How often, on average, did you eat mayonnaise or sandwich spreads in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4MAYOQUAN
SAS label: SHS4 Mayonnaise (quantity)
Question: How many tablespoons of mayonnaise or sandwich spreads?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

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Variable name: S4SALSAFREQ
SAS label: SHS4 Catsup (frequency)
Question: How often, on average, did you eat catsup, salsa or chile peppers in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4SALSAQUAN
SAS label: SHS4 Catsup (quantity)
Question: How many tablespoons of catsup, salsa, or chile peppers?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

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Variable name: S4MUSTARDFREQ
SAS label: SHS4 Mustard (frequency)
Question: How often, on average, did you eat mustard, soy sauce, steak sauce, barbecue sauce or other sauces in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never or a few times per year	
2	Once per month	
3	2-3 times per month	
4	Once per week	
5	2 times per week	
6	3-4 times per week	
7	5-6 times per week	
8	Every day	
9	Twice a day	
.	Missing	

Variable name: S4MUSTARDQUAN
SAS label: SHS4 Mustard (quantity)
Question: How many tablespoons of mustard, soy sauce, steak sauce, barbeque sauce or other sauces?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PICTURE
SAS label: SHS4 Used pictures for serving sizes
Question: Did you use the pictures to choose your serving size on this form?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
3	I didn't have any pictures	
.	Missing	

Variable name: S4HEALTHSTATUS
SAS label: SHS4 Current Health Status
Question: 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	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4WEIGHTLOSSDIET
SAS label: SHS4 How many times on a diet
Question: How many times have you gone on a diet?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	1-2 times	
3	3-5 times	
4	6-8 times	
5	9-11 times	
.	Missing	

Variable name: S4DRANKMORE
SAS label: SHS4 Ever drink more alcohol
Question: Did you ever drink more beer, wine or liquor than you do now?
Note: None

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

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Variable name: S4TVWATCH
SAS label: SHS4 Hours watching TV
Question: How many hours do you watch television or video, per day or per week on average?
Note: None

Code or Value	Value description	Skip to item
1	None	
2	1-6 hours/week	
3	1 hour/day	
4	2 hours/day	
5	3 hours/day	
6	4+ hours/day	
.	Missing	

Variable name: S4SMOKE
SAS label: SHS4 Smoke cigarettes
Question: Do you smoke cigarettes now?
Note: None

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

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Variable name: S4CURRENTSMOKE
SAS label: SHS4 How many cigarettes
Question: On average about how many cigarettes a day do you smoke now?
Note: None

Code or Value	Value description	Skip to item
1	1-5 cigarettes	
2	6-14 cigarettes	
3	15-24 cigarettes	
4	25-34 cigarettes	
5	35 or more cigarettes	
.	Missing	

Variable name: S4LANGUAGE
SAS label: SHS4 Language spoken at home or with friends
Question: What language do you usually speak at home or with friends?
Note: None

Code or Value	Value description	Skip to item
1	English	
2	Spanish	
3	Something else	
4	English and something else equally	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4HISPANICORLATINO
SAS label: Hispanic or Latino
Question: What is your ethnic group?
Note: Mark one or more

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

Variable name: S4BLACKORAA
SAS label: Black or African American
Question: What is your ethnic group?
Note: Mark one or more

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

Variable name: S4AIORAN
SAS label: American Indian or Alaska Native
Question: What is your ethnic group?
Note: Mark one or more

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

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Variable name: S4WHITE
SAS label: White, not Hispanic
Question: What is your ethnic group?
Note: Mark one or more

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

Variable name: S4ASIAN
SAS label: Asian
Question: What is your ethnic group?
Note: Mark one or more

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

Variable name: S4HAWAIIANORPI
SAS label: Hawaiian / Pacific Islander
Question: What is your ethnic group?
Note: Mark one or more

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

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Variable name: S4NAMSPAMFREQ
SAS label: SHS4 Spam (frequency)
Question: How often, on average, did you eat spam in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMSPAMQUAN
SAS label: SHS4 Spam (quantity)
Question: How much spam?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NAMMENUDOFREQ
SAS label: SHS4 Menudo (frequency)
Question: How often, on average, did you eat menudo in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMMENUDOQUAN
SAS label: SHS4 Menudo (quantity)
Question: How much menudo?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NAMPOSOLEFREQ
SAS label: SHS4 Pazole (frequency)
Question: How often, on average, did you eat pazole in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMPOSOLEQUAN
SAS label: SHS4 Pazole (quantity)
Question: How much pazole?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NAMGUYVSAFREQ
SAS label: SHS4 Guyvsava (frequency)
Question: How often, on average, did you eat guyvsava in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMGUYVSAQUAN
SAS label: SHS4 Guyvsava (quantity)
Question: How much guyvsava?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NAMRGCHILISTEWFREQ
SAS label: SHS4 Red Chili Stew or Green Chili Stew (frequency)
Question: How often, on average, did you eat red chili stew or green chili stew in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMRGCHILISTEWQUAN
SAS label: SHS4 Red Chili Stew or Green Chili Stew (quantity)
Question: How much red chili stew or green chili stew?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NAMINDIANTACOFREQ
SAS label: SHS4 Indian Taco (frequency)
Question: How often, on average, did you eat Indian tacos in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMINDIANTACOQUAN
SAS label: SHS4 Indian Taco (quantity)
Question: How much Indian tacos?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NAMFRYBREADFREQ
SAS label: SHS4 Frybread (frequency)
Question: How often, on average, did you eat frybread in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMFRYBREADQUAN
SAS label: SHS4 Frybread (quantity)
Question: How much frybread?
Note: None

Code or Value	Value description	Skip to item
1	1/4 cup	
2	1/2 cup	
3	1 cup	
4	2 cups	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NAMCORNTORTILLASFREQ
SAS label: SHS4 Corn tortillas (frequency)
Question: How often, on average, did you eat corn tortillas in the past year?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMCORNTORTILLASQUAN
SAS label: SHS4 Corn tortillas (quantity)
Question: How often, on average, did you eat flour tortillas in the past year?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4NAMFLOURTORTILLASFREQ
SAS label: SHS4 Flour tortillas (frequency)
Question: How many corn tortillas?
Note: None

Code or Value	Value description	Skip to item
1	Never	
2	A few times per year	
3	Once per month	
4	2-3 times per month	
5	Once per week	
6	2 times per week	
7	3-4 times per week	
8	5-6 times per week	
9	Every day	
.	Missing	

Variable name: S4NAMFLOURTORTILLASQUAN
SAS label: SHS4 Flour tortillas (quantity)
Question: How many flour tortillas?
Note: None

Code or Value	Value description	Skip to item
1	1	
2	2	
3	3	
4	4	
.	Missing	

NUTRIENT DATA

Variable name: S4DT_KCAL
SAS label: SHS4 Food Energy (kcal)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_PROT
SAS label: SHS4 Protein (gm)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_CARB
SAS label: SHS4 Carbohydrate (gm)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_CALC
SAS label: SHS4 Calcium (mg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DT_PHOS
SAS label: SHS4 Phosphorus (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_IRON
SAS label: SHS4 Iron (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_SODI
SAS label: SHS4 Sodium (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_POTA
SAS label: SHS4 Potassium (mg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DT_VA
SAS label: SHS4 Vitamin A (IU)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_VARAE
SAS label: SHS4 Vitamin A RAE (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_THIA
SAS label: SHS4 Thiamin (Vitamin B1) (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_RIBO
SAS label: SHS4 Riboflavin (Vitamin B2) (mg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DT_NIAC
SAS label: SHS4 Niacin (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_VITC
SAS label: SHS4 Vitamin C (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_CHOL
SAS label: SHS4 Cholesterol (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_FIBE
SAS label: SHS4 Dietary Fiber (gm)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DT_FOLFD
SAS label: SHS4 Food Folate (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_ATOC
SAS label: SHS4 Vitamin E as Alpha-Tocopherol (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_ZINC
SAS label: SHS4 Total Zinc (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_AN_ZN
SAS label: SHS4 Animal Source Zinc (mg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DT_VITB6
SAS label: SHS4 Vitamin B6 (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_MAGN
SAS label: SHS4 Magnesium (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_ACARO
SAS label: SHS4 Alpha-Carotene (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_BCARO
SAS label: SHS4 Beta-Carotene (mcg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DT_CRYPT
SAS label: SHS4 Cryptoxanthin Beta (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_LUTZE
SAS label: SHS4 Lutein-Zeaxanthin (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_LYCO
SAS label: SHS4 Lycopene (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_RET
SAS label: SHS4 Retinol (mcg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4DT_PROA
SAS label: SHS4 Protein Vitamin A (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4GENISTEN
SAS label: SHS4 Genistein (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DAIDZEN
SAS label: SHS4 Daidzein (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DT_VITD
SAS label: SHS4 Vitamin D (IU)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4GRP_SOLID_TOTAL_GRAMS
SAS label: SHS4 Average Daily Solid Food (gm)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4PCTFAT
SAS label: SHS4 % of kcal from Fat
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4PCTPROT
SAS label: SHS4 % of kcal from Protein
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4PCTCARB
SAS label: SHS4 % of kcal from Carbohydrate
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4PCTSWEET
SAS label: SHS4 % of kcal from Sweets or Desserts
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4PCTALCH
SAS label: SHS4 % of kcal from Alcoholic Beverages
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4BA_PFAT
SAS label: SHS4 % Fat kcals (alcoholic beverages not in denominator)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4BA_PPROT
SAS label: SHS4 % Protein kcals (alc. beverages not in denominator)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4BA_PCARB
SAS label: SHS4 % Carbohydrate kcals (alc. beverages not in denom.)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4GRP_BEANFIBER_TOTAL_FIBE
SAS label: SHS4 Dietary Fiber from Beans (gm)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4GRP_VEGETABLESFRUITFIBER_TOTAL
SAS label: SHS4 Dietary Fiber from Vegetables, Fruits (gm)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4GRP_GRAINFIBER_TOTAL_FIBE
SAS label: SHS4 Dietary Fiber from Grains (gm)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SUP_VITA
SAS label: SHS4 Vitamin A from Supplements (IU)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_VITC
SAS label: SHS4 Vitamin C from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_VITD
SAS label: SHS4 Vitamin D from Supplements (IU)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_VITE
SAS label: SHS4 Vitamin E from Supplements (a-TE)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SUP_IRON
SAS label: SHS4 Iron from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_CA
SAS label: SHS4 Calcium from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_ZINC
SAS label: SHS4 Zinc from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_BCAR
SAS label: SHS4 Beta-Carotene from Supplements (mcg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SUP_B1
SAS label: SHS4 B-1 (Thiamin) from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_B6
SAS label: SHS4 B-6 from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_B12
SAS label: SHS4 B-12 from Supplements (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_FOL
SAS label: SHS4 Folic Acid from Supplements (mcg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SUP_CU
SAS label: SHS4 Copper from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_SE
SAS label: SHS4 Selenium from Supplements (mcg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_B2
SAS label: SHS4 Riboflavin from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4SUP_MG
SAS label: SHS4 Magnesium from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4SUP_NIAC
SAS label: SHS4 Niacin from Supplements (mg)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4VEGSRV
SAS label: SHS4 Daily Servings: Vegetables
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4FRUITSRV
SAS label: SHS4 Daily Servings: Fruits (Fruit Juices)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4GRAINSRV
SAS label: SHS4 Daily Servings: Grains (Breads, Cereals, Rice, Pasta)
Question: None
Note: Nutrient data generated by Block

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

Block 98 Food Frequency Questionnaire and Nutrient Data

Variable name: S4MEATSRV
SAS label: SHS4 Daily Servings: Meat (Fish, Poultry, Beans, Eggs)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4DAIRYSRV
SAS label: SHS4 Daily Servings: Dairy (Milk, Yogurt, Cheese)
Question: None
Note: Nutrient data generated by Block

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

Variable name: S4FATSRV
SAS label: SHS4 Daily Servings: Fats (Oils, Sweets, Sodas)
Question: None
Note: Nutrient data generated by Block

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

SUGAR AND FAT DATA CALCULATED BY BLOCK

Variable name: S4DT_TFAT
SAS label: SHS4 Total fat (gm)

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

Variable name: S4DT_SFAT
SAS label: SHS4 Saturated fat (gm)

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

Variable name: S4DT_MFAT
SAS label: SHS4 Monounsaturated fat (gm)

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

Variable name: S4DT_PFAT
SAS label: SHS4 Polyunsaturated fat (gm)

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

Variable name: S4DT_FA182
SAS label: SHS4 Dietary PUFA (~N-6) 18:2 (gm)

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

Variable name: S4DT_FA183
SAS label: SHS4 Dietary PUFA (~N-3) 18:3 (gm)

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

Variable name: S4DT_FA184
SAS label: SHS4 Dietary PUFA (~N-3) 18:4 (gm)

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

Variable name: S4DT_FA204
SAS label: SHS4 Dietary PUFA (~N-6) 20:4 (gm)

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

Variable name: S4DT_FA205
SAS label: SHS4 Dietary N-3 PUFA 20:5 (EPA) (gm)

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

Variable name: S4DT_FA225
SAS label: SHS4 Dietary N-3 PUFA 22:5 (DPA) (gm)

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

Variable name: S4DT_FA226
SAS label: SHS4 Dietary N-3 PUFA 22:6 (DHA) (gm)

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

Variable name: S4DT_TOTN6
SAS label: SHS4 Avg. daily omega-6 FA (gm)

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

Variable name: S4DT_TOTN3
SAS label: SHS4 Avg. daily omega-3 FA (gm)

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

Variable name: S4DT_TRFAT
SAS label: SHS4 Avg. daily trans fat intake (gm)

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

Variable name: S4DT_SUG_T
SAS label: SHS4 Total sugars, natural and added (gm)

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

Variable name: S4DT_FRUCT
SAS label: SHS4 Fructose (gm)

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

Variable name: S4DT_LACT
SAS label: SHS4 Lactose (gm)

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

Variable name: S4DT_MALT
SAS label: SHS4 Maltose (gm)

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

Variable name: S4DT_GALAC
SAS label: SHS4 Galactose (gm)

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

Variable name: S4DT_SUCR
SAS label: SHS4 Sucrose (gm)

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

Variable name: S4DT_GLUC
SAS label: SHS4 Glucose (gm)

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

Variable name: S4ADD_SUG
SAS label: SHS4 Added sugars (teaspoon equivalents)

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

Variable name: S4DFAT_OIL
SAS label: SHS4 Discretionary fat, oil (gm)

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

Variable name: S4DFAT_SOL
SAS label: SHS4 Discretionary fat, solid (gm)

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

GLYCEMIC INDEX/LOAD DATA CALCULATED BY BLOCK

Variable name: S4LOAD001
SAS label: SHS4 Apples, pears
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD002
SAS label: SHS4 Bananas
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD004
SAS label: SHS4 Fresh peaches, apricots
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD008
SAS label: SHS4 Canned fruit
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD010
SAS label: SHS4 Oranges
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD011
SAS label: SHS4 Orange juice
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD012
SAS label: SHS4 Grapefruit
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD014
SAS label: SHS4 Hi-C, KoolAid
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD016
SAS label: SHS4 Green beans
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD018
SAS label: SHS4 Baked beans, pintos
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD019
SAS label: SHS4 Corn
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD022
SAS label: SHS4 Raw tomatoes
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD023
SAS label: SHS4 Salsa, ketchup
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD024
SAS label: SHS4 Broccoli
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD027
SAS label: SHS4 Spinach
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD028
SAS label: SHS4 Greens, collards
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD029
SAS label: SHS4 Coleslaw, cabbage
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD030
SAS label: SHS4 Carrots
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD031
SAS label: SHS4 Green salad
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD032
SAS label: SHS4 French fries
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD033
SAS label: SHS4 Sweet potatoes
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD034
SAS label: SHS4 Potatoes not fried
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD035
SAS label: SHS4 Rice
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD036
SAS label: SHS4 Other vegetables
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD038
SAS label: SHS4 Hamburgers
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD039
SAS label: SHS4 Beef roast, steak
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD041
SAS label: SHS4 Liver
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD042
SAS label: SHS4 Pork
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD043
SAS label: SHS4 Fried chicken
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD044
SAS label: SHS4 Chicken not fried
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD045
SAS label: SHS4 Fried fish
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD046
SAS label: SHS4 Tuna
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD047
SAS label: SHS4 Shellfish
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD048
SAS label: SHS4 Fish not fried
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD049
SAS label: SHS4 Spaghetti, tomato sauce
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD050
SAS label: SHS4 Pizza
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD051
SAS label: SHS4 Cheese dishes
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD053
SAS label: SHS4 Hot dogs
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD054
SAS label: SHS4 Ham, lunch meats
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD055
SAS label: SHS4 Vegetable soup
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD056
SAS label: SHS4 Other soups
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD057
SAS label: SHS4 White bread
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD058
SAS label: SHS4 Dark bread
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD059
SAS label: SHS4 Cornbread
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD060
SAS label: SHS4 Salty snacks, chips
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD061
SAS label: SHS4 Peanut butter
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD063
SAS label: SHS4 Margarine
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD064
SAS label: SHS4 Salad dressing
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD065
SAS label: SHS4 Gravy
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD066
SAS label: SHS4 Fiber cereals
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD067
SAS label: SHS4 Total, Product 19 cereal
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD068
SAS label: SHS4 Cold cereals
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD069
SAS label: SHS4 Cooked cereal
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD071
SAS label: SHS4 Eggs
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD072
SAS label: SHS4 Bacon
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD073
SAS label: SHS4 Sausage
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD074
SAS label: SHS4 Ice cream
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD075
SAS label: SHS4 Doughnuts, pastries
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD076
SAS label: SHS4 Pumpkin pie
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD077
SAS label: SHS4 Pies
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD078
SAS label: SHS4 Chocolate candy
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD081
SAS label: SHS4 Cheese
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD082
SAS label: SHS4 Yogurt, frozen yogurt
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD083
SAS label: SHS4 Whole milk
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD084
SAS label: SHS4 2% milk
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD085
SAS label: SHS4 Nonfat milk
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD086
SAS label: SHS4 Soft drinks
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD088
SAS label: SHS4 Beer
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD089
SAS label: SHS4 Wine, wine coolers
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD090
SAS label: SHS4 Liquor
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD092
SAS label: SHS4 Coffee
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD093
SAS label: SHS4 Tea
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD095
SAS label: SHS4 Milk in coffee/tea
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD096
SAS label: SHS4 Cream
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD097
SAS label: SHS4 Sugar in coffee/tea
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD104
SAS label: SHS4 Mixed dishes with beef
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD105
SAS label: SHS4 Mixed dishes with chicken
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD112
SAS label: SHS4 Crackers
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD115
SAS label: SHS4 Low-fat cheese
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD117
SAS label: SHS4 Low-fat ice cream
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD119
SAS label: SHS4 Bagels, English muffins
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD120
SAS label: SHS4 Biscuits, muffins
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD121
SAS label: SHS4 Pancakes, waffles
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD122
SAS label: SHS4 Breakfast or diet shakes
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD128
SAS label: SHS4 Milk on cereal
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD132
SAS label: SHS4 Diet salad dressing
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD133
SAS label: SHS4 Cookies, regular
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD134
SAS label: SHS4 Cookies, lowfat
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD149
SAS label: SHS4 Lowfat lunch meats
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD152
SAS label: SHS4 Tomato juice, V8
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD154
SAS label: SHS4 Soy milk
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD155
SAS label: SHS4 Rice milk
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD156
SAS label: SHS4 1% milk
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD157
SAS label: SHS4 Orange juice with calcium
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD160
SAS label: SHS4 Real fruit juice
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD170
SAS label: SHS4 Peanuts, other nuts
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD177
SAS label: SHS4 Lowfat cake
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD178
SAS label: SHS4 cake, regular
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD198
SAS label: SHS4 Mayonnaise
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD199
SAS label: SHS4 Olive oil, canola
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD200
SAS label: SHS4 Vegetable oil
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD201
SAS label: SHS4 Margarine, butter
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD202
SAS label: SHS4 Soft margarine
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD203
SAS label: SHS4 Stick margarine
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD204
SAS label: SHS4 Lard
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD205
SAS label: SHS4 Crisco
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD206
SAS label: SHS4 Diet margarine
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD207
SAS label: SHS4 Whipped butter
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD285
SAS label: SHS4 Pork, fat trimmed
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD286
SAS label: SHS4 Pork, not trimmed
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD287
SAS label: SHS4 Fried Chicken w/o skin
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD288
SAS label: SHS4 Fried Chicken with skin
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD289
SAS label: SHS4 NonFried Chicken w/o skin
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD290
SAS label: SHS4 NonFried Chicken w/skin
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD291
SAS label: SHS4 Fried Chick. no skin light
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD292
SAS label: SHS4 Fried Chicken w/skin light
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD293
SAS label: SHS4 NonFried Chick no skin light
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD294
SAS label: SHS4 NonFr Chick w/skin light
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD295
SAS label: SHS4 Beef, fat trimmed off
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD296
SAS label: SHS4 Beef, fat not trimmed
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD297
SAS label: SHS4 Beef, trimmed, extralean
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD298
SAS label: SHS4 Hamburger, regular
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4LOAD299
SAS label: SHS4 Hamburger, extra lean
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4GL_GLUC
SAS label: SHS4 Daily Glycemic Load (glucose scale)
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4GL_BREAD
SAS label: SHS4 Daily Glycemic Load (white bread scale)
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4GI_GLUC
SAS label: SHS4 Daily Glycemic Index (glucose scale)
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

Variable name: S4GI_BREAD
SAS label: SHS4 Daily Glycemic Index (white bread scale)
Question: None
Note: Glycemic index/glycemic load data generated by Block

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

GRAM DATA CALCULATED BY BLOCK

Variable name: S4GRAMS001
SAS label: SHS4 Apples or pears (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS002
SAS label: SHS4 Bananas (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS003
SAS label: SHS4 Canned/stewed peaches, apricots (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS004
SAS label: SHS4 Peaches, apricots, fresh in season (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS005
SAS label: SHS4 Cantaloupe in season (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS006
SAS label: SHS4 Cantaloupe (year round) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS007
SAS label: SHS4 Watermelon in season (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS008
SAS label: SHS4 Canned fruit, applesauce (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS009
SAS label: SHS4 Strawberries in season (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS010
SAS label: SHS4 Oranges, tangerines (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS011
SAS label: SHS4 Orange juice, grapefruit juice (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS012
SAS label: SHS4 Grapefruit (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS013
SAS label: SHS4 Drinks w. some juice, Sunny D (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS014
SAS label: SHS4 KoolAid, Hi-C, Vit.C-rich drinks (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS015
SAS label: SHS4 Other fruits in season (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS016
SAS label: SHS4 Green beans or peas (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS017
SAS label: SHS4 Other fresh fruit (year round) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS018
SAS label: SHS4 Baked beans, blackeye, pintos (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS019
SAS label: SHS4 Corn, fresh, frozen or canned (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS021
SAS label: SHS4 Winter squash (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS022
SAS label: SHS4 Raw tomatoes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS023
SAS label: SHS4 Salsa, ketchup, taco sauce (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS024
SAS label: SHS4 Broccoli (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS025
SAS label: SHS4 Cactus (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS027
SAS label: SHS4 Spinach (cooked) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS028
SAS label: SHS4 Greens like collards (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS029
SAS label: SHS4 Coleslaw, cabbage (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS030
SAS label: SHS4 Carrots (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS031
SAS label: SHS4 Green salad (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS032
SAS label: SHS4 French fries, fried potatoes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS033
SAS label: SHS4 Sweet potatoes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS034
SAS label: SHS4 White potatoes baked, mashed (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS035
SAS label: SHS4 Rice or dishes with rice (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS036
SAS label: SHS4 Other vegetables (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS037
SAS label: SHS4 Table fat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS038
SAS label: SHS4 Hamburger, cheeseburger (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS039
SAS label: SHS4 Beef (roast, steak, sandwiches) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS040
SAS label: SHS4 Vegetable stew (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS041
SAS label: SHS4 Liver, liverwurst (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS042
SAS label: SHS4 Pork chops, roasts, dinner ham (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS043
SAS label: SHS4 Fried chicken (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS044
SAS label: SHS4 Chicken not fried (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS045
SAS label: SHS4 Fried fish (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS046
SAS label: SHS4 Tuna casserole, tuna sandwich (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS047
SAS label: SHS4 Shellfish (shrimp, crab, etc.) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS048
SAS label: SHS4 Fish not fried (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS049
SAS label: SHS4 Spaghetti w/Tom. sauce + meat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS050
SAS label: SHS4 Pizza (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS051
SAS label: SHS4 Cheese dish like macaroni/chees (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS052
SAS label: SHS4 Spaghetti w/Tom. sauce, no meat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS053
SAS label: SHS4 Hot dogs or dinner sausage (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS054
SAS label: SHS4 Ham, boloney, lunch meats (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS055
SAS label: SHS4 Vegetable soup (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS056
SAS label: SHS4 Other soups like chicken noodle (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS057
SAS label: SHS4 White bread, French, Ital.,etc (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS058
SAS label: SHS4 Dark bread, whole wheat, rye (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS059
SAS label: SHS4 Cornbread or hush puppies (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS060
SAS label: SHS4 Salty snacks (chips, popcorn) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS061
SAS label: SHS4 Peanut butter (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS062
SAS label: SHS4 Butter (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS063
SAS label: SHS4 Margarine (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS064
SAS label: SHS4 Salad dressing (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS065
SAS label: SHS4 Gravy (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS066
SAS label: SHS4 High fiber cereals (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS067
SAS label: SHS4 Product 19, Total, Just Right (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS068
SAS label: SHS4 Cereal excl. fiber or fortified (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS069
SAS label: SHS4 Cooked cereal or grits (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS070
SAS label: SHS4 Sugar (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS071
SAS label: SHS4 Eggs or egg biscuits (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS072
SAS label: SHS4 Bacon (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS073
SAS label: SHS4 Breakfast sausage (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS074
SAS label: SHS4 Ice cream (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS075
SAS label: SHS4 Doughnuts, pastry (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS076
SAS label: SHS4 Pumpkin pie, sweet potato pie (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS077
SAS label: SHS4 Pie or cobbler (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS078
SAS label: SHS4 Chocolate candy, candy bars (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS079
SAS label: SHS4 Candy (not chocolate) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS080
SAS label: SHS4 Cottage cheese (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS081
SAS label: SHS4 Cheese and cheese spreads (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS082
SAS label: SHS4 Yogurt, frozen yogurt (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS083
SAS label: SHS4 Whole milk (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS084
SAS label: SHS4 Reduced fat 2 % Milk (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS085
SAS label: SHS4 Nonfat milk (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS086
SAS label: SHS4 Soft drinks or Snapple not diet (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS087
SAS label: SHS4 Diet soft drinks (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS088
SAS label: SHS4 Beer (regular) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS089
SAS label: SHS4 Wine or wine coolers (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS090
SAS label: SHS4 Liquor or mixed drinks (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS091
SAS label: SHS4 Light beer (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS092
SAS label: SHS4 Coffee (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS093
SAS label: SHS4 Tea or iced tea (not herbal) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS094
SAS label: SHS4 Nondairy creamer (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS095
SAS label: SHS4 Milk in coffee/tea (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS096
SAS label: SHS4 Cream or half & half (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS097
SAS label: SHS4 Sugar or honey in coffee/tea (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS098
SAS label: SHS4 Non-alcoholic beer (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS099
SAS label: SHS4 Water (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS101
SAS label: SHS4 Veal, lamb or deer meat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS102
SAS label: SHS4 Chili with beans (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS103
SAS label: SHS4 Tofu, bean curd (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS104
SAS label: SHS4 Mixed dishes with beef or pork (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS105
SAS label: SHS4 Mixed dishes with chicken (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS106
SAS label: SHS4 Chinese dishes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS108
SAS label: SHS4 Alfalfa sprouts (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS109
SAS label: SHS4 Refried beans, bean burritos (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS110
SAS label: SHS4 Polish or Italian sausage (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS111
SAS label: SHS4 Low-fat salty snacks (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS112
SAS label: SHS4 Crackers (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS113
SAS label: SHS4 Salt only (175 mg Na per serv) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS114
SAS label: SHS4 Oysters (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS115
SAS label: SHS4 Low-fat cheese & cheese spread (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS116
SAS label: SHS4 Reduced fat mayonnaise (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS117
SAS label: SHS4 Low-fat ice cream (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS118
SAS label: SHS4 Low-fat yogurt (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS119
SAS label: SHS4 Bagels, Eng.muffins, buns (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS120
SAS label: SHS4 Biscuits, muffins (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS121
SAS label: SHS4 Pancakes, waffles, Pop Tarts (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS122
SAS label: SHS4 Breakfast or diet shakes,Ensure (gm)
Q Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS123
SAS label: SHS4 Pudding (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS124
SAS label: SHS4 Breakfast bars, Power bars (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS125
SAS label: SHS4 Spam (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS126
SAS label: SHS4 Menudo (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS127
SAS label: SHS4 Pazole (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS128
SAS label: SHS4 Milk on Cereal (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS129
SAS label: SHS4 Corn tortillas (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS130
SAS label: SHS4 Flour tortillas (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS131
SAS label: SHS4 Sour cream, dips, guacamole (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS132
SAS label: SHS4 Diet salad dressing (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS133
SAS label: SHS4 Cookies, regular (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS134
SAS label: SHS4 Cookies, low-fat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS135
SAS label: SHS4 Guysava (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS136
SAS label: SHS4 Cooked green peppers, chile relenos (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS137
SAS label: SHS4 Stuffing (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS138
SAS label: SHS4 Peas (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS139
SAS label: SHS4 Lentil, pea or bean soup (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS140
SAS label: SHS4 Egg substitutes, egg whites (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS141
SAS label: SHS4 red/green chili stew (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS142
SAS label: SHS4 Summer squash (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS143
SAS label: SHS4 Ribs, spareribs (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS144
SAS label: SHS4 Gizzard, neckbones, chitlins (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS145
SAS label: SHS4 Mustard, BBQ sauce, other sauce (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS146
SAS label: SHS4 Bean sprouts (cooked) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS147
SAS label: SHS4 Avocado (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS148
SAS label: SHS4 Low-fat hot dogs (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS149
SAS label: SHS4 Low-fat lunch meats (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS150
SAS label: SHS4 Okra (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS151
SAS label: SHS4 Indian taco (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS152
SAS label: SHS4 Tomato juice, V-8 juice (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS153
SAS label: SHS4 Sweetened cereals like frosted flakes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS154
SAS label: SHS4 Soy milk (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS155
SAS label: SHS4 Rice milk (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS156
SAS label: SHS4 Low-fat 1% milk (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS157
SAS label: SHS4 Orange juice with calcium (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS158
SAS label: SHS4 Nachos w. cheese, potato skins (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS159
SAS label: SHS4 Snapple, sweetnd bottled drinks (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS160
SAS label: SHS4 Real fruit juice excluding orange,grapfruit (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS161
SAS label: SHS4 Pineapple (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS162
SAS label: SHS4 Prunes, prune juice (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS163
SAS label: SHS4 Hi-C (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS164
SAS label: SHS4 Cranberry juice cocktail (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS165
SAS label: SHS4 Grapes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS166
SAS label: SHS4 Mangoes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS167
SAS label: SHS4 Papayas (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS168
SAS label: SHS4 Honeydew, cassaba (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS169
SAS label: SHS4 Raisins, other dried fruit (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS170
SAS label: SHS4 Peanuts, other nuts & seeds (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS171
SAS label: SHS4 Frybread (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS177
SAS label: SHS4 Cake, low-fat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS178
SAS label: SHS4 Cake - regular (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS179
SAS label: SHS4 Jelly, jam, syrup (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS180
SAS label: SHS4 Pasta salad, other pasta dish (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS181
SAS label: SHS4 Tortillas - Corn or flour (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS183
SAS label: SHS4 Sherbet or jello (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS184
SAS label: SHS4 Popcorn plain, unbuttered (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS185
SAS label: SHS4 Tacos or burritos (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS186
SAS label: SHS4 Meat substitutes (not just soy) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS187
SAS label: SHS4 Chicken stew, pot pie (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS193
SAS label: SHS4 Cauliflower, brussel sprouts (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS198
SAS label: SHS4 Mayonnaise, sandwich spreads (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS199
SAS label: SHS4 Olive oil, canola oil (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS200
SAS label: SHS4 Vegetable oil (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS201
SAS label: SHS4 Half margarine, half butter (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS202
SAS label: SHS4 Soft margarine (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS203
SAS label: SHS4 Stick margarine (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS204
SAS label: SHS4 Lard (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS205
SAS label: SHS4 Crisco (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS206
SAS label: SHS4 Diet margarine (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS207
SAS label: SHS4 Whipped butter (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS208
SAS label: SHS4 All Bran or Bran Buds cereal (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS209
SAS label: SHS4 Alpha Bits, sugar fruit oat cereal (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS210
SAS label: SHS4 Apple Jacks, apple/cinnamon flavored (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS211
SAS label: SHS4 Bran Chex (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS212
SAS label: SHS4 Bran, wheat, crude (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS213
SAS label: SHS4 Bucwheats (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS214
SAS label: SHS4 Cap'n Crunch, Crunch berries (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS215
SAS label: SHS4 Cheerios (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS216
SAS label: SHS4 Cocoa Krispies-Chocolate flavored rice (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS217
SAS label: SHS4 Cocoa Pebbles, Fruity Pebbles (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS218
SAS label: SHS4 Cocoa Puffs (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS219
SAS label: SHS4 Concentrate Hi Protein Multi-Vi (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS220
SAS label: SHS4 Cookie crisp chocolate chip cereal (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS221
SAS label: SHS4 Corn Chex (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS222
SAS label: SHS4 Cornflakes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS223
SAS label: SHS4 Cracklin Bran, Oat Bran (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS224
SAS label: SHS4 Nutrific (gm)
Q Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS225
SAS label: SHS4 Froot Loops, fruit flavored puffed (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS226
SAS label: SHS4 Frosted Mini-Wheats (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS227
SAS label: SHS4 Fruit Squares, fruit wheats (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS228
SAS label: SHS4 Fruit-n-Fiber cereal, or Fiber1 (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS229
SAS label: SHS4 Fruitful bran (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS230
SAS label: SHS4 Golden Grahams, Frosty O's (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS231
SAS label: SHS4 Graham Crackers (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS232
SAS label: SHS4 Granola-Nature Valley, Heartland (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS233
SAS label: SHS4 Grape nut flakes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS234
SAS label: SHS4 Grape nuts (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS235
SAS label: SHS4 Honey Nut Cheerios (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS236
SAS label: SHS4 Honeycomb Sweetened Corn Cereal (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS237
SAS label: SHS4 Just Right (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS238
SAS label: SHS4 King Vitamin (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS239
SAS label: SHS4 Life, Quaker (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS240
SAS label: SHS4 Muesli (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS241
SAS label: SHS4 Nutrigrain (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS242
SAS label: SHS4 Oat product breakfast oat with soy (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS243
SAS label: SHS4 Pop tarts (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS244
SAS label: SHS4 Post Toasties Corn Flakes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS245
SAS label: SHS4 Product 19-4 Grain Multi-Vitamin (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS246
SAS label: SHS4 Puffa-Puffa rice sugar-coated (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS247
SAS label: SHS4 Puffed rice (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS248
SAS label: SHS4 Puffed wheat, unsweetened (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS249
SAS label: SHS4 Quaker Oats corn bran cereal (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS250
SAS label: SHS4 Quisp (Quaker Oats Co) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS251
SAS label: SHS4 Raisin Bran cereal (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS252
SAS label: SHS4 Raisins, rice, & rye (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS253
SAS label: SHS4 Rice Chex (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS254
SAS label: SHS4 Rice Krispies, Crispix (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS255
SAS label: SHS4 Shredded Wheat, sw & barn (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS256
SAS label: SHS4 Special K-Fort high protein (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS257
SAS label: SHS4 Sugar Frosted Flakes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS258
SAS label: SHS4 Sugar Pops, Corn Pops (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS259
SAS label: SHS4 Sugar Smacks, sugar coated puffed (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS260
SAS label: SHS4 Super sugar crisp (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS261
SAS label: SHS4 Team flakes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS262
SAS label: SHS4 Total - Corn or Wheat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS263
SAS label: SHS4 Wheat Chex (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS264
SAS label: SHS4 Wheat Germ (crude, commerical) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS265
SAS label: SHS4 Wheaties, Kix, Trix (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS266
SAS label: SHS4 100% Nat w/ Raisins & DA, Cranbars (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS267
SAS label: SHS4 40% Brank flakes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS278
SAS label: SHS4 Restaurant fried chicken (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS279
SAS label: SHS4 Restaurant burgers (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS280
SAS label: SHS4 Restaurant pizza (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS281
SAS label: SHS4 Restaurant Chinese dishes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS282
SAS label: SHS4 Restaurant Mexican dishes (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS283
SAS label: SHS4 Restaurant fried fish (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS284
SAS label: SHS4 Tuna in water (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS285
SAS label: SHS4 Pork (fat trimmed off) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS286
SAS label: SHS4 Pork (fat not trimmed off) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS287
SAS label: SHS4 Fried chicken (w/o skin) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS288
SAS label: SHS4 Fried chicken (with skin) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS289
SAS label: SHS4 Other chicken or turkey (w/o skin) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS290
SAS label: SHS4 Other chicken (with skin) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS291
SAS label: SHS4 Fried chicken (w/o skin) light meat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS292
SAS label: SHS4 Fried chicken (with skin) light meat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS293
SAS label: SHS4 Other chicken or turkey (w/o skin) light meat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS294
SAS label: SHS4 Other chicken (with skin) light meat (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS295
SAS label: SHS4 Beef (fat trimmed off) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS296
SAS label: SHS4 Beef (fat not trimmed off) (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS297
SAS label: SHS4 Beef trimmed & extra lean (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS298
SAS label: SHS4 Hamburger, regular (gm)
Question: None
Note: Gram data generated by Block

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

Variable name: S4GRAMS299
SAS label: SHS4 Hamburger, extra lean (gm)
Question: None
Note: Gram data generated by Block

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

CALORIE DATA CALCULATED BY BLOCK

Variable name: S4KCAL001
SAS label: SHS4 Apples or pears (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL002
SAS label: SHS4 Bananas (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL003
SAS label: SHS4 Canned/stewed peaches, apricots (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL004
SAS label: SHS4 Peaches, apricots, fresh in season (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL005
SAS label: SHS4 Cantaloupe in season (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL006
SAS label: SHS4 Cantaloupe (year round) (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL007
SAS label: SHS4 Watermelon in season (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL008
SAS label: SHS4 Canned fruit, applesauce (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL009
SAS label: SHS4 Strawberries in season (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL010
SAS label: SHS4 Oranges, tangerines (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL011
SAS label: SHS4 Orange juice, grapefruit juice (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL012
SAS label: SHS4 Grapefruit (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL013
SAS label: SHS4 Drinks w. some juice, Sunny D (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL014
SAS label: SHS4 KoolAid, Hi-C, Vit.C-rich drinks (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL015
SAS label: SHS4 Other fruits in season (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL016
SAS label: SHS4 Green beans or peas (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL017
SAS label: SHS4 Other fresh fruit (year round) (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL018
SAS label: SHS4 Baked beans, blackeye, pintos (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL019
SAS label: SHS4 Corn, fresh, frozen or canned (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL021
SAS label: SHS4 Winter squash (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL022
SAS label: SHS4 Raw tomatoes (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL023
SAS label: SHS4 Salsa, ketchup, taco sauce (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL024
SAS label: SHS4 Broccoli (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL025
SAS label: SHS4 Cactus (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL027
SAS label: SHS4 Spinach (cooked) (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL028
SAS label: SHS4 Greens like collards (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL029
SAS label: SHS4 Coleslaw, cabbage (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL030
SAS label: SHS4 Carrots (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL031
SAS label: SHS4 Green salad (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL032
SAS label: SHS4 French fries, fried potatoes (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL033
SAS label: SHS4 Sweet potatoes (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL034
SAS label: SHS4 White potatoes baked, mashed (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL035
SAS label: SHS4 Rice or dishes with rice (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL036
SAS label: SHS4 Other vegetables (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL037
SAS label: SHS4 Table fat (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL038
SAS label: SHS4 Hamburger, cheeseburger (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL039
SAS label: SHS4 Beef (roast, steak, sandwiches) (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL040
SAS label: SHS4 Vegetable stew (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL041
SAS label: SHS4 Liver, liverwurst (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL042
SAS label: SHS4 Pork chops, roasts, dinner ham (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL043
SAS label: SHS4 Fried chicken (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL044
SAS label: SHS4 Chicken not fried (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL045
SAS label: SHS4 Fried fish (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL046
SAS label: SHS4 Tuna casserole, tuna sandwich (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL047
SAS label: SHS4 Shellfish (shrimp, crab, etc.) (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL048
SAS label: SHS4 Fish not fried (cal)
Question: None
Note: Calorie data generated by Block

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

Variable name: S4KCAL049
SAS label: SHS4 Spaghetti w/Tom. sauce + meat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL050
SAS label: SHS4 Pizza (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL051
SAS label: SHS4 Cheese dish like macaroni/chees (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL052
SAS label: SHS4 Spaghetti w/Tom. sauce, no meat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL053
SAS label: SHS4 Hot dogs or dinner sausage (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL054
SAS label: SHS4 Ham, boloney, lunch meats (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL055
SAS label: SHS4 Vegetable soup (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL056
SAS label: SHS4 Other soups like chicken noodle (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL057
SAS label: SHS4 White bread, French, Ital.,etc (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL058
SAS label: SHS4 Dark bread, whole wheat, rye (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL059
SAS label: SHS4 Cornbread or hush puppies (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL060
SAS label: SHS4 Salty snacks (chips, popcorn) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL061
SAS label: SHS4 Peanut butter (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL062
SAS label: SHS4 Butter (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL063
SAS label: SHS4 Margarine (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL064
SAS label: SHS4 Salad dressing (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL065
SAS label: SHS4 Gravy (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL066
SAS label: SHS4 High fiber cereals (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL067
SAS label: SHS4 Product 19, Total, Just Right (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL068
SAS label: SHS4 Cereal excl. fiber or fortified (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL069
SAS label: SHS4 Cooked cereal or grits (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL070
SAS label: SHS4 Sugar (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL071
SAS label: SHS4 Eggs or egg biscuits (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL072
SAS label: SHS4 Bacon (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL073
SAS label: SHS4 Breakfast sausage (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL074
SAS label: SHS4 Ice cream (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL075
SAS label: SHS4 Doughnuts, pastry (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL076
SAS label: SHS4 Pumpkin pie, sweet potato pie (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL077
SAS label: SHS4 Pie or cobbler (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL078
SAS label: SHS4 Chocolate candy, candy bars (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL079
SAS label: SHS4 Candy (not chocolate) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL080
SAS label: SHS4 Cottage cheese (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL081
SAS label: SHS4 Cheese and cheese spreads (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL082
SAS label: SHS4 Yogurt, frozen yogurt (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL083
SAS label: SHS4 Whole milk (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL084
SAS label: SHS4 Reduced fat 2 % Milk (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL085
SAS label: SHS4 Nonfat milk (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL086
SAS label: SHS4 Soft drinks or Snapple not diet (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL087
SAS label: SHS4 Diet soft drinks (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL088
SAS label: SHS4 Beer (regular) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL089
SAS label: SHS4 Wine or wine coolers (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL090
SAS label: SHS4 Liquor or mixed drinks (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL091
SAS label: SHS4 Light beer (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL092
SAS label: SHS4 Coffee (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL093
SAS label: SHS4 Tea or iced tea (not herbal) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL094
SAS label: SHS4 Nondairy creamer (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL095
SAS label: SHS4 Milk in coffee/tea (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL096
SAS label: SHS4 Cream or half & half (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL097
SAS label: SHS4 Sugar or honey in coffee/tea (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL098
SAS label: SHS4 Non-alcoholic beer (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL099
SAS label: SHS4 Water (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL101
SAS label: SHS4 Veal, lamb or deer meat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL102
SAS label: SHS4 Chili with beans (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS103
SAS label: SHS4 Tofu, bean curd (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS104
SAS label: SHS4 Mixed dishes with beef or pork (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS105
SAS label: SHS4 Mixed dishes with chicken (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS106
SAS label: SHS4 Chinese dishes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL108
SAS label: SHS4 Alfalfa sprouts (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL109
SAS label: SHS4 Refried beans, bean burritos (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL110
SAS label: SHS4 Polish or Italian sausage (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL111
SAS label: SHS4 Low-fat salty snacks (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL112
SAS label: SHS4 Crackers (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL113
SAS label: SHS4 Salt only (175 mg Na per serv) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL114
SAS label: SHS4 Oysters (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL115
SAS label: SHS4 Low-fat cheese & cheese spread (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL116
SAS label: SHS4 Reduced fat mayonnaise (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL117
SAS label: SHS4 Low-fat ice cream (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL118
SAS label: SHS4 Low-fat yogurt (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL119
SAS label: SHS4 Bagels, Eng.muffins, buns (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL120
SAS label: SHS4 Biscuits, muffins (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL121
SAS label: SHS4 Pancakes, waffles, Pop Tarts (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL122
SAS label: SHS4 Breakfast or diet shakes,Ensure (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL123
SAS label: SHS4 Pudding (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL124
SAS label: SHS4 Breakfast bars, Power bars (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL125
SAS label: SHS4 Spam (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL126
SAS label: SHS4 Menudo (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL127
SAS label: SHS4 Pazole (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL128
SAS label: SHS4 Milk on Cereal (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL129
SAS label: SHS4 Corn tortillas (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL130
SAS label: SHS4 Flour tortillas (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL131
SAS label: SHS4 Sour cream, dips, guacamole (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL132
SAS label: SHS4 Diet salad dressing (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL133
SAS label: SHS4 Cookies, regular (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL134
SAS label: SHS4 Cookies, low-fat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL135
SAS label: SHS4 Guysava (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS136
SAS label: SHS4 Cooked green peppers, chile relenos (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS137
SAS label: SHS4 Stuffing (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS138
SAS label: SHS4 Peas (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS139
SAS label: SHS4 Lentil, pea or bean soup (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS140
SAS label: SHS4 Egg substitutes, egg whites (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS141
SAS label: SHS4 red/green chili stew (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS142
SAS label: SHS4 Summer squash (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS143
SAS label: SHS4 Ribs, spareribs (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS144
SAS label: SHS4 Gizzard, neckbones, chitlins (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS145
SAS label: SHS4 Mustard, BBQ sauce, other sauce (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS146
SAS label: SHS4 Bean sprouts (cooked) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS147
SAS label: SHS4 Avocado (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL148
SAS label: SHS4 Low-fat hot dogs (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL149
SAS label: SHS4 Low-fat lunch meats (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL150
SAS label: SHS4 Okra (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL151
SAS label: SHS4 Indian taco (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL152
SAS label: SHS4 Tomato juice, V-8 juice (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL153
SAS label: SHS4 Sweetened cereals like frosted flakes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL154
SAS label: SHS4 Soy milk (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL155
SAS label: SHS4 Rice milk (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL156
SAS label: SHS4 Low-fat 1% milk (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL157
SAS label: SHS4 Orange juice with calcium (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL158
SAS label: SHS4 Nachos w. cheese, potato skins (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL159
SAS label: SHS4 Snapple, sweetnd bottled drinks (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL160
SAS label: SHS4 Real fruit juice excluding orange,grapfruit (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL161
SAS label: SHS4 Pineapple (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL162
SAS label: SHS4 Prunes, prune juice (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL163
SAS label: SHS4 Hi-C (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL164
SAS label: SHS4 Cranberry juice cocktail (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL165
SAS label: SHS4 Grapes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL166
SAS label: SHS4 Mangoes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL167
SAS label: SHS4 Papayas (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL168
SAS label: SHS4 Honeydew, cassaba (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL169
SAS label: SHS4 Raisins, other dried fruit (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL170
SAS label: SHS4 Peanuts, other nuts & seeds (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL171
SAS label: SHS4 Frybread (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL177
SAS label: SHS4 Cake, low-fat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL178
SAS label: SHS4 Cake - regular (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL179
SAS label: SHS4 Jelly, jam, syrup (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL180
SAS label: SHS4 Pasta salad, other pasta dish (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL181
SAS label: SHS4 Tortillas - Corn or flour (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL183
SAS label: SHS4 Sherbet or jello (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL184
SAS label: SHS4 Popcorn plain, unbuttered (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL185
SAS label: SHS4 Tacos or burritos (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL186
SAS label: SHS4 Meat substitutes (not just soy) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL187
SAS label: SHS4 Chicken stew, pot pie (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL193
SAS label: SHS4 Cauliflower, brussel sprouts (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL198
SAS label: SHS4 Mayonnaise, sandwich spreads (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL199
SAS label: SHS4 Olive oil, canola oil (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL200
SAS label: SHS4 Vegetable oil (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL201
SAS label: SHS4 Half margarine, half butter (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL202
SAS label: SHS4 Soft margarine (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL203
SAS label: SHS4 Stick margarine (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL204
SAS label: SHS4 Lard (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL205
SAS label: SHS4 Crisco (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL206
SAS label: SHS4 Diet margarine (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS207
SAS label: SHS4 Whipped butter (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS208
SAS label: SHS4 All Bran or Bran Buds cereal (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS209
SAS label: SHS4 Alpha Bits, sugar fruit oat cereal (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS210
SAS label: SHS4 Apple Jacks, apple/cinnamon flavored (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL211
SAS label: SHS4 Bran Chex (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL212
SAS label: SHS4 Bran, wheat, crude (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL213
SAS label: SHS4 Bucwheats (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL214
SAS label: SHS4 Cap'n Crunch, Crunch berries (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL215
SAS label: SHS4 Cheerios (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL216
SAS label: SHS4 Cocoa Krispies-Chocolate flavored rice (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL217
SAS label: SHS4 Cocoa Pebbles, Fruity Pebbles (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL218
SAS label: SHS4 Cocoa Puffs (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL219
SAS label: SHS4 Concentrate Hi Protein Multi-Vi (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL220
SAS label: SHS4 Cookie crisp chocolate chip cereal (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL221
SAS label: SHS4 Corn Chex (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL222
SAS label: SHS4 Cornflakes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL223
SAS label: SHS4 Cracklin Bran, Oat Bran (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL224
SAS label: SHS4 Nutrific (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL225
SAS label: SHS4 Froot Loops, fruit flavored puffed (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL226
SAS label: SHS4 Frosted Mini-Wheats (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL227
SAS label: SHS4 Fruit Squares, fruit wheats (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL228
SAS label: SHS4 Fruit-n-Fiber cereal, or Fiber1 (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL229
SAS label: SHS4 Fruitful bran (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL230
SAS label: SHS4 Golden Grahams, Frosty O's (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS231
SAS label: SHS4 Graham Crackers (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS232
SAS label: SHS4 Granola-Nature Valley, Heartland (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS233
SAS label: SHS4 Grape nut flakes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS234
SAS label: SHS4 Grape nuts (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS235
SAS label: SHS4 Honey Nut Cheerios (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS236
SAS label: SHS4 Honeycomb Sweetened Corn Cereal (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS237
SAS label: SHS4 Just Right (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS238
SAS label: SHS4 King Vitamin (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS239
SAS label: SHS4 Life, Quaker (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS240
SAS label: SHS4 Muesli (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS241
SAS label: SHS4 Nutrigrain (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS242
SAS label: SHS4 Oat product breakfast oat with soy (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS243
SAS label: SHS4 Pop tarts (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS244
SAS label: SHS4 Post Toasties Corn Flakes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS245
SAS label: SHS4 Product 19-4 Grain Multi-Vitamin (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS246
SAS label: SHS4 Puffa-Puffa rice sugar-coated (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL247
SAS label: SHS4 Puffed rice (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL248
SAS label: SHS4 Puffed wheat, unsweetened (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL249
SAS label: SHS4 Quaker Oats corn bran cereal (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL250
SAS label: SHS4 Quisp (Quaker Oats Co) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL251
SAS label: SHS4 Raisin Bran cereal (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL252
SAS label: SHS4 Raisins, rice, & rye (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL253
SAS label: SHS4 Rice Chex (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL254
SAS label: SHS4 Rice Krispies, Crispix (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL255
SAS label: SHS4 Shredded Wheat, sw & barn (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL256
SAS label: SHS4 Special K-Fort high protein (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL257
SAS label: SHS4 Sugar Frosted Flakes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL258
SAS label: SHS4 Sugar Pops, Corn Pops (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL259
SAS label: SHS4 Sugar Smacks, sugar coated puffed (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL260
SAS label: SHS4 Super sugar crisp (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL261
SAS label: SHS4 Team flakes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL262
SAS label: SHS4 Total - Corn or Wheat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL263
SAS label: SHS4 Wheat Chex (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL264
SAS label: SHS4 Wheat Germ (crude, commercial) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL265
SAS label: SHS4 Wheaties, Kix, Trix (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL266
SAS label: SHS4 100% Nat w/ Raisins & DA, Cranbars (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL267
SAS label: SHS4 40% Brank flakes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL278
SAS label: SHS4 Restaurant fried chicken (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL279
SAS label: SHS4 Restaurant burgers (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL280
SAS label: SHS4 Restaurant pizza (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS281
SAS label: SHS4 Restaurant Chinese dishes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS282
SAS label: SHS4 Restaurant Mexican dishes (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS283
SAS label: SHS4 Restaurant fried fish (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS284
SAS label: SHS4 Tuna in water (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL285
SAS label: SHS4 Pork (fat trimmed off) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL286
SAS label: SHS4 Pork (fat not trimmed off) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL287
SAS label: SHS4 Fried chicken (w/o skin) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL288
SAS label: SHS4 Fried chicken (with skin) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS289
SAS label: SHS4 Other chicken or turkey (w/o skin) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS290
SAS label: SHS4 Other chicken (with skin) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS291
SAS label: SHS4 Fried chicken (w/o skin) light meat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS292
SAS label: SHS4 Fried chicken (with skin) light meat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS293
SAS label: SHS4 Other chicken or turkey (w/o skin) light meat(cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS294
SAS label: SHS4 Other chicken (with skin) light meat (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS295
SAS label: SHS4 Beef (fat trimmed off) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCALS296
SAS label: SHS4 Beef (fat not trimmed off) (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL297
SAS label: SHS4 Beef trimmed & extra lean (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL298
SAS label: SHS4 Hamburger, regular (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4KCAL299
SAS label: SHS4 Hamburger, extra lean (cal)
Question: None
Note: Calorie data generated by Block

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

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: ACT4_1A
SAS label: DAY1: DATE
Question: Day 1: Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: ACT4_1B
SAS label: DAY1: DAY OF WEEK
Question: Day 1: Day of week
Note: Recoded to be numeric values

Code or Value	Value description	Skip to item
1	MON	
2	TUE	
3	WED	
4	THU	
5	FRI	
6	SAT	
7	SUN	
.	Missing	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_1C
SAS label: DAY1: TIME ATTACHED
Question: Day 1: Time attached
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_1D
SAS label: DAY1: PEDOMETER STEPS AT BEDTIME
Question: Day 1: Meter number at bedtime
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_1E
SAS label: DAY1: TIME REMOVED
Question: Day 1: Time removed
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_1F
SAS label: DAY1: TAKE OFF THE PEDOMETER FOR ANY REASON
Question: Day 1: Did you take off the meter for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_1G
SAS label: DAY1: IF YES, HOW LONG (HOURS)
Question: Day 1: If yes, for how long (in hours)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_1H
SAS label: DAY1: IF YES, HOW LONG (MINUTES)
Question: Day 1: If yes, for how long (in minutes)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_2A
SAS label: DAY2: DATE
Question: Day 2: Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_2B
SAS label: DAY2: DAY OF WEEK
Question: Day 2: Day of week
Note: Recoded to be numeric values

Code or Value	Value description	Skip to item
1	MON	
2	TUE	
3	WED	
4	THU	
5	FRI	
6	SAT	
7	SUN	
.	Missing	

Variable name: ACT4_2C
SAS label: DAY2: TIME ATTACHED
Question: Day 2: Time attached
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_2D
SAS label: DAY2: PEDOMETER STEPS AT BEDTIME
Question: Day 3: Meter number at bedtime
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_2E
SAS label: DAY2: TIME REMOVED
Question: Day 2: Time removed
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_2F
SAS label: DAY2: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
Question: Day 2: Did you take off the meter for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: ACT4_2G
SAS label: DAY2: IF YES, HOW LONG (HOURS)
Question: Day 2: If yes, for how long (in hours)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_2H
SAS label: DAY2: IF YES, HOW LONG (MINUTES)
Question: Day 2: If yes, for how long (in minutes)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_3A
SAS label: DAY3: DATE
Question: Day 3: Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: ACT4_3B
SAS label: DAY3: DAY OF WEEK
Question: Day 3: Day of week
Note: Recoded to be numeric values

Code or Value	Value description	Skip to item
1	MON	
2	TUE	
3	WED	
4	THU	
5	FRI	
6	SAT	
7	SUN	
.	Missing	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_3C
SAS label: DAY3: TIME ATTACHED
Question: Day 3: Time attached
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_3D
SAS label: DAY3: PEDOMETER STEPS AT BEDTIME
Question: Day 3: Meter number at bedtime
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_3E
SAS label: DAY3: TIME REMOVED
Question: Day 3: Time removed
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_3F
SAS label: DAY3: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
Question: Day 3: Did you take off the meter for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_3G
SAS label: DAY3: IF YES, HOW LONG (HOURS)
Question: Day 3: If yes, for how long (in hours)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_3H
SAS label: DAY3: IF YES, HOW LONG (MINUTES)
Question: Day 3: If yes, for how long (in minutes)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_4A
SAS label: DAY4: DATE
Question: Day 4: Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_4B
SAS label: DAY4: DAY OF WEEK
Question: Day 4: Day of week
Note: Recoded to be numeric values

Code or Value	Value description	Skip to item
1	MON	
2	TUE	
3	WED	
4	THU	
5	FRI	
6	SAT	
7	SUN	
.	Missing	

Variable name: ACT4_4C
SAS label: DAY4: TIME ATTACHED
Question: Day 4: Time attached
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_4D
SAS label: DAY4: PEDOMETER STEPS AT BEDTIME
Question: Day 4: Meter number at bedtime
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_4E
SAS label: DAY4: TIME REMOVED
Question: Day 4: Time removed
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_4F
SAS label: DAY4: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
Question: Day 4: Did you take off the meter for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: ACT4_4G
SAS label: DAY4: IF YES, HOW LONG (HOURS)
Question: Day 4: If yes, for how long (in hours)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_4H
SAS label: DAY4: IF YES, HOW LONG (MINUTES)
Question: Day 4: If yes, for how long (in minutes)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_5A
SAS label: DAY5: DATE
Question: Day 5: Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: ACT4_5B
SAS label: DAY5: DAY OF WEEK
Question: Day 5: Day of week
Note: Recoded to be numeric values

Code or Value	Value description	Skip to item
1	MON	
2	TUE	
3	WED	
4	THU	
5	FRI	
6	SAT	
7	SUN	
.	Missing	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_5C
SAS label: DAY5: TIME ATTACHED
Question: Day 5: Time attached
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_5D
SAS label: DAY5: PEDOMETER STEPS AT BEDTIME
Question: Day 5: Meter number at bedtime
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_5E
SAS label: DAY5: TIME REMOVED
Question: Day 5: Time removed
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_5F
SAS label: DAY5: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
Question: Day 5: Did you take off the meter for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: ACT4_5G
SAS label: DAY5: IF YES, HOW LONG (HOURS)
Question: Day 5: If yes, for how long (in hours)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_5H
SAS label: DAY5: IF YES, HOW LONG (MINUTES)
Question: Day 5: If yes, for how long (in minutes)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_6A
SAS label: DAY6: DATE
Question: Day 6: Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_6B
SAS label: DAY6: DAY OF WEEK
Question: Day 6: Day of week
Note: Recoded to be numeric values

Code or Value	Value description	Skip to item
1	MON	
2	TUE	
3	WED	
4	THU	
5	FRI	
6	SAT	
7	SUN	
.	Missing	

Variable name: ACT4_6C
SAS label: DAY6: TIME ATTACHED
Question: Day 6: Time attached
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_6D
SAS label: DAY6: PEDOMETER STEPS AT BEDTIME
Question: Day 6: Meter number at bedtime
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_6E
SAS label: DAY6: TIME REMOVED
Question: Day 6: Time removed
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_6F
SAS label: DAY6: TAKE OFF THE PEDOMETER FOR LONGER THAN 30 MINUTES
Question: Day 6: Did you take off the meter for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: ACT4_6G
SAS label: DAY6: IF YES, HOW LONG (HOURS)
Question: Day 6: If yes, for how long (in hours)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_6H
SAS label: DAY6: IF YES, HOW LONG (MINUTES)
Question: Day 6: If yes, for how long (in minutes)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_7A
SAS label: DAY7: DATE
Question: Day 7: Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: ACT4_7B
SAS label: DAY7: DAY OF WEEK
Question: Day 7: Day of week
Note: Recoded to be numeric values

Code or Value	Value description	Skip to item
1	MON	
2	TUE	
3	WED	
4	THU	
5	FRI	
6	SAT	
7	SUN	
.	Missing	

Variable name: ACT4_7C
SAS label: DAY7: TIME ATTACHED
Question: Day 7: Time attached
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_7D
SAS label: DAY7: PEDOMETER STEPS AT BEDTIME
Question: Day 7: Meter number at bedtime
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_7E
SAS label: DAY7: TIME REMOVED
Question: Day 7: Time removed
Note: In military time

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_7F
SAS label: DAY7: TAKE OFF THE PEDOMETER FOR ANY REASON
Question: Day 7: Did you take off the meter for any reason?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: ACT4_7G
SAS label: DAY7: IF YES, HOW LONG (HOURS)
Question: Day 7: If yes, for how long (in hours)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT4_7H
SAS label: DAY7: IF YES, HOW LONG (MINUTES)
Question: Day 7: If yes, for how long (in minutes)?
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ACT4_8
SAS label: PHYSICAL ACTIVITY IS TYPICAL
Question: Has your physical activity in the past seven (7) days been typical for you compared to your regular activity level?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	
.	Missing	

Variable name: NNM
SAS label: NUMBER OF NON-MISSING PEDOMETER OBSERVATIONS
Question: None
Note: Derived
 Number of non-missing observations in 7 observations

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: PDM1
SAS label: AVERAGE OF NON-MISSING PEDOMETER OBSERVATIONS (IF NNM = 7)
Question: None
Note: Derived
 Average of non-missing observations in 7 observations

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PDM2
SAS label: AVERAGE OF NON-MISSING PEDOMETER OBSERVATIONS (EXCLUDING MIN/MAX IF NNM >= 5; EXCLUDING MIN IF NNM = 4; AVERAGE IF NNM = 3)
Question: None
Note: Derived
 Average of non-missing observations excluding minimum and maximum in 7 observations if NNM ≥ 5
 Average of non-missing observations excluding minimum in 7 observations if NNM = 4
 Average of non-missing observations in 7 observations if NNM = 3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PDM3
SAS label: AVERAGE OF NON-MISSING PEDOMETER OBSERVATIONS (EXCLUDING MIN/MAX IF NNM >= 5; AVERAGE IF NNM = 4 OR NNM = 3)
Question: None
Note: Derived
 Average of non-missing observations excluding minimum and maximum in 7 observations if NNM ≥ 5
 Average of non-missing observations in 7 observations if NNM = 4 or NNM = 3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Activity Meter Seven-Day Record and Derived Activity

Variable name: ACT_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: None
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	

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	

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: VRATE4
SAS label: VENTRICULAR RATE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PR4
SAS label: PR INTERVAL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSD4
SAS label: QRS DURATION

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QTC4
SAS label: QTC INTERVAL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAX4
SAS label: P AXIS

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAX4
SAS label: QRS AXIS

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QT4
SAS label: QT INTERVAL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAX4
SAS label: T WAVE AXIS

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PDUR4
SAS label: P DURATION

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PCA24
SAS label: PCA RATIO (PRINCIPLE COMPONENT RATIO)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QTE_GLO4
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_PRE4

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_GLO4

SAS label: Q TO T-PEAK INTERVAL GLOBAL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QTP_PRE4

SAS label: Q TO T-PEAK INTERVAL PRECORDIAL LEADS

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MC1_1_S4

SAS label: MINNESOTA CODE 1.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC1_2_S4
SAS label: MINNESOTA CODE 1.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC1_3_S4
SAS label: MINNESOTA CODE 1.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC2_1_S4
SAS label: MINNESOTA CODE 2.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC2_2_S4
SAS label: MINNESOTA CODE 2.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC2_3_S4
SAS label: MINNESOTA CODE 2.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC3_1_S4
SAS label: MINNESOTA CODE 3.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC3_2_S4
SAS label: MINNESOTA CODE 3.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC3_3_S4
SAS label: MINNESOTA CODE 3.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC4_1_S4
SAS label: MINNESOTA CODE 4.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC4_2_S4
SAS label: MINNESOTA CODE 4.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC4_3_S4
SAS label: MINNESOTA CODE 4.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC4_4_S4
SAS label: MINNESOTA CODE 4.4

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC5_1_S4
SAS label: MINNESOTA CODE 5.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC5_2_S4
SAS label: MINNESOTA CODE 5.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC5_3_S4
SAS label: MINNESOTA CODE 5.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC5_4_S4
SAS label: MINNESOTA CODE 5.4

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC6_1_S4
SAS label: MINNESOTA CODE 6.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC6_2_S4
SAS label: MINNESOTA CODE 6.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC6_3_S4
SAS label: MINNESOTA CODE 6.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC6_4_S4
SAS label: MINNESOTA CODE 6.4

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC6_5_S4
SAS label: MINNESOTA CODE 6.5

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC6_8_S4
SAS label: MINNESOTA CODE 6.8

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC7_1_S4
SAS label: MINNESOTA CODE 7.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC7_2_S4
SAS label: MINNESOTA CODE 7.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC7_3_S4
SAS label: MINNESOTA CODE 7.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC7_4_S4
SAS label: MINNESOTA CODE 7.4

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC7_5_S4
SAS label: MINNESOTA CODE 7.5

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC7_6_S4
SAS label: MINNESOTA CODE 7.6

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC7_7_S4
SAS label: MINNESOTA CODE 7.7

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC7_8_S4
SAS label: MINNESOTA CODE 7.8

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC8_7_S4
SAS label: MINNESOTA CODE 8.7

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC8_8_S4
SAS label: MINNESOTA CODE 8.8

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC8_9_S4
SAS label: MINNESOTA CODE 8.9

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC8_1_1_S4
SAS label: MINNESOTA CODE 8.1.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC8_1_2_S4
SAS label: MINNESOTA CODE 8.1.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC8_1_3_S4
SAS label: MINNESOTA CODE 8.1.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC8_2_3_S4
SAS label: MINNESOTA CODE 8.2.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC8_3_1_S4
SAS label: MINNESOTA CODE 8.3.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC8_3_2_S4
SAS label: MINNESOTA CODE 8.3.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC8_4_1_S4
SAS label: MINNESOTA CODE 8.4.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC8_4_2_S4
SAS label: MINNESOTA CODE 8.4.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC9_1_S4
SAS label: MINNESOTA CODE 9.1

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC9_2_S4
SAS label: MINNESOTA CODE 9.2

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC9_3_S4
SAS label: MINNESOTA CODE 9.3

Code or Value	Value description	Skip to item
0	No	
1	Yes	

12-Lead Electrocardiograms

Variable name: MC9_4_S4
SAS label: MINNESOTA CODE 9.4

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: MC9_5_S4
SAS label: MINNESOTA CODE 9.5

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: PPA_I4
SAS label: P PRIME AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_II4
SAS label: P PRIME AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PPA_III4
SAS label: P PRIME AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_AVF4
SAS label: P PRIME AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_AVL4
SAS label: P PRIME AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_AVR4
SAS label: P PRIME AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_V14
SAS label: P PRIME AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PPA_V24
SAS label: P PRIME AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_V34
SAS label: P PRIME AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_V44
SAS label: P PRIME AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_V54
SAS label: P PRIME AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPA_V64
SAS label: P PRIME AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PPD_I4
SAS label: P PRIME DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_II4
SAS label: P PRIME DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_III4
SAS label: P PRIME DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_AVF4
SAS label: P PRIME DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_AVL4
SAS label: P PRIME DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PPD_AVR4
SAS label: P PRIME DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_V14
SAS label: P PRIME DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_V24
SAS label: P PRIME DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_V34
SAS label: P PRIME DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_V44
SAS label: P PRIME DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PPD_V54
SAS label: P PRIME DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PPD_V64
SAS label: P PRIME DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_I4
SAS label: P PRIME AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_II4
SAS label: P PRIME AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_III4
SAS label: P PRIME AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMPPAR_AVF4
SAS label: P PRIME AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_AVL4
SAS label: P PRIME AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_AVR4
SAS label: P PRIME AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_V14
SAS label: P PRIME AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_V24
SAS label: P PRIME AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMPPAR_V34
SAS label: P PRIME AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_V44
SAS label: P PRIME AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_V54
SAS label: P PRIME AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPPAR_V64
SAS label: P PRIME AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_I4
SAS label: Q WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QA_II4
SAS label: Q WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_III4
SAS label: Q WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_AVF4
SAS label: Q WAVE AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_AVL4
SAS label: Q WAVE AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_AVR4
SAS label: Q WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QA_V14
SAS label: Q WAVE AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_V24
SAS label: Q WAVE AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_V34
SAS label: Q WAVE AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_V44
SAS label: Q WAVE AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QA_V54
SAS label: Q WAVE AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QA_V64
SAS label: Q WAVE AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_I4
SAS label: Q WAVE DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_II4
SAS label: Q WAVE DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_III4
SAS label: Q WAVE DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_AVF4
SAS label: Q WAVE DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QD_AVL4
SAS label: Q WAVE DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_AVR4
SAS label: Q WAVE DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V14
SAS label: Q WAVE DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V24
SAS label: Q WAVE DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V34
SAS label: Q WAVE DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QD_V44
SAS label: Q WAVE DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V54
SAS label: Q WAVE DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QD_V64
SAS label: Q WAVE DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_I4
SAS label: Q WAVE AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_II4
SAS label: Q WAVE AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMQAR_III4
SAS label: Q WAVE AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_AVF4
SAS label: Q WAVE AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_AVL4
SAS label: Q WAVE AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_AVR4
SAS label: Q WAVE AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_V14
SAS label: Q WAVE AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMQAR_V24
SAS label: Q WAVE AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_V34
SAS label: Q WAVE AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_V44
SAS label: Q WAVE AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_V54
SAS label: Q WAVE AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMQAR_V64
SAS label: Q WAVE AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RA_I4
SAS label: R WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_II4
SAS label: R WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_III4
SAS label: R WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_AVF4
SAS label: R WAVE AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_AVL4
SAS label: R WAVE AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RA_AVR4
SAS label: R WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_V14
SAS label: R WAVE AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_V24
SAS label: R WAVE AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_V34
SAS label: R WAVE AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_V44
SAS label: R WAVE AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RA_V54
SAS label: R WAVE AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RA_V64
SAS label: R WAVE AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_I4
SAS label: R WAVE DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_II4
SAS label: R WAVE DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_III4
SAS label: R WAVE DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RD_AVF4
SAS label: R WAVE DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_AVL4
SAS label: R WAVE DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_AVR4
SAS label: R WAVE DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V14
SAS label: R WAVE DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V24
SAS label: R WAVE DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RD_V34
SAS label: R WAVE DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V44
SAS label: R WAVE DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V54
SAS label: R WAVE DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RD_V64
SAS label: R WAVE DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_I4
SAS label: R WAVE AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMRAR_II4
SAS label: R WAVE AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_III4
SAS label: R WAVE AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_AVF4
SAS label: R WAVE AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_AVL4
SAS label: R WAVE AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_AVR4
SAS label: R WAVE AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMRAR_V14
SAS label: R WAVE AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_V24
SAS label: R WAVE AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_V34
SAS label: R WAVE AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_V44
SAS label: R WAVE AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRAR_V54
SAS label: R WAVE AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMRAR_V64
SAS label: R WAVE AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_I4
SAS label: S WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_II4
SAS label: S WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_III4
SAS label: S WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_AVF4
SAS label: S WAVE AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SA_AVL4
SAS label: S WAVE AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_AVR4
SAS label: S WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_V14
SAS label: S WAVE AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_V24
SAS label: S WAVE AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_V34
SAS label: S WAVE AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SA_V44
SAS label: S WAVE AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_V54
SAS label: S WAVE AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SA_V64
SAS label: S WAVE AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_I4
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_II4
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: MAXRA_III4
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_AVF4
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_AVL4
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_AVR4
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_V14
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: MAXRA_V24
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_V34
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_V44
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_V54
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXRA_V64
SAS label: MAXIMAL R WAVE AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PA_I4
SAS label: P WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_II4
SAS label: P WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_III4
SAS label: P WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_AVF4
SAS label: P WAVE AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_AVL4
SAS label: P WAVE AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PA_AVR4
SAS label: P WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_V14
SAS label: P WAVE AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_V24
SAS label: P WAVE AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_V34
SAS label: P WAVE AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_V44
SAS label: P WAVE AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PA_V54
SAS label: P WAVE AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PA_V64
SAS label: P WAVE AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_I4
SAS label: P WAVE DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_II4
SAS label: P WAVE DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_III4
SAS label: P WAVE DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PD_AVF4
SAS label: P WAVE DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_AVL4
SAS label: P WAVE DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_AVR4
SAS label: P WAVE DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_V14
SAS label: P WAVE DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_V24
SAS label: P WAVE DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PD_V34
SAS label: P WAVE DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_V44
SAS label: P WAVE DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_V54
SAS label: P WAVE DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PD_V64
SAS label: P WAVE DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPAR_I4
SAS label: P WAVE AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: **BMPAR_II4**
SAS label: **P WAVE AREA LEAD II**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMPAR_III4**
SAS label: **P WAVE AREA LEAD III**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMPAR_AVF4**
SAS label: **P WAVE AREA LEAD AVF**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMPAR_AVL4**
SAS label: **P WAVE AREA LEAD AVL**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **BMPAR_AVR4**
SAS label: **P WAVE AREA LEAD AVR**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMPAR_V14
SAS label: P WAVE AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPAR_V24
SAS label: P WAVE AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPAR_V34
SAS label: P WAVE AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPAR_V44
SAS label: P WAVE AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMPAR_V54
SAS label: P WAVE AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMPAR_V64
SAS label: P WAVE AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_I4
SAS label: S WAVE DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_II4
SAS label: S WAVE DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_III4
SAS label: S WAVE DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_AVF4
SAS label: S WAVE DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SD_AVL4
SAS label: S WAVE DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_AVR4
SAS label: S WAVE DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_V14
SAS label: S WAVE DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_V24
SAS label: S WAVE DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_V34
SAS label: S WAVE DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SD_V44
SAS label: S WAVE DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_V54
SAS label: S WAVE DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SD_V64
SAS label: S WAVE DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_I4
SAS label: S WAVE AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_II4
SAS label: S WAVE AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMSAR_III4
SAS label: S WAVE AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_AVF4
SAS label: S WAVE AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_AVL4
SAS label: S WAVE AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_AVR4
SAS label: S WAVE AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_V14
SAS label: S WAVE AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMSAR_V24
SAS label: S WAVE AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_V34
SAS label: S WAVE AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_V44
SAS label: S WAVE AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_V54
SAS label: S WAVE AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSAR_V64
SAS label: S WAVE AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPA_I4
SAS label: R PRIME AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_II4
SAS label: R PRIME AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_III4
SAS label: R PRIME AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_AVF4
SAS label: R PRIME AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_AVL4
SAS label: R PRIME AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPA_AVR4
SAS label: R PRIME AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_V14
SAS label: R PRIME AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_V24
SAS label: R PRIME AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_V34
SAS label: R PRIME AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_V44
SAS label: R PRIME AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPA_V54
SAS label: R PRIME AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPA_V64
SAS label: R PRIME AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_I4
SAS label: R PRIME DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_II4
SAS label: R PRIME DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_III4
SAS label: R PRIME DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPD_AVF4
SAS label: R PRIME DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_AVL4
SAS label: R PRIME DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_AVR4
SAS label: R PRIME DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V14
SAS label: R PRIME DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V24
SAS label: R PRIME DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: RPD_V34
SAS label: R PRIME DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V44
SAS label: R PRIME DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V54
SAS label: R PRIME DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPD_V64
SAS label: R PRIME DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_I4
SAS label: R PRIME AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMRPAR_II4
SAS label: R PRIME AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_III4
SAS label: R PRIME AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_AVF4
SAS label: R PRIME AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_AVL4
SAS label: R PRIME AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_AVR4
SAS label: R PRIME AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMRPAR_V14
SAS label: R PRIME AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_V24
SAS label: R PRIME AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_V34
SAS label: R PRIME AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_V44
SAS label: R PRIME AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMRPAR_V54
SAS label: R PRIME AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMRPAR_V64
SAS label: R PRIME AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_I4
SAS label: S PRIME AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_II4
SAS label: S PRIME AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_III4
SAS label: S PRIME AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_AVF4
SAS label: S PRIME AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SPA_AVL4
SAS label: S PRIME AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_AVR4
SAS label: S PRIME AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_V14
SAS label: S PRIME AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_V24
SAS label: S PRIME AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_V34
SAS label: S PRIME AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SPA_V44
SAS label: S PRIME AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_V54
SAS label: S PRIME AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPA_V64
SAS label: S PRIME AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_I4
SAS label: S PRIME DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_II4
SAS label: S PRIME DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SPD_III4
SAS label: S PRIME DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_AVF4
SAS label: S PRIME DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_AVL4
SAS label: S PRIME DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_AVR4
SAS label: S PRIME DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V14
SAS label: S PRIME DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: SPD_V24
SAS label: S PRIME DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V34
SAS label: S PRIME DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V44
SAS label: S PRIME DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V54
SAS label: S PRIME DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPD_V64
SAS label: S PRIME DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMSPAR_I4
SAS label: S PRIME AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_II4
SAS label: S PRIME AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_III4
SAS label: S PRIME AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_AVF4
SAS label: S PRIME AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_AVL4
SAS label: S PRIME AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMSPAR_AVR4
SAS label: S PRIME AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_V14
SAS label: S PRIME AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_V24
SAS label: S PRIME AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_V34
SAS label: S PRIME AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_V44
SAS label: S PRIME AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMSPAR_V54
SAS label: S PRIME AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMSPAR_V64
SAS label: S PRIME AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_I4
SAS label: ST J POINT LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_II4
SAS label: ST J POINT LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_III4
SAS label: ST J POINT LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STJ_AVF4
SAS label: ST J POINT LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_AVL4
SAS label: ST J POINT LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_AVR4
SAS label: ST J POINT LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V14
SAS label: ST J POINT LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V24
SAS label: ST J POINT LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STJ_V34
SAS label: ST J POINT LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V44
SAS label: ST J POINT LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V54
SAS label: ST J POINT LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STJ_V64
SAS label: ST J POINT LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_I4
SAS label: ST M POINT LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STM_II4
SAS label: ST M POINT LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_III4
SAS label: ST M POINT LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_AVF4
SAS label: ST M POINT LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_AVL4
SAS label: ST M POINT LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_AVR4
SAS label: ST M POINT LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STM_V14
SAS label: ST M POINT LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_V24
SAS label: ST M POINT LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_V34
SAS label: ST M POINT LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_V44
SAS label: ST M POINT LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STM_V54
SAS label: ST M POINT LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STM_V64
SAS label: ST M POINT LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_I4
SAS label: ST E POINT LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_II4
SAS label: ST E POINT LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_III4
SAS label: ST E POINT LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_AVF4
SAS label: ST E POINT LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STE_AVL4
SAS label: ST E POINT LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_AVR4
SAS label: ST E POINT LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_V14
SAS label: ST E POINT LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_V24
SAS label: ST E POINT LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_V34
SAS label: ST E POINT LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: STE_V44
SAS label: ST E POINT LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_V54
SAS label: ST E POINT LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STE_V64
SAS label: ST E POINT LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_I4
SAS label: T WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_II4
SAS label: T WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: TA_III4
SAS label: T WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_AVF4
SAS label: T WAVE AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_AVL4
SAS label: T WAVE AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_AVR4
SAS label: T WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_V14
SAS label: T WAVE AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: TA_V24
SAS label: T WAVE AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_V34
SAS label: T WAVE AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_V44
SAS label: T WAVE AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_V54
SAS label: T WAVE AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TA_V64
SAS label: T WAVE AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: TD_I4
SAS label: T WAVE DURATION LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_II4
SAS label: T WAVE DURATION LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_III4
SAS label: T WAVE DURATION LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_AVF4
SAS label: T WAVE DURATION LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_AVL4
SAS label: T WAVE DURATION LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: TD_AVR4
SAS label: T WAVE DURATION LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_V14
SAS label: T WAVE DURATION LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_V24
SAS label: T WAVE DURATION LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_V34
SAS label: T WAVE DURATION LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_V44
SAS label: T WAVE DURATION LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: TD_V54
SAS label: T WAVE DURATION LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TD_V64
SAS label: T WAVE DURATION LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_I4
SAS label: T WAVE AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_II4
SAS label: T WAVE AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_III4
SAS label: T WAVE AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMTAR_AVF4
SAS label: T WAVE AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_AVL4
SAS label: T WAVE AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_AVR4
SAS label: T WAVE AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_V14
SAS label: T WAVE AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_V24
SAS label: T WAVE AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: BMTAR_V34
SAS label: T WAVE AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_V44
SAS label: T WAVE AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_V54
SAS label: T WAVE AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BMTAR_V64
SAS label: T WAVE AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_I4
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: MAXSA_II4
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_III4
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_AVF4
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_AVL4
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_AVR4
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: MAXSA_V14
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_V24
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_V34
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_V44
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAXSA_V54
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: MAXSA_V64
SAS label: MAXIMAL S WAVE AMPLITUDE LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_I4
SAS label: P WAVE NET AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_II4
SAS label: P WAVE NET AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_III4
SAS label: P WAVE NET AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_AVF4
SAS label: P WAVE NET AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PAREA_AVL4
SAS label: P WAVE NET AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_AVR4
SAS label: P WAVE NET AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_V14
SAS label: P WAVE NET AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_V24
SAS label: P WAVE NET AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_V34
SAS label: P WAVE NET AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: PAREA_V44
SAS label: P WAVE NET AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_V54
SAS label: P WAVE NET AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PAREA_V64
SAS label: P WAVE NET AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_I4
SAS label: QRS COMPLEX NET AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_II4
SAS label: QRS COMPLEX NET AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QRSAR_III4
SAS label: QRS COMPLEX NET AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_AVF4
SAS label: QRS COMPLEX NET AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_AVL4
SAS label: QRS COMPLEX NET AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_AVR4
SAS label: QRS COMPLEX NET AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_V14
SAS label: QRS COMPLEX NET AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: QRSAR_V24
SAS label: QRS COMPLEX NET AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_V34
SAS label: QRS COMPLEX NET AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_V44
SAS label: QRS COMPLEX NET AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_V54
SAS label: QRS COMPLEX NET AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: QRSAR_V64
SAS label: QRS COMPLEX NET AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: TAREA_I4
SAS label: T WAVE NET AREA LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_II4
SAS label: T WAVE NET AREA LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_III4
SAS label: T WAVE NET AREA LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_AVF4
SAS label: T WAVE NET AREA LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_AVL4
SAS label: T WAVE NET AREA LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: TAREA_AVR4
SAS label: T WAVE NET AREA LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_V14
SAS label: T WAVE NET AREA LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_V24
SAS label: T WAVE NET AREA LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_V34
SAS label: T WAVE NET AREA LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_V44
SAS label: T WAVE NET AREA LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: TAREA_V54
SAS label: T WAVE NET AREA LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAREA_V64
SAS label: T WAVE NET AREA LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_I4
SAS label: ST J+40 LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_II4
SAS label: ST J+40 LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_III4
SAS label: ST J+40 LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: J40_AVF4
SAS label: ST J+40 LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_AVL4
SAS label: ST J+40 LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_AVR4
SAS label: ST J+40 LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_V14
SAS label: ST J+40 LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_V24
SAS label: ST J+40 LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: J40_V34
SAS label: ST J+40 LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_V44
SAS label: ST J+40 LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_V54
SAS label: ST J+40 LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J40_V64
SAS label: ST J+40 LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_I4
SAS label: ST J+60 LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: J60_II4
SAS label: ST J+60 LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_III4
SAS label: ST J+60 LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_AVF4
SAS label: ST J+60 LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_AVL4
SAS label: ST J+60 LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_AVR4
SAS label: ST J+60 LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: J60_V14
SAS label: ST J+60 LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_V24
SAS label: ST J+60 LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_V34
SAS label: ST J+60 LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_V44
SAS label: ST J+60 LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J60_V54
SAS label: ST J+60 LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: J60_V64
SAS label: ST J+60 LEAD V6

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_I4
SAS label: ST J+80 LEAD I

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_II4
SAS label: ST J+80 LEAD II

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_III4
SAS label: ST J+80 LEAD III

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_AVF4
SAS label: ST J+80 LEAD AVF

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: J80_AVL4
SAS label: ST J+80 LEAD AVL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_AVR4
SAS label: ST J+80 LEAD AVR

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_V14
SAS label: ST J+80 LEAD V1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_V24
SAS label: ST J+80 LEAD V2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_V34
SAS label: ST J+80 LEAD V3

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

12-Lead Electrocardiograms

Variable name: J80_V44
SAS label: ST J+80 LEAD V4

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_V54
SAS label: ST J+80 LEAD V5

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: J80_V64
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	

Echocardiography

Variable name: IDNO
SAS label: ID NUMBER

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AA4
SAS label: AORTIC ANNULUS

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AC_ET4
SAS label: ACCELERATION TIME/EJECTION TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AR2D4
SAS label: AORTIC ROOT BY 2-D

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: ARMM4
SAS label: AORTIC ROOT DIMENSION (M-MODE MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AVACCEL4
SAS label: AORTIC VALVE ACCELERATION RATE (AT AORTIC VALVE ANNULUS, FROM DOPPLER RECORDINGS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AVMG4
SAS label: AORTIC VALVE MEAN GRADIENT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AVMV4
SAS label: AORTIC ANNULAR MEAN VELOCITY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AVPEAKV4
SAS label: AORTIC VALVE PEAK VELOCITY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: AVPG4
SAS label: AORTIC VALVE PEAK GRADIENT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AVTIME4
SAS label: AORTIC VALVE EJECTION TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AVTVI4
SAS label: AORTIC VALVE TIME VELOCITY INTEGRAL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: COMMENT4
SAS label: COMMENT

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: COMMENTS4
SAS label: COMMENT

Code or Value	Value Description	Skip to item
Open text field blank		

Echocardiography

Variable name: COMMENTSE4
SAS label: COMMENT

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: ECHOSEQ4
SAS label: ECHO SEQUENCE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ECHOTAP4
SAS label: ECHOTAPE

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FROZEN4
SAS label: FROZEN

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: HEARTRA4
SAS label: HEART RATE (BPM) (MEASURED FROM DOPPLER RECORDINGS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: IDE
SAS label: ID NUMBER

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: IVRT4
SAS label: SHS4 IVRT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LASD2D4
SAS label: LEFT ATRIAL SYSTOLIC DIAMETER (2-D MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LASDMM4
SAS label: LEFT ATRIAL SYSTOLIC DIAMETER (M-MODE MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LAST_RP4
SAS label: LAST REPORT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: LVDD2D4
SAS label: LEFT VENTRICULAR INTERNAL DIMENSION IN DIASTOLE (FROM 2-D MEASUREMENT MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVIDD4
SAS label: LEFT VENTRICULAR INTERNAL DIAMETER IN DISTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVDDMM4
SAS label: LEFT VENTRICULAR INTERNAL DIMENSION IN DIASTOLE (FROM M-MODE MEASUREMENT MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVPWDDM4
SAS label: LEFT VENTRICULAR POSTERIOR WALL THICKNESS (M-MODE MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: LVPWSDM4
SAS label: LEFT VENTRICULAR POSTERIOR WALL THICKNESS IN SYSTOLE (M-MODE MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVIDS4
SAS label: LEFT VENTRICULAR INTERNAL DIAMETER IN SYSTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVSDMM4
SAS label: LEFT VENTRICULAR INTERNAL DIMENSION IN SYSTOLE (M-MODE MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVPWDD24
SAS label: LV SYSTOLIC MIDWALL DIMENSION (CM) BY 2-D MODULE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: LVPWSD24
SAS label: LEFT VENTRICULAR POSTERIOR WALL THICKNESS IN SYSTOLE
(2-D MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVSD2D4
SAS label: LEFT VENTRICULAR INTERNAL DIMENSION IN SYSTOLE (2-DMODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAA4
SAS label: MITRAL ANNULAR A VELOCITY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAACCTI4
SAS label: MITRAL ANNULAR ACCELERATION TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAATRIF4
SAS label: MITRAL ANNULAR ATRIAL FILLING TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: MADECTI4
SAS label: MITRAL ANNULAR DECELERATION TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAE4
SAS label: MITRAL ANNULAR E VELOCITY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAHALFF4
SAS label: MITRAL ANNULAR HALF FILLING TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAMR4
SAS label: MITRAL ANNULUS OPENING R-WAVE-INTERVAL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MATHIRD4
SAS label: MITRAL ANNULAR THIRD FILLING TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: MATIME4
SAS label: MITRAL ANNULAR FILLING TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MATVI4
SAS label: MITRAL ANNULAR TIME VELOCITY INTEGRAL (FLOW AT MITRAL ANNULAR LEVEL, FROM DOPPLER)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVA4
SAS label: MITRAL VALVE A VELOCITY (PEAK ATRIAL PHASE VELOCITY AT LEAFLET TIPS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVACCTI4
SAS label: MITRAL VALVE ACCELERATION TIME (AT LEAFLET TIPS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: MVATRIF4

SAS label: MITRAL VALVE ATRIAL FILLING FRACTION (FRACTION OF TOTAL FILLING DURING ATRIAL CONTRACTION)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVDECTI4

SAS label: MITRAL VALVE DECELERATION TIME (TIME FOR LEAFLET TIP EARLY FLOW VELOCITY TO REACH 0)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVE4

SAS label: MITRAL VALVE E. VELOCITY (PEAK EARLY FILLING VELOCITY AT LEAFLET TIPS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVHALFF4

SAS label: MITRAL VALVE HALF FILLING TIME (AT LEAFLET TIPS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: MVTHIRD4
SAS label: MITRAL VALVE THIRD FILLING TIME (AT LEAFLET TIPS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVTIME4
SAS label: MITRAL VALVE DIASTOLIC FILLING TIME (AT LEAFLET TIPS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVTVI4
SAS label: MITRAL VALVE TIME VELOCITY INTEGRAL (AT LEAFLET TIPS, FROM DOPPLER RECORDINGS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVP4
SAS label: MV PROLAPSE PRESENT/ABSENT 0= NO MVP 1=MVP SEEN

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PRESHFT4
SAS label: MITRAL VALVE PRESSURE HALF-TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: PRINTRE4
SAS label: PRINT RECORD

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: PVMEANG4
SAS label: PULMONIC VALVE MEAN GRADIENT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PVMEAN4
SAS label: MEAN VELOCITY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PVPEAKG4
SAS label: PULMONIC VALVE PEAK GRADIENT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PVPEAKV4
SAS label: PULMONIC VALVE PEAK VELOCITY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: PVTIME4
SAS label: PULMONIC VALVE TIME

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PVTVI4
SAS label: PULMONIC VALVE TIME VELOCITY INTEGRAL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RPT_DAT4
SAS label: DATE REPORT SENT

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: RWM_AA4
SAS label: WALL MOTION SCORE FOR ANTERIOR WALL, AT VENTRICULAR APEX

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_AI4
SAS label: WALL MOTION SCORE FOR INFERIOR WALL, AT VENTRICULAR APEX

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: RWM_AL4
SAS label: WALL MOTION SCORE FOR LATERAL WALL, AT VENTRICULAR APEX

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_AS4
SAS label: WALL MOTION SCORE FOR INFERIOR SEPTUM, AT MID-VENTRICLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_AVG4
SAS label: WALL MOTION SCORE AVERAGE (FROM DIGISONICS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_BA4
SAS label: WALL MOTION SCORE FOR ANTERIOR WALL, AT BASE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_BAS4
SAS label: WALL MOTION SCORE FOR ANTERIOR SEPTUM, AT BASE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: RWM_BI4
SAS label: WALL MOTION SCORE VARIABLE, FOR INFERIOR SEPTUM, AT BASE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_BIS4
SAS label: WALL MOTION SCORE FOR INFERIOR SEPTUM, AT BASE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_BL4
SAS label: WALL MOTION SCORE VARIABLE FOR LATERAL WALL, AT BASE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_MA4
SAS label: WALL MOTION SCORE FOR ANTERIOR WALL, AT MID VENTRICLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_MAS4
SAS label: WALL MOTION SCORE FOR ANTERIOR SEPTUM, AT MID VENTRICLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: RWM_MI4
SAS label: WALL MOTION SCORE FOR INFERIOR WALL, AT MID-VENTRICLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_MIS4
SAS label: WALL MOTION SCORE FOR INFERIOR SEPTUM, AT MID-VENTRICLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWM_ML4
SAS label: WALL MOTION SCORE FOR LATERAL WALL, AT MID VENTRICLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: IVSDD4
SAS label: INTER VENTRICULAR SEPTUM IN DIASTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: IVSS4
SAS label: INTER VENTRICULAR SEPTUM IN SYSTOLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: SDDMM4
SAS label: SEPTAL THICKNESS IN DIASTOLE (M-MODE MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SSD2D4
SAS label: SEPTAL THICKNESS IN SYSTOLE (2-D MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SSDMM4
SAS label: SEPTAL THICKNESS IN SYSTOLE (M-MODE MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TRMEANG4
SAS label: TRICUSPID VALVE MEAN GRADIENT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TRMEANV4
SAS label: TRICUSPID VALVE MEAN VELOCITY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: TRPEAKA4
SAS label: TRICUSPID VALVE PEAK ACCELERATION

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TRPEAKG4
SAS label: TRICUSPID VALVE PEAK GRADIENT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TRPEAKV4
SAS label: TRICUSPID VALVE PEAK VELOCITY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TRTIME4
SAS label: DURATION OF TRICUSPID REGURGITATION

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TRTVI4
SAS label: TRICUSPID VALVE TIME VELOCITY INTEGRAL

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: UNIQUEF4
SAS label: UNIQUEFIELD

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BSA4
SAS label: BODY SURFACE AREA (M²)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVMASS4
SAS label: LEFT VENTRICULAR MASS (G)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FS4
SAS label: FRACTIONAL SHORTENING (ABSOLUTE UNITS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: A4
SAS label: PORTION OF COMPLEX DERIVED VARIABLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: B4
SAS label: PORTION OF COMPLEX DERIVED VARIABLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: CESS4
SAS label: CIRCUMFERENTIAL END SYSTOLIC STRESS (KDYNE/CM²)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: EDV4
SAS label: END DIASTOLIC VOLUME (ML)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ESV4
SAS label: END SYSTOLIC VOLUME (ML)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ESVI4
SAS label: END SYSTOLIC VOLUME INDEX (ESV/BSA)(ML/M²)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: AREA4
SAS label: AORTIC AREA (CM²)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: STVOL4
SAS label: STROKE VOLUME (ML)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVMHT274
SAS label: LVMASS DIVIDED BY METER AND RAISED TO THE 2.7 POWER

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVMI4
SAS label: LEFT VENTRICULAR MASS INDEX LVM/BSA (G/M²)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ESSM4
SAS label: MERIDIONAL END-SYSTOLIC STRESS (KDYNE/CM²)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: EF4
SAS label: EJECTION FRACTION (ABSOLUTE UNITS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: EF2D4
SAS label: DERIVE 2D EF FROM WM SCORE INDEX AS WMSCORE4*#
SEGMENTS SEEN IF ALL SEG ARE SEEN

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: VCF4
SAS label: VELOCITY OF CIRCUMFERENTIAL FIBER SHORTENING
(ABSOLUTE UNITS/SEC)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: CARDOUT4
SAS label: CARDIAC OUTPUT (ML/MINUTES)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TPR4
SAS label: TOTAL PERIPHERAL RESISTANCE (DYNE•CM•SEC-5)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: PPSTVOL4
SAS label: PULSE PRESSURE OVER STROKE VOLUME (MMHG/ML)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: CARDBSA4
SAS label: CARDIAC OUTPUT/BODY SURFACE AREA (ML/MIN/M²)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: HS4
SAS label: SYSTOLIC MIDWALL SHELL THICKNESS (CM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MWS4
SAS label: MIDWALL SHORTENING (CM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MWSPRED4
SAS label: MIDWALL SHORTENING PREDICTED (ABSOLUTE UNITS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: MWSMWSP4
SAS label: MIDWALL SHORTENING AS PERCENT OF PREDICTED (%)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MAEA4
SAS label: MAE/MAA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MVEA4
SAS label: MVE/MVA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVMWDS4
SAS label: LV SYSTOLIC MIDWALL DIMENSION (CM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LVMWDD4
SAS label: LV DIASTOLIC MIDWALL DIMENSION (CM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: AREG4
SAS label: AORTIC REGURGITATION

Code or Value	Value description	Skip to item
0	No	
1	1+	
2	2+	
3	3+	
4	4+	
.	Missing	

Variable name: AREG34
SAS label: AORTIC REGURGITATION

Code or Value	Value description	Skip to item
0	No	
1	<2	
2	>= 2	
.	Missing	

Variable name: AREGDUM4
SAS label: AORTIC REGURGITATION

Code or Value	Value description	Skip to item
1	NO AREG	
2	AREG, ANY DEGREE	
.	Missing	

Echocardiography

Variable name: MREG4
SAS label: MITRAL REGURGITATION

Code or Value	Value description	Skip to item
0	No	
1	1+	
2	2+	
3	3+	
4	4+	
.	Missing	

Variable name: MREG34
SAS label: MITR REG. SEVERITY

Code or Value	Value description	Skip to item
0	No	
1	<2	
2	>= 2	
.	Missing	

Variable name: MREGDUM4
SAS label: PRESENCE/ABSENCE OF MREG4

Code or Value	Value description	Skip to item
1	NO AREG	
2	AREG, ANY DEGREE	
.	Missing	

Echocardiography

Variable name: AOSTEN4
SAS label: AORTIC STENOSIS

Code or Value	Value description	Skip to item
0	NO	
1	MILD	
2	MODERATE	
3	SEVERE	
.	Missing	

Variable name: AOBICUS4
SAS label: BICUSPID AORTIC VALVE

Code or Value	Value description	Skip to item
1	AOFIC	
.	Missing	

Variable name: AOCALC4R
SAS label: AO FIC AND AORTIC VALVE LEAF THICKENING

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MSTEN4
SAS label: MR STENOSIS

Code or Value	Value description	Skip to item
0	NO	
1	MILD	
2	MODERATE	
.	Missing	

Echocardiography

Variable name: MVPROS4
SAS label: MR VALVE PROTHESIS SEEN

Code or Value	Value description	Skip to item
1	Yes	
.	Missing	

Variable name: AOPROS4
SAS label: AORTIC VALVE PROSTHESIS SEEN

Code or Value	Value description	Skip to item
1	Yes	
.	Missing	

Variable name: MAC4
SAS label: THICKENED MITRAL ANULUS

Code or Value	Value description	Skip to item
0	No	
1	Yes	
.	Missing	

Variable name: AOCALCR4
SAS label:

Code or Value	Value description	Skip to item
0	No	
1	Yes	
.	Missing	

Echocardiography

Variable name: PARASEP4
SAS label: NO PARADOXICAL SEPTAL MOTION

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_AA4
SAS label: APICAL ANTERIOR WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_AI4
SAS label: APICAL INFERIOR WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_AL4
SAS label: APICAL LATERAL WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Echocardiography

Variable name: M_AS4

SAS label: APICAL SEPTUM WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_BA4

SAS label: BASAL ANTERIOR WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_BAS4

SAS label: BASAL ANTERIOR SEPTAL WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_BI4

SAS label: BASAL INFERIOR WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Echocardiography

Variable name: M_BIS4

SAS label: BASAL INFERIOR SEPTAL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_BL4

SAS label: BASAL LATERAL WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_MA4

SAS label: MEDIAL ANTERIOR WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_MAS4

SAS label: MEDIAL ANTERIOR SEPTAL WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Echocardiography

Variable name: M_MI4
SAS label: MEDIAL INFERIOR MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_MIS4
SAS label: MEDIAL INFERIOR SEPTAL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: M_ML4
SAS label: MEDIAL LATERAL WALL MOTION ABNORMALITY

Code or Value	Value description	Skip to item
1	No	
.	Missing	

Variable name: PWTD4
SAS label: POSTERIOR WALL THICKNESS IN DIASTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: PWTS4
SAS label: POSTERIOR WALL THICKNESS IN SYSTOLE (VALUE DERIVED FROM PRIMARY 2-D OR M-MODE MEASUREMENT)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: R4
SAS label: PORTION OF COMPLEX DERIVED VARIABLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWT4
SAS label: RELATIVE WALL THICKNESS (ABSOLUTE UNITS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SDD2D4
SAS label: SEPTAL THICKNESS IN DIASTOLE (2-D MODULE)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SVMODE4
SAS label: STROKE VOLUME FROM M-MODE (ML)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: TPRBSA4
SAS label: TOTAL PERIPHERAL RESISTANCE INDEX TPR/BSA
(DYNE•CM•SEC-5•M²)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: VIT4
SAS label: DENOMINATOR TO DERIVE WALL MOTION SCORE INDEX

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WMABNOR4
SAS label: WALL MOTION ABNORM BY 2D, IF ALL SEG ARE SEEN

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WMGLODU4
SAS label: GLOB WALL MOTION ABNORMALITIES

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WMNORMA4
SAS label: WALL MOTION NORMAL VERSUS ABNORMAL GOBAL ABNORM

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: WMSCORE4
SAS label: WALL MOTION SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WMSEGDU4
SAS label: SEGMENTAL WALL MOTION ABNORMALITIES

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ECHODAT4
SAS label: ECHO EXAM DATE

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: ECHODATED
SAS label: ECHO DATE

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: ECHODATEE
SAS label: ECHO DATE

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Echocardiography

Variable name: DATEREC4
SAS label: DATE OF EXAM

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: EDITDAT4
SAS label: EDITTAPE

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: CAROTID4
SAS label: CAROTID SEQUENCE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LOCATIO4
SAS label: LOCATION

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: READDAT4
SAS label: DATE TAPE INITIALLY READ

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Echocardiography

Variable name: READDATED
SAS label: DATE TAPE INITIALLY READ

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: READDATEE
SAS label: DATE TAPE INITIALLY READ

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: SONOGRA4
SAS label: SONOGRAPHER

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: SUMMAR4
SAS label: SUMMARYDIMT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TAPEENT4
SAS label: TAPEENTRY

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Echocardiography

Variable name: C104
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C114
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C124
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C134
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C144
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: C154
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C164
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C174
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C184
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C194
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: C204
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C214
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C224
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C234
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C244
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: C254
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C264
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C274
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C294
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C304
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: C344
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C444
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C544
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C644
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C744
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: C844
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C944
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C1444
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C2444
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C2844
SAS label: CLINICAL COMMENT CODE (CODED)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: FLAG1
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG2
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG3
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG4
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG5
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: FLAG6
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG7
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG8
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG9
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG10
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: FLAG11
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG12
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG13
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG14
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FLAG15
SAS label: VARIABLE THAT IDENTIFIES THE FREECOM CODE PROLAPSE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Echocardiography

Variable name: FREECO14
SAS label: FREECOM 1

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECO24
SAS label: FREECOM 2

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECO34
SAS label: FREECOM 3

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECO44
SAS label: FREECOM 4

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECO54
SAS label: FREECOM 5

Code or Value	Value Description	Skip to item
Open text field blank		

Echocardiography

Variable name: FREECO64
SAS label: FREECOM 6

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECO74
SAS label: FREECOM 7

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECO84
SAS label: FREECOM 8

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECO94
SAS label: FREECOM 9

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECOM10
SAS label: FREECOM 10

Code or Value	Value Description	Skip to item
Open text field blank		

Echocardiography

Variable name: FREECOM11
SAS label: FREECOM 11

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECOM12
SAS label: FREECOM 12

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECOM13
SAS label: FREECOM 13

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECOM14
SAS label: FREECOM 14

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: FREECOM15
SAS label: FREECOM 15

Code or Value	Value Description	Skip to item
Open text field blank		

Echocardiography

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: IDNUM
SAS label: ID NUMBER

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: CAROTID4
SAS label: CAROTID SEQUENCE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LEFTBUL4
SAS label: LEFT BULB CAROTID SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Carotid Arteries

Variable name: LEFTCCA4
SAS label: LEFT COMMON CAROTID ARTERY CAROTID SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LEFTDD4
SAS label: LEFT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LEFTECA4
SAS label: LEFT EXTERNAL CAROTID ARTERY CAROTID

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LEFTICA4
SAS label: LEFT INTERNAL CAROTID ARTERY CAROTID SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LEFTIMT4
SAS label: LEFT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Carotid Arteries

Variable name: LEFTSD4
SAS label: LEFT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RIGHTBUL
SAS label: RIGHT BULB CAROTID SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RIGHTCC4
SAS label: RIGHT COMMON CAROTID ARTERY CAROTID SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RIGHTDD4
SAS label: RIGHT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RIGHTEC4
SAS label: RIGHT COMMON CAROTID ARTERY EXTERNAL CAROTID ARTERY CAROTID

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Carotid Arteries

Variable name: RIGHTIC4
SAS label: RIGHT INTERNAL CAROTID ARTERY CAROTID SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RIGHTIM4
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: RIGHTSD4
SAS label: RIGHT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SUMMAR4
SAS label: SUMMARYDIMT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Carotid Arteries

Variable name: ATH_L4
SAS label: LEFT ATHEROSCLEROSIS SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ATH_R4
SAS label: RIGHT ATHEROSCLEROSIS SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ATH_MAX4
SAS label: MAXIMUM ATHEROSCLEROSIS SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ATHER4
SAS label: PRESENCE OR ABSENCE OF PLAQUE

Code or Value	Value description	Skip to item
0	NO PLAQUE	
1	PLAQUE	
.	Missing	

Carotid Arteries

Variable name: IMT_M4
SAS label: MEAN COMMON CAROTID IMT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: EFFSEG4
SAS label: CAROTID ATHEROSCLEROSIS SCORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWTART_L4
SAS label: ARTERIAL RELATIVE WALL THICKNESS LEFT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RWTART_R4
SAS label: ARTERIAL RELATIVE WALL THICKNESS RIGHT

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ARTCSA_L4
SAS label: LEFT ARTERIAL CROSS-SECTIONAL AREA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Carotid Arteries

Variable name: ARTCSA_R4
SAS label: RIGHT ARTERIAL CROSS-SECTIONAL AREA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: DIAM_D_M
SAS label: MEAN COMMON CAROTID DIASTOLIC DIAMETER

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AODBP4
SAS label: CENTRAL DIASTOLIC BP FROM APPLANATION TONOMETRY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AOPP4
SAS label: CENTRAL PULSE PRESSURE FROM APPLANATION TONOMETRY

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AOSBP4
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: BETA_L4
SAS label: LEFT ARTERIAL STIFFNESS INDEX

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BETA_R4
SAS label: RIGHT ARTERIAL STIFFNESS INDEX

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: ID NUMBER

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SYSTEM_ID4
SAS label: SYSTEM ID

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: DATABASE_ID4
SAS label: DATABASE ID

Code or Value	Value Description	Skip to item
Open text field blank		

Applanation Tonometry

Variable name: PATIENT_NUMBER4

SAS label: PATIENT NUMBER

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SEX4TON

SAS label: GENDER

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: DATEREVISED4

SAS label: DATE OF STUDY

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: TIME4

SAS label: TIME OF STUDY

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: PATIENT_CODE4

SAS label: PATIENT CODE

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Applanation Tonometry

Variable name: OPERATOR4
SAS label: SONOGRAPHER

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: HEIGHTPH4TONOM
SAS label: HEIGHT (CM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WEIGHTPH4TONOM
SAS label: WEIGHT (KG)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_DPDTMAX
SAS label: DP/DT MAX

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: P_QC_PH4
SAS label: PULSE HEIGHT (QUALITY CONTROL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: P_QC_PLV4
SAS label: PULSE LENGTH VARIATION (QUALITY CONTROL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: P_QC_DV4
SAS label: PULSE DIASTOLIC VARIATION (QUALITY CONTROL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_SBPBR
SAS label: S4 BRACHIAL BP

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_DBPBR
SAS label: PERIPHERAL DIASTOLIC PRESSURE (MMHG)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_MBPBR
SAS label: PERIPHERAL PULSE PRESSURE (MMHG)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: S4ART_PPBR
SAS label: PERIPHERAL MEAN PRESSURE (MMHG)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: P_T14
SAS label: PERIPHERAL T1

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: P_T24
SAS label: PERIPHERAL T2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AIBR
SAS label: PERIPHERAL AUGMENTATION INDEX (%)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: ED_A4
SAS label: ED

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: S4ART_AUG_MMHG
SAS label: AUGMENTATION (AG) (MMHG)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AOMBP_SYSTOLE
SAS label: CENTRAL AORTIC MEAN PRESSURE SYSTOLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AOMBP_DIASTOLE
SAS label: CENTRAL AORTIC MEAN PRESSURE DIASTOLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_BUCKBERG_TTI
SAS label: BUCKBERG TTI (TENSION TIME INDEX) (AS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_BUCKBERG_DTI
SAS label: BUCKBERG DTI (DIASTOLIC TIME INDEX) (AD)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: S4ART_DTIOVERTTI
SAS label: BUCKBERG SEVR (AD/AS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_HRAT
SAS label: HEART RATE (BPM)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_PERIOD4
SAS label: HEAR RATE PERIOD (MS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_DD4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AOEJECTIONTIME
SAS label: AORTIC EJECTION DURATION PERIOD (%)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: C_DD_PERIOD4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_PH4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AOAI
SAS label: AORTIC AUGMENTATION INDEX (AG/PP)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AOAI_ATHR75
SAS label: AORTIC INDEX (AG/PP) @HR75

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_P1HEIGHT_MINUSAODP
SAS label: AORTIC- P1 HEIGHT (P1-DP) (MMHG)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: S4ART_AOTIMETOREFLECTION
SAS label: AORTIC TIME TO REFLECTION (MS)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AOSBP
SAS label: AORTIC SYSTOLIC PRESSURE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AODBP
SAS label: AORTIC DIASTOLIC PRESSURE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AOPP
SAS label: AORTIC PULSE PRESSURE-DERIVED VARIABLE BY DF (MMHG)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_BETAL4
SAS label: BETAL-ARTERIAL STIFFNESS INDEX

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: S4ART_BETAR4
SAS label: BETAR-ARTERIAL STIFFNESS INDEX

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_AOMBP
SAS label: AORTIC MEAN PRESSURE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_TTFIRSTPEAK
SAS label: AORTIC TIME TO FIRST PEAK

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_TTSECONDPEAK
SAS label: AORTIC TIME TO SECOND PEAK

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ART_PEAK1OVERPEAK2
SAS label: AORTIC INDEX (P2/P1)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: ED_B4

SAS label: ED

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: CALCED_A4

SAS label: CALCED

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_ESP4

SAS label: AORTIC END SYSTOLIC PRESSURE (MMHG)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: P_QC_PHV4

SAS label: PULSE HEIGHT VARIATION QUALITY CONTROL VARIABLE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SPARE1_B4

SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Applanation Tonometry

Variable name: SP4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: DP4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MP4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: DATA_REV4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: V304
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Open text field blank		

Applanation Tonometry

Variable name: V314
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: V324
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: V334
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Open text field blank		
Open text field specified	Range of text fields	

Variable name: V344
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: DATETIME4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Open text field blank		

Applanation Tonometry

Variable name: MEDICATION4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: NOTES4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: SAMPLE_RATE4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SUB_TYPE4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: QUALITY_ED4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: **CALCED4**
SAS label: **PHASE 4 TONOMETRY DATA**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **S4ART_ESPBR**
SAS label: **PHASE 4 TONOMETRY DATA**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **P_P14**
SAS label: **PHASE 4 TONOMETRY DATA**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **P_P24**
SAS label: **PHASE 4 TONOMETRY DATA**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: **P_T1ED4**
SAS label: **PHASE 4 TONOMETRY DATA**

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: P_T2ED4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: P_QUALITY_T14
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: P_QUALITY_T24
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_CO_TTIME4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_CO_AREA_A4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: C_CO_AREA_B4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_CO_AREA_C4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_CO_AREA_D4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_CO_MP_A4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_CO_MP_C4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: C_P14
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_P24
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_T1ED4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_T2ED4
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: C_QUALITY_T14
SAS label: PHASE 4 TONOMETRY DATA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Applanation Tonometry

Variable name: C_QUALITY_T24
SAS label: PHASE 4 TONOMETRY DATA

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	

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: GTT4_1
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: GTT4_2
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: GTT4_2A
SAS label: FASTING BLOOD SAMPLE TAKEN SPECIFY OTHER
Question: Q2: Is FASTING blood sample taken? Other specify
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: GTT4_3
SAS label: LAST TIME ATE
Question: Q3: When was the last time you ate (Use military time)?
Note: None

Code or Value	Value Description	Skip to item
Time in HH:MM	Range of values	

Variable name: GTT4_4
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
Time in HH:MM	Range of values	

Variable name: GTT4_5
SAS label: URINE SAMPLE TAKEN
Question: Q5: Is urine sample taken?
Note: None

Code or Value	Value description	Skip to item
1	Yes	Skip to Q7 (GTT4_7)
2	No	
.	Missing	

Sample Collection Checklist

Variable name: GTT4_6
SAS label: WHY NO URINE SAMPLE TAKEN
Question: Q6: If no, why?
Note: None

Code or Value	Value description	Skip to item
1	On dialysis	
2	Cannot urinate	
3	Other, specify	
.	Missing	

Variable name: GTT4_6A
SAS label: WHY NO URINE SAMPLE TAKEN SPECIFY OTHER
Question: Q6: If no, why? Other specify
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: GTT4_7
SAS label: TIME OF URINE SAMPLE
Question: Q7: Time of collection of urine sample
Note: None

Code or Value	Value Description	Skip to item
Time in HH:MM	Range of values	

Sample Collection Checklist

Variable name: GTT4_8A
SAS label: BLOOD SAMPLE: CHEM PROFILE LIPIDS, INSULIN (10 ML SST OF SERUM)
Question: Q8a: One 10 ml SST for Chem Profile, Lipids, Insulin (serum)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_8B
SAS label: BLOOD SAMPLE: PAI-1, FIBRINOGEN (4.5 ML LT BLUE OF PLASMA)
Question: Q8b: One 4.5 ml Lt Blue for PAI-1 and Fibrinogen (plasma)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_8C
SAS label: BLOOD SAMPLE: FASTING GLUCOSE (7 ML GRAY OF PLASMA)
Question: Q8c: One 7 ml Gray for Fasting glucose (plasma)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Sample Collection Checklist

Variable name: GTT4_8D
SAS label: BLOOD SAMPLE: HERAPARIN STORAGE (10 ML GREEN OF PLASMA/BUFFY COAT)
Question: Q8d: One 10 ml Green for Heparin storage (plasma/buffy coat)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_8E
SAS label: BLOOD SAMPLE: HBA1C (10 ML PURPLE OF WHOLE BLOOD)
Question: Q8e: One 10 ml Purple for HbA1c (whole blood)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_8F
SAS label: BLOOD SAMPLE: DNA (10 ML PURPLE OF BUFFY COAT)
Question: Q8f: One 10 ml Purple for DNA (buffy coat)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Sample Collection Checklist

Variable name: GTT4_8G
SAS label: BLOOD SAMPLE: LDL SIZE, APOE (10 ML PURPLE OF SERUM)
Question: Q8g: One 10 ml Purple for LDL size, APoE (serum)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_8H
SAS label: URINE SAMPLE: ALBUMIN/CREATININE (URINE)
Question: Q8h: Urine for albumin/creatinine (urine)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_9
SAS label: VOLUNTEER BLOOD/URINE QC
Question: Q9: Is this participant also a volunteer for blood/urine QC?
Note: None

Code or Value	Value description	Skip to item
1	Yes	
2	No	Skip to Q12 (GTT4_CHK)
.	Missing	

Sample Collection Checklist

Variable name: GTT4_10
SAS label: QC ID
Question: Q10: QC ID
Note: Second digit is “3”

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: GTT4_11A
SAS label: QC SAMPLE: CHEM PROFILE LIPIDS, INSULIN (10 ML SST OF SERUM)
Question: Q11a: One 10 ml SST for Chem Profile, Lipids, Insulin (serum)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_11B
SAS label: QC SAMPLE: PAI-1, FIBRINOGEN (4.5 ML LT BLUE OF PLASMA)
Question: Q11b: One 4.5 ml Lt Blue for PAI-1, Fibrinogen (plasma)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Sample Collection Checklist

Variable name: GTT4_11C
SAS label: QC SAMPLE: FASTING GLUCOSE (7 ML GRAY OF PLASMA)
Question: Q11c: One 7 ml Gray for Fasting glucose (plasma)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_11D
SAS label: QC SAMPLE: LDL SIZE, APOE (10 ML PURPLE OF SERUM)
Question: Q11d: One 10 ml Purple for LDL size, APoE (serum)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Variable name: GTT4_11E
SAS label: QC SAMPLE: ALBUMIN/CREATININE (URINE)
Question: Q11e: Urine for albumin/creatinine (urine)
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Sample Collection Checklist

Variable name: GTT4_CHK
SAS label: USE TOBACCO, CAFFEINE, OR ALCOHOL
Question: Q12: We ask you not to use any tobacco, caffeine or alcohol until you have completed your visit with us today. We do this so that your test results are not affected by use of these substances. If you did, when and what?
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: Q13: 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: Q14: Today's Date
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Sample Collection Checklist

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: S4G0
SAS label: FASTING GLUCOSE (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4P_CREAT
SAS label: PLASMA CREATININE (mg/dl)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4INSU
SAS label: INSULIN (uU/mL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: S4TPROT
SAS label: TOTAL PROTEIN (gm/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4P_ALB
SAS label: PLASMA ALBUMIN (gm/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4UACID
SAS label: URIC ACID (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4BUN
SAS label: BLOOD UREA NITROGEN (mg/dl)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4CAL
SAS label: CALCIUM (mg/dl)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: S4PHOSP
SAS label: PHOSPHORUS (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4CHL
SAS label: CHLORIDE (mEq/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4SOD
SAS label: SODIUM (mEq/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4POT
SAS label: POTASSIUM (mEq/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ALP
SAS label: ALKALINE PHOSPHATASE (U/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: S4ALT
SAS label: ALANINE AMINOTRANSFERASE (SGPT) (IU/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4AST
SAS label: ASPARTATE AMINOTRANSFERASE (SGOT) (IU/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4TBILI
SAS label: TOTAL BILIRUBIN (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4HBA1C
SAS label: HEMOGLOBIN A1C (%)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4CO2
SAS label: CO2(mEq/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: S4LDH
SAS label: LACTATE DEHYDROGENASE (LDH) (IU/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

HEMOSTASIS

Variable name: S4FIBRIN
SAS label: FIBRINOGEN (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

LIPIDS

Variable name: S4APOA1
SAS label: APO LIPOPROTEIN A1 (APOA1) (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4APOB
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: S4TC
SAS label: TOTAL CHOLESTEROL (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4TG
SAS label: TRIGLYCERIDE (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4HDL
SAS label: HDL CHOLESTEROL (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4LDL
SAS label: LDL CHOLESTEROL (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4CRP
SAS label: C-REACTIVE PROTEIN (CRP) (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: S4PAI1
SAS label: PLASMOGEN ACTIVATOR INHIBITOR-1 (PAI-1) (ng/mL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4FFA
SAS label: FREE FATTY ACID (mEq/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4IL
SAS label: INTERLEUKIN 6 (IL-6)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

URINE COLLECTION

Variable name: S4U_ALB
SAS label: URINE ALBUMIN (mg/L)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4U_CREA
SAS label: URINE CREATININE (mg/dL)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Laboratory Measures

Variable name: CENTER
SAS label: SHS SITE

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

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: WBC4
SAS label: WHITE BLOOD CELL COUNT (10⁹/L)
Question: Q1: WBC (10⁹/L)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: RBC4
SAS label: RED BLOOD CELL COUNT (10¹²/L)
Question: Q2: RBC (10¹²/L)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: HGB4
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: HCT4
SAS label: HEMATOCRIT (%)
Question: Q4: HCT (%)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MCV4
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: MCH4
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: MCHC4
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: RDW4
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: PLT4
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: MPV4
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: NEUT4
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: Lymph4
SAS label: LYMPHOCYTE (%)
Question: Q12: LYMPH (%)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: Mono4
SAS label: MONOCYTE (%)
Question: Q13: MONO (%)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: EOS4
SAS label: EOSINOPHIL (%)
Question: Q14: EOS (%)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: Baso4
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	

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	

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: S4ANTIHIST
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: S4ANTIBIOTIC
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: S4ANTINEO
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: S4ANTICOAG
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: S4CARDIAC
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: S4LIPIDLOW
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: S4HYPOTEN
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: S4BETABLOCK
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: S4ANALGESIC
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: S4ASPIRIN
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: S4ANTICONV
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: S4PSYCHOTHER
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: S4DIURETIC
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: S4GASTRO
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: S4ADRENAL
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: S4CONTRA
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: S4ESTRO
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: S4ANTIDM
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: S4INSULIN
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: S4SULFRON
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: S4THYROID
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: S4SKIN
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: S4VITAMIN
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: OTC31
SAS label: OVER THE COUNTER MEDICATION
Question: Over the counter medications
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

Derived Medication Details

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	

Variable name: PRN31
SAS label: TAKE AS NEEDED
Question: Take medication as needed
Note: None

Code or Value	Value description	Skip to item
0	No	
1	Yes	

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	

Derived Medication Details

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 specified	Range of text fields	

Variable name: CENTER
SAS label: SHS SITE

Code or Value	Value description	Skip to item
1	AZ	
2	OK	
3	SD	

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: S4ANTIHIIST
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: S4ANTIBIOTIC
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	

Variable name: S4ANTINEO
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: S4ANTICOAG
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: S4CARDIAC
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: S4LIPIDLOW
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: S4HYPOTEN
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: S4BETABLOCK
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: S4ANALGESIC
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: S4ASPIRIN
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: S4ANTICONV
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: S4PSYCHOTHER
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: S4DIURETIC
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: S4GASTRO
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: S4ADRENAL
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: S4CONTRA
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: S4ESTRO
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: S4ANTIDM
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: S4INSULIN
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: S4SULFRON
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: S4THYROID
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: S4SKIN
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: S4VITAMIN
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 4 Derived Diet Score Variables

Variable name: IDNO
SAS label: SHS ID
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: VEG_GRAMS
SAS label: SHS4 VEGETABLES (gms)
Note: Sum of all vegetable gram variables

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WHOLEFRUIT_GRAMS
SAS label: SHS4 WHOLE FRUIT (gms)
Note: Sum of all whole fruit gram variables

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WHOLEFRUIT_SRV
SAS label: SHS4 WHOLE FRUIT (servings)
Note: 1 serving = 0.5 cups = 118.295 g

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: WHOLEGRAIN_BREAD
SAS label: SHS4 WHOLE GRAIN BREAD (servings)
Note: 1 slice of bread = 28 grams; 1 serving of food = 15 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WHOLEGRAIN_CEREAL
SAS label: SHS4 WHOLE GRAIN CEREAL (servings)
Note: 1 cup of cold cereal = 30 grams; 1 serving of food = 15 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WHOLEGRAIN_OATMEAL
SAS label: SHS4 WHOLE GRAIN OATMEAL (servings)
Note: 1 cup of oatmeal = 40 grams; 1 serving of food = 15 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WHOLEGRAINS
SAS label: SHS4 WHOLE GRAINS (servings)
Note: Sum of whole grain bread servings, cold cereal servings, oatmeal servings

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: SSB_GRAMS
SAS label: SHS4 SUGAR-SWEETENED BEVERAGES (gms)
Note: Sum of all sugar-sweetened beverages gram variables

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SSB_SRV
SAS label: SHS4 SUGAR-SWEETENED BEVERAGES (servings)
Note: 1 serving = 8 oz = 226.8 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: NUTS_GRAMS
SAS label: SHS4 NUTS AND PEANUT BUTTER (gms)
Note: Sum of nuts and peanut butter gram variables

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: BEANS_SRV
SAS label: SHS4 BEANS (servings)
Note: 1 serving = 113.4 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: PB_SRV
SAS label: SHS4 PEANUT BUTTER (servings)
Note: 1 serving = 16 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: TOFU_SRV
SAS label: SHS4 TOFU (servings)
Note: 1 serving = 0.5 cups = 126 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: NUTS_SRV
SAS label: SHS4 NUTS (servings)
Note: 1 serving = 1 oz = 28.35 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: LEGUMES_SRV
SAS label: SHS4 LEGUMES (servings)
Note: Sum of nuts servings, bean servings, peanut butter servings, tofu servings

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: MEAT_GRAMS
SAS label: SHS4 MEAT (gms)
Note: Sum of all meat gram variables

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: REDMEAT_SRV
SAS label: SHS4 RED MEAT (servings)
Note: 1 serving = 4 oz = 113.4 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PMEAT_SRV
SAS label: SHS4 PROCESSED MEAT (servings)
Note: 1 serving = 1.5 oz = 42.525 grams

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MEAT_SRV
SAS label: SHS4 MEAT (servings)
Note: Sum of red meat servings and processed meat servings

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: PCTTRANS
SAS label: SHS4 TRANS FAT (%)
Note: $(S4DT_TRFAT*9 / S4DT_KCAL)*100$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FISH_GRAMS
SAS label: SHS4 FISH (gms)
Note: Sum of all fish gram variables

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: N3FA
SAS label: SHS4 n-3 FA (gms)
Note: $Fish\ grams*(1/28.35)*(1/4)*7*(250/2)$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: PCTPOLY
SAS label: SHS4 POLYUNSATURATED FAT (%)
Note: $(S4DT_PFAT*9 / S4DT_KCAL)*100$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: DESSERT_GRAMS
SAS label: SHS4 DESSERT (gms)
Note: Sum of all dessert gram variables

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SODIUM_DECILE
SAS label: SHS4 SODIUM DECILES
Note: Derived decile from S4DT_SODI

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: DRINKS
SAS label: SHS4 NUMBER OF DRINKS
Note: If Ever or Never user, then DRINKS = 0. If Yes user, DRINKS = (INT24_67/7)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

AHEI SCORE AND COMPONENTS

Variable name: AHEIVEG
SAS label: SHS4 AHEI COMPONENT: VEGETABLES
Note: If S4VEGSRV less than 5, then AHEIVEG = (S4VEGSRV/5)*10
If S4VEGSRV 5 or more, then AHEIVEG = 10

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: AHEIFRUIT
SAS label: SHS4 AHEI COMPONENT: FRUIT
Note: If WHOLEFRUIT_SRV less than 4, then AHEIFRUIT = (WHOLEFRUIT_SRV/4)*10
 If WHOLEFRUIT_SRV 4 or more, then AHEIFRUIT = 10

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AHEIWHOLEGRAINS
SAS label: SHS4 AHEI COMPONENT: WHOLE GRAINS
Note: If female:
 If WHOLEGRAINS less than 75, then AHEIWHOLEGRAINS = (WHOLEGRAINS/75)*10
 If WHOLEGRAINS 75 or more, then AHEIWHOLEGRAINS = 10

 If male:
 If WHOLEGRAINS less than 90, then AHEIWHOLEGRAINS = (WHOLEGRAINS/90)*10
 If WHOLEGRAINS 90 or more, then AHEIWHOLEGRAINS = 10

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AHEISSB
SAS label: SHS4 AHEI COMPONENT: SUGAR-SWEETENED BEVERAGES
Note: If SSB_SRV more than 1, then AHEISSB = 0
 If SSB_SRV between 0 and 1, then AHEISSB = (10-(SSB_SRV*10))
 If SSB_SRV equals 0, then AHEISSB = 10

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: AHEILEGUMES
SAS label: SHS4 AHEI COMPONENT: LEGUMES
Note: If LEGUMES_SRV more than 1, then AHEILEGUMES = 10
 If LEGUMES_SRV between 0 and 1, then AHEILEGUMES = (LEGUMES_SRV*10)
 If LEGUMES equals 0, then AHEILEGUMES = 0

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AHEIMEAT
SAS label: SHS4 AHEI COMPONENT: MEAT
Note: If MEAT_SRV more than 1.5, then AHEIMEAT = 0
 If MEAT_SRV between 0 and 1.5, then AHEIMEAT = (10-(MEAT_SRV/1.5)*10)
 If MEAT_SRV equals 0, then AHEIMEAT = 10

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AHEITRANS
SAS label: SHS4 AHEI COMPONENT: TRANS FAT
Note: If PCTTRANS 4 or more, then AHEITRANS = 0
 If PCTTRANS between 0.5 and 4, then AHEITRANS = (10-(PCTTRANS/4*10))
 If PCTTRANS less than 0.5, then AHEITRANS = 10

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: AHEIN3FA
SAS label: SHS4 AHEI COMPONENT: n-3 FA
Note: If N3FA more than 250, then AHEIN3FA = 10
 If N3FA between 0 and 250, then AHEIN3FA= (N3FA/250)*10
 If N3FA equals 0, then AHEIN3FA = 0

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AHEIPOLY
SAS label: SHS4 AHEI COMPONENT: POLYUNSATURATED FAT
Note: If PCTPOLY more than 10, then AHEIPOLY = 10
 If PCTPOLY between 2 and 10, then AHEIPOLY = PCTPOLY
 If PCTPOLY less than 2, then AHEIPOLY = 0

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AHEINA
SAS label: SHS4 AHEI COMPONENT: SODIUM
Note: If SODIUM_DECILE = 9 then AHEINA = 0
 If SODIUM_DECILE = 8 then AHEINA = 1.11
 If SODIUM_DECILE = 7 then AHEINA = 2.22
 If SODIUM_DECILE = 6 then AHEINA = 3.33
 If SODIUM_DECILE = 5 then AHEINA = 4.44
 If SODIUM_DECILE = 4 then AHEINA = 5.55
 If SODIUM_DECILE = 3 then AHEINA = 6.66
 If SODIUM_DECILE = 2 then AHEINA = 7.77
 If SODIUM_DECILE = 1 then AHEINA = 8.88
 If SODIUM_DECILE = 0 then AHEINA = 10

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: AHEIALC
SAS label: SHS4 AHEI COMPONENT: ALCOHOL
Note: If DRINKS less than 0.5 then AHEIALC = 2.5 + (15*DRINKS)

If female:
 If DRINKS between 0.5 and 1.5, then AHEIDRINKS = 10
 If DRINKS between 1.5 and 2.5, then AHEIDRINKS = 25-(10*DRINKS)
 If DRINKS more than 2.5, then AHEIDRINKS = 0

If male:
 If DRINKS between 0.5 and 2.0, then AHEIDRINKS = 10
 If DRINKS between 2.0 and 3.5, then AHEIDRINKS = 35-(10*DRINKS)
 /1.5
 If DRINKS more than 3.5, then AHEIDRINKS = 0

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AHEI
SAS label: SHS4 ALTERNATIVE HEALTHY EATING INDEX (AHEI)
Note: Sum of AHEIVEG, AHEIFRUIT, AHEIWHOLEGRAINS, AHEISSB, AHEILEGUMES, AHEITRANS, AHEIN3FA, AHEIPOLY, AHEINA, AHEIALC

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: AHEI_NOALC
SAS label: SHS4 ALTERNATIVE HEALTHY EATING INDEX (AHEI) WITHOUT ALCOHOL COMPONENT
Note: Sum of AHEIVEG, AHEIFRUIT, AHEIWHOLEGRAINS, AHEISSB, AHEILEGUMES, AHEITRANS, AHEIN3FA, AHEIPOLY, AHEINA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

NETTLETON SCORE AND COMPONENTS

Variable name: WHOLEGRAINS_NSORE
SAS label: SHS4 NETTLETON SCORE: WHOLE GRAINS
Note: Grams/day divided into quartiles and then assigned a score.
 0 quartile = 0 pts, 1st quartile = 1 pt, 2nd quartile = 2 pts, 3rd quartile = 3pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: WHOLEFRUIT_GRAMS_NSORE
SAS label: SHS4 NETTLETON SCORE: WHOLE FRUIT
Note: Grams/day divided into quartiles and then assigned a score.
 0 quartile = 0 pts, 1st quartile = 1 pt, 2nd quartile = 2 pts, 3rd quartile = 3pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: VEG_GRAMS_NSORE
SAS label: SHS4 NETTLETON SCORE: VEGETABLES
Note: Grams/day divided into quartiles and then assigned a score.
 0 quartile = 0 pts, 1st quartile = 1 pt, 2nd quartile = 2 pts, 3rd quartile = 3pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: NUTS_GRAMS_NSORE
SAS label: SHS4 NETTLETON SCORE: NUTS
Note: Grams/day divided into quartiles and then assigned a score.
0 quartile = 0 pts, 1st quartile = 1 pt, 2nd quartile = 2 pts, 3rd quartile = 3pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: FISH_GRAMS_NSORE
SAS label: SHS4 NETTLETON SCORE: FISH
Note: Grams/day divided into quartiles and then assigned a score.
0 quartile = 0 pts, 1st quartile = 1 pt, 2nd quartile = 2 pts, 3rd quartile = 3pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: MEAT_GRAMS_NSORE
SAS label: SHS4 NETTLETON SCORE: MEAT
Note: Grams/day divided into quartiles and then assigned a score.
0 quartile = 3 pts, 1st quartile = 2 pt, 2nd quartile = 1 pts, 3rd quartile = 0 pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: DESSERT_GRAMS_NSORE
SAS label: SHS4 NETTLETON SCORE: DESSERT
Note: Grams/day divided into quartiles and then assigned a score.
0 quartile = 3 pts, 1st quartile = 2 pt, 2nd quartile = 1 pts, 3rd quartile = 0 pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: SSB_GRAMS_NSORE
SAS label: SHS4 NETTLETON SCORE: SUGAR-SWEETENED BEVERAGES
Note: Grams/day divided into quartiles and then assigned a score.
0 quartile = 3 pts, 1st quartile = 2 pt, 2nd quartile = 1 pts, 3rd quartile = 0 pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: POTATO_GRAMS_NSORE
SAS label: SHS4 NETTLETON SCORE: FRIED POTATOES
Note: Grams/day divided into quartiles and then assigned a score.
0 quartile = 3 pts, 1st quartile = 2 pt, 2nd quartile = 1 pts, 3rd quartile = 0 pts

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Diet Score Variables

Variable name: NETTLETON_SCORE

SAS label: SHS4 NETTLETON SCORE

Note: Sum of WHOLEGRAINS_NSORE, WHOLEFRUIT_GRAMS_NSORE,
VEG_GRAMS_NSORE, NUTS_GRAMS_NSORE,
FISH_GRAMS_NSORE, MEAT_GRAMS_NSORE,
DESSERT_GRAMS_NSORE, SSB_GRAMS_NSORE,
POTATO_GRAMS_NSORE

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 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: FAMID
SAS label: SHS FAMILY STUDY ID NUMBER
Note: None

Code or Value	Value Description	Skip to item
Open text field blank		

Variable name: S4EXDATE
SAS label: SHS4 EXAM DATE
Note: None

Code or Value	Value Description	Skip to item
Date value in MM/DD/YYYY	Range of values	

Variable name: S4AGE
SAS label: SHS4 AGE
Note: $S4AGE = (SHS4 \text{ Exam Date} - \text{Date of Birth}) / 365.25$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ADADM
SAS label: SHS4 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: S4ADADM
SAS label: SHS4 DURATION (YEARS) OF DIABETES ACCORDING TO 1997 ADA CRITERIA
Note: S4ADADM = Age at exam – Age diabetes was diagnosed

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Variables

Variable name: S4DMTX
SAS label: SHS4 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: S4SBP
SAS label: SHS4 SYSTOLIC BLOOD PRESSURE (mmHg)
Note: S4SBP = (1st measured SBP + 2nd measured SBP) / 2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4DBP
SAS label: SHS4 DIASTOLIC BLOOD PRESSURE (mmHg)
Note: S4DBP = (1st measured DBP + 2nd measured DBP) / 2

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Variables

Variable name: S4MBP
SAS label: SHS4 MEAN ARTERIAL PRESSURE (mmHg)
Note: S4MBP = (2/3 S4SBP) + (1/3 S4DBP)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4USHTN
SAS label: SHS4 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. S4SBP ≥ 140 mmHg

OR

4. S4DBP ≥ 90 mmHg

No Hypertension:

S4SBP < 140 AND S4DBP < 90 AND No Antihypertensive treatment

Code or Value	Value description	Skip to item
N	No	
Y	Yes	
	Missing	

Phase 4 Derived Variables

Variable name: S4HTNRX
SAS label: SHS4 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: S4ACR
SAS label: SHS4 ALBUMINURIA
Note: Normal: Urinary albumin/creatinine < 30 mg/g
 Microalbuminuria: 30 ≤ Urinary albumin/creatinine < 299 mg/g
 Macroalbuminuria: Urinary albumin/creatinine ratio ≥ 300 mg/g

Code or Value	Value description	Skip to item
1	Normal	
2	Microalbuminuria	
3	Macroalbuminuria	
.	Missing	

Variable name: S4UACR
SAS label: SHS4 URINARY ALBUMIN/CREATININE RATIO (mg/g)
Note: S4UACR = Urine Albumin / Urine Creatinine

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Variables

Variable name: S4LACR
SAS label: SHS4 NATURAL LOG OF URINARY ALBUMIN/CREATININE RATIO
Note: S4LACR = ln(S4UACR)

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4CCR
SAS label: SHS4 COCKROFT-GAULT CREATININE CLEARANCE (mm/min)
Note: If Male:

$$S4CCR = [(140 - \text{age}) * \text{weight}] / (72 * \text{serum creatinine})$$

If Female:

$$S4CCR = [[(140 - \text{age}) * \text{weight}] / (72 * \text{serum creatinine})] * 0.85$$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4GRFM2
SAS label: SHS4 GLOMERULAR FILTRATION RATE (mL/min/1.73²) - (MDRD with 175 constant)
Note: If male:

$$S4GRFM2 = 175 * \text{serum creatinine}^{-1.154} * \text{age}^{-0.203}$$

If female:

$$S4GRFM2 = 175 * \text{serum creatinine}^{-1.154} * \text{age}^{-0.203} * 0.742$$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Variables

Variable name: S4P_CREA_CAL
SAS label: SHS4 RECALIBRATED PLASMA CREATININE (mg/dL)
Note: S4P_CREA_CAL = -0.03816123 + 0.96368835 * S4P_CREA

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4GFR_MC
SAS label: SHS4 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (MDRD with 175 constant and recalibrated creatinine)
Note: If male:

$$S4GRF_MC = 175 * S4P_CREA_CAL^{-1.154} * S4AGE^{-0.203}$$

If female:

$$S4GRF_MC = 175 * S4P_CREA_CAL^{-1.154} * S4AGE^{-0.203} * 0.742$$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4GFR_EPIC
SAS label: SHS4 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (CKD-EPI and recalibrated creatinine)
Note: If male and S4P_CREA ≤ 0.9:

$$S4GRF_EPIC = 141 * (S4P_CREA_CAL / 0.9)^{-0.411} * 0.993^{S4AGE}$$

If male and S4P_CREA > 0.9:

$$S4GRF_EPIC = 141 * (S4P_CREA_CAL / 0.9)^{-1.209} * 0.993^{S4AGE}$$

If female and S4P_CREA ≤ 0.7:

$$S4GRF_EPIC = 144 * (S4P_CREA_CAL / 0.7)^{-0.329} * 0.993^{S4AGE}$$

If female and S4P_CREA > 0.7:

$$S4GRF_EPIC = 144 * (S4P_CREA_CAL / 0.7)^{-1.209} * 0.993^{S4AGE}$$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Variables

Variable name: S4RT_AAR
SAS label: SHS4 RIGHT ANKLE-ARM RATIO
Note: S4RT_AAR = Right ankle blood pressure / Right arm blood pressure

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4LT_AAR
SAS label: SHS4 LEFT ANKLE-ARM RATIO
Note: S4LT_AAR = Left ankle blood pressure / Right arm blood pressure

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4PP
SAS label: SHS4 PULSE PRESSURE (mm/Hg)
Note: S4PP = Systolic blood pressure – Diastolic blood pressure

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4BMI
SAS label: SHS4 BODY MASS INDEX (kg/m²)
Note: S4BMI = weight (kg) / (height (cm)/100)²

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Variables

Variable name: S4WHR
SAS label: SHS4 WAIST HIP RATIO
Note: S4WHR = Waist circumference / Hip circumference

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4BDFAT
SAS label: SHS4 %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:
$$\text{BODYH2O} = \text{EXP}(1.2004 * \text{LOG}(\text{height}) - 0.5529 * \text{LOG}(\text{resistance}) + 0.2164 * \text{LOG}(\text{weight}))$$

$$\text{S4BDFAT} = ([\text{weight} - (\text{bodyH2O} / 0.732)] / \text{weight}) * 100$$

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Variables

Variable name: S4SMOKE
SAS label: SHS4 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: S4SMKD
SAS label: SHS4 SMOKING DURATION IN YEARS
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Phase 4 Derived Variables

Variable name: S4PPY
SAS label: SHS4 SMOKING PACKS PER YEAR
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	

Variable name: S4ETOH
SAS label: SHS4 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 4 Derived Variables

Variable name: S4MENO
SAS label: SHS4 POSTMENOPAUSAL
Note: S4MENO = Y if menopause group is natural, surgical, age, or unknown
Else S4MENO = 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 4 Derived Variables

Variable name: S4ESTRO
SAS label: SHS4 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 or Phase 3 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: S4HOMAIR
SAS label: SHS4 HOMEOSTASIS ASSESSMENT (HOMA-IR)
Note: None

Code or Value	Value Description	Skip to item
Continuous value	Range of values	