Phase III
Pilot Family Study

Data Dictionary

THE NATIONAL HEART, LUNG, AND BLOOD INSTITUTE OF
THE NATIONAL INSTITUTES OF HEALTH
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To view more information about each variable, click either the variable name or label. This information based on the Phase III Data Forms.

Personal Interview Form I

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### WEIGHT SATISFACTION

- **INT2F_1**: SATISFIED YOUR PRESENT WEIGHT
- **INT2F_2**: LOSE OR GAIN WEIGHT
- **INT2F_3**: WEIGHT LOSS: EATING
- **INT2F_4**: WEIGHT LOSS: PHYSICAL ACTIVITY
- **INT2F_5**: WEIGHT LOSS: MEDICATION
- **INT2F_6**: WEIGHT LOSS: OTHER
- **INT2F_7**: WEIGHT LOSS: OTHER SPECIFY

### DENTURE AND EATING PROBLEMS

- **INT2F_8**: NATURAL TEETH
- **INT2F_9**: DESCRIBE HOW YOU CHEW
- **INT2F_10**: ABILITY TO CHEW

### FAMILY INCOME

- **INT2F_11**: HOUSEHOLD INCOME
- **INT2F_12**: MAIN DAILY ACTIVITY
- **INT2F_13**: MAIN DAILY ACTIVITY (2nd)
- **INT2F_14**: MAIN DAILY ACTIVITY (3rd)
- **INT2F_15**: MAIN DAILY ACTIVITY OTHER SPECIFY
- **INT2F_16**: RECEIVE INCOME: WAGES/SALARY
- **INT2F_60**: RECEIVE INCOME: PROFITS/BUSINESS
- **INT2F_61**: RECEIVE INCOME: GAMING/LOTTERY
- **INT2F_62**: RECEIVE INCOME: UNEMPLOYMENT BENEFITS
- **INT2F_63**: RECEIVE INCOME: RETIREMENT BENEFITS
- **INT2F_64**: RECEIVE INCOME: SOCIAL SECURITY
- **INT2F_70**: RECEIVE INCOME: LEASE PAYMENT
- **INT2F_56**: RECEIVE INCOME: OTHER
- **INT2F_65**: RECEIVE INCOME: SPECIFY OTHER
- **INT2F_67**: MOST INCOME FROM Q9
- **INT2F_17**: WORK HOURS PER WEEK
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<td>IF YES, PREFER TO: REDUCE # OF CIGARETTE</td>
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<td>IF YES, PREFER TO: USE NICOTINE PATCH/CHEWING GUM</td>
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## Medical History Form

### Medical History Form

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### ACCESS TO MEDICAL CARE

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<td>MEDF_42A</td>
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<td>PRIVATE FACILITY: RECEIVED CARE IN PAST 5Years</td>
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<td>HOW ARE APPOINTMENTS MADE</td>
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<td>MEDF_54</td>
<td>CAN YOU WALK IN</td>
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<td>MEDF_55</td>
<td>IF YES, HOW LONG TO BE SEEN</td>
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<td>MEDF_56</td>
<td>IF NO, HOW LONG TO GET ANOTHER APPOINTMENT</td>
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<td>MEDF_57</td>
<td>HOW LONG WAIT TO BE SEEN</td>
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<td>MEDF_58</td>
<td>HOW MUCH DO YOU PAY FOR A VISIT</td>
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**Administrative Information**

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Reproduction and Hormone Use (Women Only)

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<td>NUMBER OF PREGNANCY (GRAVIDITY)</td>
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<td>NUMBER OF LIVE BIRTHS (PARITY)</td>
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<td>NUMBER OF LIVING CHILDREN</td>
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<td>AGE STARTED TO USE BIRTH CONTROL PILLS</td>
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<td>YEARS USED BIRTH CONTROL PILLS</td>
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<td>STOPPED MENSTRUATING ONE YEAR AGO</td>
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<td>AGE AT MENOPAUSE</td>
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<td>REP_15</td>
<td>STOP ESTROGEN: CAUSED BLEEDING</td>
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<td>REP_16</td>
<td>STOP ESTROGEN: MADE BREASTS TENDER</td>
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<td>STOP ESTROGEN: MADE ME FEEL BLOATED</td>
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<tr>
<td>REP_21</td>
<td>STOP ESTROGEN: DOCTOR’S ADVICE</td>
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<tr>
<td>REP_22</td>
<td>STOP ESTROGEN: LONG TERM SIDE EFFECTS</td>
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<td>STOP ESTROGEN: OTHER</td>
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<td>ESTROGEN USE: RELIEF OF MENOPAUSE</td>
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<td>REP_26</td>
<td>ESTROGEN USE: PREVENT BONE LOSS</td>
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<td>ESTROGEN USE: PROTECT HEART DISEASE</td>
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<td>ESTROGEN USE: DOCTOR’S ADVICE</td>
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Reproduction and Hormone Use (Women Only)

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## Rose Questionnaire for Angina and Intermittent Claudication

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<td>ROSEF_2</td>
<td>CHEST PAIN WALKING UPHILL</td>
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<td>CHEST PAIN WALKING ORDINARY</td>
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<td>RESPONSE TO CHEST PAIN WHEN WALKING</td>
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<tr>
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<td>TIME TO CHEST PAIN RELIEF</td>
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<td>ROSEF_7A</td>
<td>CHEST PAIN: STERNUM (UPPER OR MIDDLE)</td>
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<td>CHEST PAIN: LEFT ARM</td>
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<td>ROSEF_9</td>
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<td>LEG PAIN LOCATION</td>
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<td>LEG PAIN LOCATION, IF CALVES NOT MENTIONED, SPECIFY</td>
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### Respiratory Questions

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<tr>
<td>RESPF_1</td>
<td>USUALLY HAVE A COUGH</td>
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<td>RESPF_2</td>
<td>COUGH 4-6 TIMES</td>
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<td>RESPF_3</td>
<td>COUGH ON GETTING UP</td>
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<td>RESPF_4</td>
<td>COUGH LIKE THIS FOR 3 CONSECUTIVE MONTHS</td>
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<td>RESPF_5Y</td>
<td>HOW LONG (YEAR)</td>
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<td>HOW LONG (MONTH)</td>
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<td>PHLEGM FROM THE CHEST WHEN YOU COUGH</td>
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<td>WHEEZY OR WHISTLING: HAVE A COLD</td>
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<td>WHEEZY OR WHISTLING: OCCASIONALLY APART FROM Colds</td>
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<td>RESPF_9</td>
<td>WHEEZY OR WHISTLING: MOST DAYS</td>
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<td>WHEEZY OR WHISTLING: MOST NIGHTS</td>
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<td>WHEEZY MADE YOU SHORT OF BREATH</td>
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<td>RESPF_12</td>
<td>SHORTNESS OF BREATH WHEN HURRYING</td>
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<td>WALK SLOWER DUE TO BREATHLESSNESS</td>
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<td>STOP FOR BREATH WHEN WALKING</td>
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<td>STOP FOR BREATH AFTER WALKING 100 YARDS</td>
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<td>BREATHLESS TO LEAVE THE HOUSE OR AFTER DRESSING</td>
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<td>LUNG TROUBLE BEFORE AGE OF 16</td>
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<td>RESPF_18</td>
<td>BEEN TOLD YOU SNORE</td>
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## Physical Examination

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### TOBACCO, CAFFEINE, AND ALCOHOL USE

| EXF_1 | TOBACCO IN LAST 4 HOURS |
| EXF_2 | LAST USE IN TOBACCO (HRS) |
| EXF_3 | LAST USE IN TOBACCO (MIN) |
| EXF_4 | HOW MANY ALCOHOLIC DRINKS PAST 24 HRS |
| EXF_5 | PHYSICAL ACTIVITY PAST 24 HRS |
| EXF_6 | CAFFEINE IN LAST 4 HRS |
| EXF_7 | LAST USE IN CAFFEINE (HRS) |
| EXF_8 | LAST USE IN CAFFEINE (MIN) |

### EXAMINATION OF EXTREMITIES FOR AMPUTATIONS

<p>| EXF_9 | EXTREMITIES MISSING |
| EXF_10 | RIGHT ARM: MISSING |
| EXF_11 | RIGHT ARM: CAUSE |
| EXF_11A | RIGHT ARM: OTHER CAUSE |
| EXF_12 | RIGHT HAND: MISSING |
| EXF_13 | RIGHT HAND: CAUSE |
| EXF_13A | RIGHT HAND: OTHER CAUSE |
| EXF_14 | RIGHT FINGER(S): MISSING |
| EXF_15 | RIGHT FINGER(S): HOW MANY |
| EXF_16 | RIGHT FINGER(S): CAUSE |
| EXF_16A | RIGHT FINGER(S): OTHER CAUSE |
| EXF_17 | LEFT ARM: MISSING |
| EXF_18 | LEFT ARM: CAUSE |
| EXF_18A | LEFT ARM: OTHER CAUSE |
| EXF_19 | LEFT HAND: MISSING |
| EXF_20 | LEFT HAND: CAUSE |
| EXF_20A | LEFT HAND: OTHER CAUSE |
| EXF_21 | LEFT FINGER(S): MISSING |
| EXF_22 | LEFT FINGER(S): HOW MANY |
| EXF_23 | LEFT FINGER(S): CAUSE |
| EXF_23A | LEFT FINGER(S): OTHER CAUSE |</p>
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<td>RIGHT TOE(S): CAUSE</td>
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**BLOOD PRESSURE**

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<td>EXF_46</td>
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## Physical Examination

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<td>WEIGHT (KG)</td>
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<td>EXF_56</td>
<td>WEIGHT (LB)</td>
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# Physical Examination

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## BREATH CO

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<td>EXF_80</td>
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Diabetic Foot Screen

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<td>FOOTF_4C</td>
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**Administrative Information**

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<td>CUT DOWN ON WORK OR ACTIVITIES DUE TO PHYSICAL HEALTH</td>
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<td>ACCOMPLISH LESS DUE TO PHYSICAL HEALTH</td>
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<td>QUAF_15</td>
<td>LIMITED IN TYPE OF WORK DUE TO PHYSICAL HEALTH</td>
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<td>CUT DOWN ON WORK OR ACTIVITIES DUE TO EMOTIONAL PROBLEMS</td>
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<td>DIDN'T DO WORK OR ACTIVITIES CAREFULLY DUE TO EMOTIONAL PROBLEMS</td>
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<td>BODILY PAIN DURING PAST 4 WEEKS</td>
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### Quality of Life (SF-36)

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<td>GET SICKER THAN OTHER PEOPLE</td>
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<td>AS HEALTHY AS ANYBODY I KNOW</td>
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<td>EXPECT MY HEALTH TO GET WORSE</td>
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#### Administrative Information

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**Gambling Questionnaire**

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## Risk Factor Knowledge Questions

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<td>MPVF</td>
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### DIFFERENTIAL

| NEUTF   | NEUTROPHIL (%) |
| LYMPHF  | LYMPHOCYTE (%) |
| MONOF   | MONOCYTE (%) |
| EOSF    | EOSINOPHIL (%) |
| BASOF   | BASOPHIL (%) |

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**Personal Interview Form I**

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SAS label: SHS ID  
Question: SHS I.D.  
Note: None

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Variable name: INT1F_1  
SAS label: GENDER  
Question: Q2: Gender  
Note: None

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Variable name: INT1F_14  
SAS label: MARITAL HISTORY  
Question: Q4: What is your marital status?  
Note: Most recent status

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SAS label: MARITAL HISTORY 2  
Question: Q4: What is your marital status?  
Note: None

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Variable name: INT1F143  
SAS label: MARITAL HISTORY 3  
Question: Q4: What is your marital status?  
Note: None

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### Variable name: HOSPA
**SAS label:** HOSPITAL A  
**Question:** Q8a: Hospital  
**Note:** None

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### Variable name: IHSNO1
**SAS label:** CHART NUMBER 1  
**Question:** Q8a: Chart number  
**Note:** None

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### Variable name: IHS1
**SAS label:** IHS HOSPITAL  
**Question:** Q8a: IHS Hospital  
**Note:** None

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Variable name: INT1F_6
SAS label: HOSPITAL CODE
Question: Q8a: Hospital Code
Note: None

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Variable name: INT1F_10
SAS label: SEND REPORT
Question: Q8a: Send Report
Note: None

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Variable name: HOSPB
SAS label: HOSPITAL B
Question: Q8b: Hospital
Note: None

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### Personal Interview Form I

**Variable name:** IHSNO2  
**SAS label:** CHART NUMBER 2  
**Question:** Q8b: Chart Number  
**Note:** None

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**Variable name:** IHS2  
**SAS label:** IHS HOSPITAL  
**Question:** Q8b: IHS Hospital  
**Note:** None

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**Variable name:** INT1F_7  
**SAS label:** HOSPITAL CODE  
**Question:** Q8b: Hospital code  
**Note:** None

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**Variable name:** INT1F_11  
**SAS label:** SEND REPORT  
**Question:** Q8b: Send Report  
**Note:** None

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**Variable name:** HOSPC  
**SAS label:** HOSPITAL C  
**Question:** Q8c: Hospital  
**Note:** None

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**Variable name:** IHSNO3  
**SAS label:** CHART NUMBER 3  
**Question:** Q8c: Chart number  
**Note:** None

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### Variable name: IHS3
**SAS label:** IHS HOSPITAL
**Question:** Q8c: IHS Hospital
**Note:** None

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### Variable name: INT1F_8
**SAS label:** HOSPITAL CODE
**Question:** Q8c: Hospital Code
**Note:** None

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### Variable name: INT1F_12
**SAS label:** SEND REPORT
**Question:** Q8c: Send Report
**Note:** None

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**Variable name:** HOSP

**SAS label:** HOSPITAL D

**Question:** Q8d: Hospital

**Note:** None

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**Variable name:** IHSNO4

**SAS label:** CHART NUMBER 4

**Question:** Q8d: Chart Number

**Note:** None

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**Variable name:** IHS4

**SAS label:** IHS HOSPITAL

**Question:** Q8d: IHS Hospital

**Note:** None

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### Variable name: INT1F_9
SAS label: HOSPITAL CODE
Question: Q8d: Hospital Code
Note: None

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### Variable name: INT1F_13
SAS label: SEND REPORT
Question: Q8d: Send Report
Note: None

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### Variable name: INT1F_33
SAS label: YEARS OF EDUCATION
Question: Q13: How many years of education have you completed?
Note: None

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

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Personal Interview Form II

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

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Variable name: FAMID
SAS label: FAMILY ID NUMBER
Question: SHS Family I.D.
Note: None

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WEIGHT SATISFACTION

Variable name: INT2F_1
SAS label: SATISFIED YOUR PRESENT WEIGHT
Question: Q1: Are you satisfied with your present weight?
Note: None

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### Personal Interview Form II

#### Variable name: INT2F_2
#### SAS label: LOSE OR GAIN WEIGHT
#### Question: Q2: Do you want to lose or gain weight?
#### Note: None

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<td>Gain</td>
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#### Variable name: INT2F_3
#### SAS label: WEIGHT LOSS: EATING
#### Question: Q3a: How do you plan to do this? Eating
#### Note: None

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#### Variable name: INT2F_4
#### SAS label: WEIGHT LOSS: PHYSICAL ACTIVITY
#### Question: Q3b: How do you plan to do this? Physical activity
#### Note: None

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### Variable name: INT2F_5
**SAS label:** WEIGHT LOSS: MEDICATION  
**Question:** Q3c: How do you plan to do this? Medication  
**Note:** None

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### Variable name: INT2F_6
**SAS label:** WEIGHT LOSS: OTHER  
**Question:** Q3d: How do you plan to do this? Other  
**Note:** None

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### Variable name: INT2F_7
**SAS label:** WEIGHT LOSS: OTHER SPECIFY  
**Question:** Q3d: How do you plan to do this? Other, specify  
**Note:** None

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**DENTURE AND EATING PROBLEMS**

Variable name: INT2F_8  
SAS label: NATURAL TEETH  
Question: Q4: How many natural teeth do you have?  
Note: None

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Variable name: INT2F_9  
SAS label: DESCRIBE HOW YOU CHEW  
Question: Q5: Describe how you chew your food  
Note: Please choose only one

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<td>1</td>
<td>I use natural teeth to chew</td>
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<tr>
<td>2</td>
<td>I use natural teeth with caps/crowns to chew</td>
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<td>3</td>
<td>I have natural teeth and a denture or partial. I use them both together to chew</td>
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<tr>
<td>4</td>
<td>I use dentures to chew</td>
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<tr>
<td>5</td>
<td>I chew with my gums</td>
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Variable name: INT2F_10
SAS label: ABILITY TO CHEW
Question: Q6: Rate your ability to chew food
Note: Please choose only one

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FAMILY INCOME

Variable name: INT2F_11
SAS label: HOUSEHOLD INCOME
Question: Q7: Does your household income meet your family’s needs?
Note: None

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Variable name: INT2F_12  
SAS label: MAIN DAILY ACTIVITY  
Question: Q8: What is your MAIN daily activity(s)?  
Note: None

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<td>3</td>
<td>Going to school</td>
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<tr>
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Variable name: INT2F_13  
SAS label: MAIN DAILY ACTIVITY (2nd)  
Question: Q8: What is your MAIN daily activity(s)?  
Note: None

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Variable name: INT2F_14
SAS label: MAIN DAILY ACTIVITY (3rd)
Question: Q8: What is your MAIN daily activity(s)?
Note: None

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Variable name: INT2F_15
SAS label: MAIN DAILY ACTIVITY OTHER SPECIFY
Question: Q8: What is your MAIN daily activity(s)? Other specify
Note: None

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Variable name: INT2F_16
SAS label: RECEIVE INCOME: WAGES/SALARY
Question: Q9i: Do you receive any income from wages/salary?
Note: None

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### Variable name: INT2F_60
### SAS label: RECEIVE INCOME: PROFITS/BUSINESS
### Question: Q9ii: Do you receive any income from profits - business?
### Note: None

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### Variable name: INT2F_61
### SAS label: RECEIVE INCOME: GAMING/LOTTERY
### Question: Q9iii: Do you receive any income from gaming/lottery winnings?
### Note: None

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### Variable name: INT2F_62
### SAS label: RECEIVE INCOME: UNEMPLOYMENT BENEFITS
### Question: Q9iv: Do you receive any income from unemployment benefits / worker's comp / welfare?
### Note: None

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**Variable name:** INT2F_63  
**SAS label:** RECEIVE INCOME: RETIREMENT BENEFITS  
**Question:** Q9v: Do you receive any income from retirement benefits?  
**Note:** None

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**Variable name:** INT2F_64  
**SAS label:** RECEIVE INCOME: SOCIAL SECURITY  
**Question:** Q9vi: Do you receive any income from social security benefits?  
**Note:** None

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**Variable name:** INT2F_70  
**SAS label:** RECEIVE INCOME: LEASE PAYMENT  
**Question:** Q9vii: Do you receive any income from lease payment?  
**Note:** None

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### Variable name: INT2F_56
**SAS label:** RECEIVE INCOME: OTHER  
**Question:** Q9viii: Do you receive any income from other?  
**Note:** None

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### Variable name: INT2F_65
**SAS label:** RECEIVE INCOME: SPECIFY OTHER  
**Question:** Q9viii: Do you receive any income from other? Specify  
**Note:** None

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### Variable name: INT2F_67
**SAS label:** MOST INCOME FROM Q9  
**Question:** Q10: Of the choices in Question 9, which source provides the most income?  
**Note:** Choose one

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<td>Unemployment benefits/workmen's comp/welfare</td>
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Variable name: INT2F_17  
SAS label: WORK HOURS PER WEEK  
Question: Q11: 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

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Variable name: INT2F_18  
SAS label: ANNUAL HOUSEHOLD INCOME  
Question: Q12: Which of the following categories best describes your annual household income from all sources?  
Note: None

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<td>3</td>
<td>10,000 to 15,000</td>
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<td>6</td>
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**TOBACCO**

Variable name: INT2F_19  
SAS label: SMOKE >100 CIGARETTES  
Question: Q13: During your lifetime have you smoked 100 cigarettes or more total?  
Note: None

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Variable name: INT2F_48  
SAS label: HOW OLD FIRST STARTED  
Question: Q14: How old were you when you first started smoking fairly regularly?  
Note: Indicate age at which you started smoking. 0 = Never smoked regularly; 999 = Unknown

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Variable name: INT2F_86  
SAS label: DO YOU SMOKE CIGARETTES NOW  
Question: Q15: Do you smoke cigarettes now?  
Note: None

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Variable name: INT2F_20
SAS label: # OF CIGARETTES PER DAY
Question: Q16: On the average, how many cigarettes do/did you usually smoke per day?
Note: 0 = Less than one cigarette per day

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Variable name: INT2F_21
SAS label: # OF CIGARETTES PER MONTH
Question: Q16a: If less than one cigarette per day, number of cigarettes per month?
Note: None

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Variable name: INT2F_22
SAS label: OCCASION TO SMOKE: STRESS
Question: Q17a: On which occasions are/were you most likely to smoke, or increase your smoking? Stressful times
Note: None

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### Variable name: INT2F_23
**SAS label:** OCCASION TO SMOKE: CASINOS  
**Question:** Q17b: On which occasions are/were you most likely to smoke, or increase your smoking? Casinos  
**Note:** None

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### Variable name: INT2F_24
**SAS label:** OCCASION TO SMOKE: WAKES/ FUNERALS  
**Question:** Q17c: On which occasions are/were you most likely to smoke, or increase your smoking? Wakes/funerals  
**Note:** None

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### Variable name: INT2F_25
**SAS label:** OCCASION TO SMOKE: WHEN DRINKING ALCOHOL  
**Question:** Q17d: On which occasions are/were you most likely to smoke, or increase your smoking? When drinking alcohol  
**Note:** None

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Variable name: INT2F_26  
SAS label: OCCASION TO SMOKE: SOCIAL MEETINGS  
Question: Q17e: On which occasions are/were you most likely to smoke, or increase your smoking? Social meetings  
Note: None

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Variable name: INT2F_27  
SAS label: OCCASION TO SMOKE: WHEN YOU HAVE EXTRA MONEY  
Question: Q17f: On which occasions are/were you most likely to smoke, or increase your smoking? When you have extra money  
Note: None

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Variable name: INT2F_28  
SAS label: OCCASION TO SMOKE: BINGO  
Question: Q17g: On which occasions are/were you most likely to smoke, or increase your smoking? Bingo  
Note: None

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Variable name: INT2F_47
SAS label: OCCASION TO SMOKE: OTHER
Question: Q17h: On which occasions are/were you most likely to smoke, or increase your smoking? Other
Note: None

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Variable name: INT2F_29
SAS label: OCCASION TO SMOKE: OTHER SPECIFY
Question: Q17h: On which occasions are/were you most likely to smoke, or increase your smoking? Other, specify
Note: None

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Variable name: INT2F_30
SAS label: HOW MANY CIGARETTES DO YOU SMOKE
Question: Q18: On the occasions that your smoking increased, how many cigarettes do/did you smoke per day?
Note: None

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Variable name: INT2F_31
SAS label: CHANGE YOUR SMOKING HABIT
Question: Q19: If you currently smoke, would you like to change your smoking habit?
Note: None

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Variable name: INT2F_32
SAS label: IF YES, PREFER TO: REDUCE # OF CIGARETTE
Question: Q19ai: If yes, would you prefer to reduce number of cigarettes per day?
Note: None

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Variable name: INT2F_78
SAS label: IF YES, PREFER TO: SWITCH TO LOWER TAR
Question: Q19aii: If yes, would you prefer to switch to lower “tar” or “nicotine” cigarettes?
Note: None

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### Variable name: INT2F_79
**SAS label:** IF YES, PREFER TO: USE NICOTINE PATCH/CHEWING GUM
**Question:** Q19aiii: If yes, would you prefer to use nicotine patch/chewing gum?
**Note:** None

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### Variable name: INT2F_80
**SAS label:** IF YES, PREFER TO: QUIT
**Question:** Q19aiv: If yes, would you prefer to quit?
**Note:** None

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### Variable name: INT2F_81
**SAS label:** IF YES, PREFER TO: OTHER
**Question:** Q19av: If yes, would you prefer to other?
**Note:** None

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</table>
Variable name: INT2F_82
SAS label: IF YES, PREFER TO: OTHER SPECIFY
Question: Q19av: If yes, would you prefer to other? Specify
Note: None

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Variable name: INT2F_83
SAS label: QUIT SMOKING
Question: Q20: Did you quit smoking?
Note: None

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Variable name: INT2F_84
SAS label: IF QUIT: LAST SMOKE (YEAR)
Question: Q20a: If you quit, when did you last smoke?
Note: Just the year

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</table>
Variable name: INT2F_36
SAS label: REASON FOR QUITTING: DOCTORS ADVICE
Question: Q20bi: What reason(s) did you have for quitting? Doctor's advice
Note: Check all that apply

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Variable name: INT2F_37
SAS label: REASON FOR QUITTING: HEALTH CONCERNS
Question: Q20bii: What reason(s) did you have for quitting? Health concerns
Note: Check all that apply

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Variable name: INT2F_38
SAS label: REASON FOR QUITTING: EXPENSES
Question: Q20biii: What reason(s) did you have for quitting? Expenses
Note: Check all that apply

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</table>
Variable name: INT2F_39
SAS label: REASON FOR QUITTING: PER FAMILY PRESSURE
Question: Q20biv: What reason(s) did you have for quitting? Per family pressure
Note: Check all that apply

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Variable name: INT2F_75
SAS label: REASON FOR QUITTING: OTHER
Question: Q20bv: What reason(s) did you have for quitting? Other
Note: Check all that apply

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Variable name: INT2F_76
SAS label: REASON FOR QUITTING: OTHER SPECIFY
Question: Q20bv: What reason(s) did you have for quitting? Other, specify
Note: Check all that apply

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</table>
### PASSIVE SMOKING

**Variable name:** INT2F_77  
**SAS label:** FATHER EVER SMOKED CIGARETTES  
**Question:** Q21: When you were growing up, did your father or male guardian ever smoke cigarettes regularly?  
**Note:** None

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<tr>
<td>3</td>
<td>No father/male guardian</td>
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**Variable name:** INT2F_85  
**SAS label:** MOTHER EVER SMOKED CIGARETTES  
**Question:** Q22: When you were growing up, did your mother or female guardian ever smoke cigarettes regularly?  
**Note:** None

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<td>2</td>
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<td>No mother/female guardian</td>
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</table>
Variable name: INT2F_68  
SAS label: HOURS EXPOSED TO THE SMOKE OF OTHERS/ DAY  
Question: Q23: Whether or not you smoke, on the average, how many hours a day are you exposed to the smoke of others?  
Note: If none, fill in 0. Enter 1 for 30 minutes or more, enter 0 if less than 30 minutes.

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ALCOHOL

Variable name: INT2F_40  
SAS label: EVER CONSUMED ALCOHOLIC BEVERAGES  
Question: Q24: Have you ever consumed alcoholic beverages?  
Note: None

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Variable name: INT2F_41  
SAS label: WHEN WAS YOUR LAST DRINK  
Question: Q24a: If yes, when was your last drink?  
Note: Choose only one

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<td>2</td>
<td>Within the last month</td>
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<tr>
<td>3</td>
<td>Within in the last year</td>
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</tr>
<tr>
<td>4</td>
<td>More than a year ago</td>
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</table>
### Personal Interview Form II

**Variable name:** INT2F_42  
**SAS label:** # OF MONTHS AGO  
**Question:** Q24a: If yes, when was your last drink? Number of months ago?  
**Note:** None

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**Variable name:** BEER_GLS  
**SAS label:** GLASS OF BEER (4 OZ)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week? Glass of beer (4 oz)  
**Note:** None

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<th>Code or Value</th>
<th>Value Description</th>
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<tbody>
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**Variable name:** BEER_TUM  
**SAS label:** TUMBLER OF BEER (8 OZ)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week? Tumbler of beer (8 oz)  
**Note:** None

<table>
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<th>Code or Value</th>
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**Variable name:** BEER_CB  
**SAS label:** CAN/BOTTLE OF BEER (12 OZ)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week? Can/bottle of beer (12 oz)  
**Note:** None

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<th>Code or Value</th>
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</table>
### Variable name: BEER_CAN

**SAS label:** CAN OF BEER (16 OZ)

**Question:** Q25: How many alcoholic drinks do you have in a typical week? Can of beer (16 oz)

**Note:** None

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<th>Code or Value</th>
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### Variable name: BEER_BOT

**SAS label:** BOTTLE OF BEER (32-34 OZ)

**Question:** Q25: How many alcoholic drinks do you have in a typical week? Bottle of beer (32-34 oz)

**Note:** None

<table>
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<th>Value Description</th>
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</table>

### Variable name: BEER_40Z

**SAS label:** 25: BOTTLE OF BEER - 40oz

**Question:** Q25: How many alcoholic drinks do you have in a typical week? Bottle of beer (40 oz)

**Note:** None

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### Variable name: BEER_SUM

**SAS label:** SUM OF THE OZ OF BEER

**Question:** Q25: How many alcoholic drinks do you have in a typical week? Sum of the ounces of beer

**Note:** None

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<th>Code or Value</th>
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Variable name: WINE_GLS
SAS label: GLASS OF WINE (4 OZ)
Question: Q25: How many alcoholic drinks do you have in a typical week?
Glass of wine (4 oz)
Note: None

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Variable name: WINE_TUM
SAS label: TUMBLER OF WINE (8 OZ)
Question: Q25: How many alcoholic drinks do you have in a typical week?
Tumbler of wine (8 oz)
Note: None

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Variable name: WINE_CB
SAS label: CAN/BOTTLE OF WINE (12 OZ)
Question: Q25: How many alcoholic drinks do you have in a typical week?
Can/bottle of wine (12 oz)
Note: None

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Variable name: WINE_CAN
SAS label: CAN OF WINE (16 OZ)
Question: Q25: How many alcoholic drinks do you have in a typical week?
Can of wine (16 oz)
Note: None

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</table>
Variable name: WINE_FIF  
SAS label: FIFTH OF WINE (26 OZ)  
Question: Q25: How many alcoholic drinks do you have in a typical week?  
Fifth of wine (26 oz)  
Note: None

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Variable name: WINE_BOT  
SAS label: BOTTLE OF WINE (32-34 OZ)  
Question: Q25: How many alcoholic drinks do you have in a typical week?  
Bottle of wine (32-34 oz)  
Note: None

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Variable name: WINE_JG1  
SAS label: JUG OF WINE 64 (.5 GAL)  
Question: Q25: How many alcoholic drinks do you have in a typical week?  
Jug of wine (0.5 gallons)  
Note: None

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</table>
**Variable name:** WINE_JG2  
**SAS label:** JUG OF WINE 128 (1 GAL)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week?  
Jug of wine (1 gallon)  
**Note:** None

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**Variable name:** WINE_SUM  
**SAS label:** SUM OF THE OZ OF WINE  
**Question:** Q25: How many alcoholic drinks do you have in a typical week?  
Sum of the ounces of wine  
**Note:** None

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**Variable name:** LIQ_SHOT  
**SAS label:** SHOT OF LIQUOR (1 OZ)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week?  
Shot of liquor (1 oz)  
**Note:** None

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**Variable name:** LIQ_JIGG  
**SAS label:** JIGGER OF LIQUOR (1.5 OZ)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week?  
Jigger of liquor (1.5 oz)  
**Note:** None

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</table>
**Variable name:** LIQ_GLS  
**SAS label:** GLASS OF LIQUOR (4 OZ)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week?  
Glass of liquor (4 oz)  
**Note:** None

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**Variable name:** LIQ_TUM  
**SAS label:** TUMBLER OF LIQUOR (8 OZ)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week?  
Tumbler of liquor (8 oz)  
**Note:** None

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**Variable name:** LIQ_CB  
**SAS label:** CAN/BOTTLE OF LIQUOR (12 OZ)  
**Question:** Q25: How many alcoholic drinks do you have in a typical week?  
Can/bottle of liquor (12 oz)  
**Note:** None

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</table>
Variable name: LIQ_CAN
SAS label: CAN OF LIQUOR (16 OZ)
Question: Q25: How many alcoholic drinks do you have in a typical week?
          Can of liquor (16 oz)
Note: None

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Variable name: LIQ_FIF
SAS label: FIFTH OF LIQUOR (26 OZ)
Question: Q25: How many alcoholic drinks do you have in a typical week?
          Fifth of liquor (26 oz)
Note: None

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Variable name: LIQ_BOT
SAS label: BOTTLE OF LIQUOR (32-34 OZ)
Question: Q25: How many alcoholic drinks do you have in a typical week?
          Bottle of liquor (32-34 oz)
Note: None

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Variable name: LIQ_JG1
SAS label: JUG OF LIQUOR 64 (.5 GAL)
Question: Q25: How many alcoholic drinks do you have in a typical week?
          Jug of liquor (0.5 gallon)
Note: None

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<td>Range of values</td>
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</table>
Variable name: LIQ_JG2
SAS label: JUG OF LIQUOR 128 (1 GAL)
Question: Q25: How many alcoholic drinks do you have in a typical week?
Jug of liquor (1 gallon)
Note: None

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Variable name: LIQ_SUM
SAS label: SUM OF THE OZ OF LIQUOR
Question: Q25: How many alcoholic drinks do you have in a typical week?
Sum of the ounces of liquor
Note: None

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<th>Value Description</th>
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Variable name: INT2F_43
SAS label: TOTAL # OF DRINKS IN A TYPICAL WEEK
Question: Q25: How many alcoholic drinks do you have in a typical week?
Note: None

<table>
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<th>Value Description</th>
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</table>

Variable name: INT2F_44
SAS label: # DAYS PER MONTH HAVE AT LEAST ONE DRINK
Question: Q26: How many days in a typical month do you have at least one drink?
Note: Indicate the number of days per month

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</table>
Variable name: INT2F_45
SAS label: AVERAGE # OF DRINKS ON DAYS WHEN YOU DO DRINK
Question: Q27: 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

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Variable name: INT2F_46
SAS label: WHEN MORE THAN USUAL, HOW MANY DRINKS
Question: Q28: When you drink more than your usual amount, how many drinks do you have?
Note: None

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Variable name: INT2F_66
SAS label: HOW MANY TIMES IN A MONTH
Question: Q28a: How many times in a month?
Note: None

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</table>
Personal Interview Form II

Variable name: INT2F_50  
SAS label: PAST MONTH >=5 DRINKS  
Question: Q29: How many times in the PAST MONTH have you had more than 5 drinks during a single occasion?  
Note: 0 = None

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</table>

Variable name: INT2F_51  
SAS label: PAST YEAR >=5 DRINKS  
Question: Q30: How many times in the PAST YEAR have you had more than 5 drinks during a single occasion?  
Note: 0 = None

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<th>Value Description</th>
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<tbody>
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Variable name: INT2F_87  
SAS label: CONSUMED OTHER SUBSTANCE: MOUTH WASH  
Question: Q31a: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as mouth wash?  
Note: None

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<td>2</td>
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<td>.</td>
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</tbody>
</table>
Question: Q31b: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as cough syrup?

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</table>

Question: Q31c: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as lysol?

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Question: Q31d: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as hair spray?

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</table>
### Personal Interview Form II

**Variable name:** INT2F_91  
**SAS label:** CONSUMED OTHER SUBSTANCE: OTHER  
**Question:** Q31e: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as other?  
**Note:** None

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**Variable name:** INT2F91L  
**SAS label:** CONSUMED OTHER SUBSTANCE: SPECIFY OTHER  
**Question:** Q31e: Within the last year, have you ever consumed other substances to get the effects of alcohol, such as other specify?  
**Note:** None

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### ADMINISTRATIVE INFORMATION

**Variable name:** INT2F_49  
**SAS label:** HOW RELIABLE IS THE QUESTIONNAIRE  
**Question:** Q32: How reliable was the participant in completing the questionnaire?  
**Note:** None

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<td>Very reliable</td>
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<tr>
<td>2</td>
<td>Reliable</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Unreliable</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Very unreliable</td>
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<td>9</td>
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</table>
Personal Interview Form II

Variable name: INT_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q33: Did the participant complete the interview?
Note: None

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<tbody>
<tr>
<td>1</td>
<td>Yes, completed the interview</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>No, refused all questions</td>
<td></td>
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<tr>
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Variable name: INT_CODE
SAS label: INTERVIEWER’S CODE
Question: Q34: Interviewer
Note: None

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Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q35: Date of interview
Note: None

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</table>
Variable name: CENTER  
SAS label: SHS SITE  
Question: None  
Note: None

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</tr>
<tr>
<td>2</td>
<td>OK</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SD</td>
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</table>
Medical History Form

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

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Variable name: FAMID
SAS label: FAMILY ID
Question: SHS Family I.D.
Note: None

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**MEDICAL CONDITIONS**

Now I’d like to ask you some questions about medical problems. Has a medical person EVER told you that you had any of the following conditions?

Variable name: MEDF_1
SAS label: HIGH BLOOD PRESSURE (HBP)
Question: Q1: High blood pressure?
Note: None

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<td></td>
</tr>
<tr>
<td>2</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Only during pregnancy</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Unknown</td>
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</table>
Medical History Form

Variable name: MEDF_2
SAS label: HBP AGE OF DIAGNOSIS
Question: Q1: If “Yes”, how old were you when you were first told by a medical person that you had high blood pressure (for women, not during pregnancy)?
Note: Indicate the actual age

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Variable name: MEDF_3
SAS label: ARTHRITIS
Question: Q2: Arthritis?
Note: None

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<td>2</td>
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</tr>
<tr>
<td>9</td>
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Variable name: MEDF_4
SAS label: FRACTURE ASSOCIATED W/OSTERPOROSIS
Question: Q3: Any fractures associated with osteoporosis?
Note: None

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Medical History Form

**Variable name:** MEDF_4A  
**SAS label:** FRACTURE WHERE  
**Question:** Q3: If Yes, where?  
**Note:** None

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**Variable name:** MEDF_5  
**SAS label:** RHEUMATIC HEART DISEASE  
**Question:** Q4: Rheumatic heart disease?  
**Note:** None

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<td>2</td>
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</tr>
<tr>
<td>9</td>
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**Variable name:** MEDF_6  
**SAS label:** GALLSTONES  
**Question:** Q5: Gallstones?  
**Note:** None

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</tr>
<tr>
<td>2</td>
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</tr>
<tr>
<td>9</td>
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</table>
Variable name: MEDF_7  
SAS label: CANCER  
Question: Q6: Cancer, including leukemia and lymphoma?  
Note: None

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Variable name: MEDF_7A  
SAS label: CANCER TYPE  
Question: Q6: If yes, do you still have it now?  
Note: None

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Variable name: MEDF_8  
SAS label: DIABETES (DM)  
Question: Q7: Diabetes?  
Note: None

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<tr>
<td>2</td>
<td>Impaired glucose tolerance (IGT)</td>
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<td>3</td>
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<td>Skip to Q8 (MEDF_16)</td>
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</table>
Variable name: MEDF_9
SAS label: DO YOU STILL HAVE DM NOW
Question: Q7a: If yes, do you still have it now?
Note: None

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Variable name: MEDF_10
SAS label: DM AGE OF DIAGNOSIS
Question: Q7b: How old were you when you were first told by a medical person that you had diabetes?
Note: Indicate the actual age

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Variable name: MEDF_11
SAS label: DM TREATMENT: INSULIN
Question: Q7ci: What type of treatment are you taking for your diabetes?
Insulin
Note: Check appropriate answers

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</table>
Medical History Form

**Variable name:** MEDF_12  
**SAS label:** DM TREATMENT: ORAL HYPOGLYCEMIC  
**Question:** Q7cii: What type of treatment are you taking for your diabetes?  
Oral hypoglycemic agent  
**Note:** Check appropriate answers

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**Variable name:** MEDF_13  
**SAS label:** DM TREATMENT: BY DIETARY CONTROL  
**Question:** Q7ciii: What type of treatment are you taking for your diabetes?  
By dietary control  
**Note:** Check appropriate answers

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**Variable name:** MEDF_14  
**SAS label:** DM TREATMENT: BY EXERCISE  
**Question:** Q7civ: What type of treatment are you taking for your diabetes?  
By exercise  
**Note:** Check appropriate answers

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</table>
Medical History Form

Variable name: MEDF_15
SAS label: DM TREATMENT: DO NOTHING
Question: Q7cv: What type of treatment are you taking for your diabetes?
Do nothing
Note: Check appropriate answers

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Variable name: MEDF_15B
SAS label: DM TREATMENT: OTHER
Question: Q7cvi: What type of treatment are you taking for your diabetes?
Other
Note: Check appropriate answers

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Variable name: MEDF15BL
SAS label: DM TREATMENT: OTHER, SPECIFY
Question: Q7cvi: What type of treatment are you taking for your diabetes?
Other, specify
Note: Check appropriate answers

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**Medical History Form**

**Variable name:** MEDF_16  
**SAS label:** KIDNEY FAILURE  
**Question:** Q8: Has a medical person ever told you that you had kidney failure?  
**Note:** None

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**Variable name:** MEDF_17  
**SAS label:** KIDNEY FAILURE ONE OR BOTH KIDNEYS WORKING WELL  
**Question:** Q8a: If yes, are one or both working well now?  
**Note:** None

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**Variable name:** MEDF_18  
**SAS label:** KIDNEY FAILURE AGE OF DIAGNOSIS  
**Question:** Q8b: How old were you when you were first told by a medical person that you had kidney failure?  
**Note:** Indicate the actual age

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### Variable name: MEDF_19
### SAS label: RENAL DIALYSIS
### Question: Q9: Are you currently on renal dialysis?
### Note: None

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### Variable name: MEDF_20
### SAS label: KIDNEY TRANSPLANT
### Question: Q10: Have you ever had kidney transplant?
### Note: None

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### Variable name: MEDF_21
### SAS label: KIDNEY TRANSPLANT NEW KIDNEY WORKING WELL
### Question: Q10a: If Yes, is the new kidney working well?
### Note: None

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Medical History Form

Variable name: MEDF_22
SAS label: KIDNEY TRANSPLANT WAITING FOR KIDNEY TRANSPLANT
Question: Q10b: If No, are you waiting for a kidney
Note: None

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Variable name: MEDF_23
SAS label: CIRRHOSIS OF LIVER
Question: Q11: Cirrhosis of the liver?
Note: None

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LUNG PROBLEMS

Variable name: MEDF_24
SAS label: EMPHYSEMA
Question: Q12a: Emphysema?
Note: None

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**Medical History Form**

**Variable name:** MEDF_25  
**SAS label:** HAY FEVER  
**Question:** Q12b: Hay fever?  
**Note:** None

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**Variable name:** MEDF_26  
**SAS label:** CHRONIC BRONCHITIS  
**Question:** Q12c: Chronic bronchitis?  
**Note:** None

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**Variable name:** MEDF_27  
**SAS label:** ASTHMA  
**Question:** Q12d: Asthma?  
**Note:** None

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### Variable name: MEDF_28

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

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### HEART PROBLEMS

**Variable name:** MEDF_29  
**SAS label:** HEART CATHETERIZATION  
**Question:** Q13: Have you had a heart catheterization? A heart catheterization is a study in which a tube is inserted into the heart through the groin or arm to see how the heart works.  
**Note:** None

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**Variable name:** MEDF_29D  
**SAS label:** HEART CATH DATE  
**Question:** Q13a: If Yes, when and where?  
**Note:** Record the most recent test

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### Variable name: MEDF_29P
**SAS label:** HEART CATH PLACE  
**Question:** Q13a: Hospital/clinic  
**Note:** None

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### Variable name: MEDF_30
**SAS label:** EXERCISE TEST/TREADMILL  
**Question:** Q14: Have you ever had a diagnostic exercise test or Treadmill test to check your heart?  
**Note:** None

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### Variable name: MEDF_30D
**SAS label:** EXERCISE TEST DATE  
**Question:** Q14a: If yes, when and where?  
**Note:** None

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Medical History Form

Variable name: MEDF_30P
SAS label: EXERCISE TEST HOSPITAL/CLINIC
Question: Q14a: Hospital/clinic
Note: None

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

Variable name: MEDF_31
SAS label: CONGESTIVE HEART FAILURE
Question: Q15: Heart failure?
Note: None

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Variable name: MEDF_31D
SAS label: CONGESTIVE HEART FAILURE DATE
Question: Q15a: If Yes, when and where?
Note: None

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Medical History Form

Variable name: MEDF_31P
SAS label: CONGESTIVE HEART FAILURE HOSPITAL/CLINIC
Question: Q15a: Hospital/clinic
Note: None

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Variable name: MEDF_32
SAS label: STILL HAVE HEART FAILURE NOW
Question: Q15b: If Yes, do you still have heart failure now?
Note: None

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Variable name: MEDF_33
SAS label: HEART ATTACK
Question: Q16a: Heart attack?
Note: None

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Medical History Form

Variable name: MEDF_33D
SAS label: HEART ATTACK DATE
Question: Q16a: If Yes, where and when?
Note: None

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Variable name: MEDF_33P
SAS label: HEART ATTACK HOSPITAL/CLINIC
Question: Q16a: Hospital/clinic?
Note: None

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Variable name: MEDF_34
SAS label: ANY OTHER HEART TROUBLE
Question: Q17: Any other heart trouble?
Note: None

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Medical History Form

Variable name: MEDF_34A
SAS label: SPECIFY OTHER HEART TROUBLE
Question: Q17: If Yes, please specify type
Note: None

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Variable name: MEDF_34D
SAS label: OTHER HEART TROUBLE DATE
Question: Q17a: If Yes, when and where?
Note: None

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Variable name: MEDF_34P
SAS label: OTHER HEART TROUBLE HOSPITAL/CLINIC
Question: Q17a: Hospital/clinic
Note: None

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### Medical History Form

**Variable name:** MEDF_35  
**SAS label:** STROKE  
**Question:** Q18: Stroke  
**Note:** None

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**Variable name:** MEDF_35D  
**SAS label:** STROKE DATE  
**Question:** Q18a: If yes, when and where?  
**Note:** None

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**Variable name:** MEDF_35P  
**SAS label:** STROKE HOSPITAL/CLINIC  
**Question:** Q18a: Hospital/Clinic  
**Note:** None

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Variable name: MEDF_36  
SAS label: HAVE YOU HAD CHEST SURGERY  
Question: Q19: Have you ever had surgery on your chest?  
Note: None

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Variable name: MEDF_37  
SAS label: WAS IT HEART SURGERY  
Question: Q19a: Was it heart surgery?  
Note: None

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Variable name: MEDF_38  
SAS label: BYPASS  
Question: Q19ai: Bypass?  
Note: None

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Variable name: MEDF_38D  
SAS label: BYPASS DATE  
Question: Q19ai: If yes, when and where  
Note: None

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Variable name: MEDF_38P  
SAS label: BYPASS HOSPITAL/CLINIC  
Question: Q19ai: Hospital/clinic  
Note: None

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Variable name: MEDF_39  
SAS label: VALVULAR REPAIR/REPLACEMENT  
Question: Q19aii: Valvular repair/replacement?  
Note: None

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Variable name: MEDF_39D  
SAS label: VALVULAR REPAIR/REPLACE DATE  
Question: Q19aii: If Yes, when and where?  
Note: None

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### Variable name: MEDF_39P
SAS label: VALVULAR REPAIR/REPLACE HOSPITAL/CLINIC
Question: Q19aii: Hospital/clinic
Note: None

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### Variable name: MEDF_40
SAS label: PACEMAKER
Question: Q19aiii: Pacemaker?
Note: None

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### Variable name: MEDF_40D
SAS label: PACEMAKER DATE
Question: Q19aiii: If Yes, when and where?
Note: None

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### Variable name: MEDF_40P
SAS label: PACEMAKER HOSPITAL/CLINIC
Question: Q19aiii: Hospital/clinic
Note: None

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**Medical History Form**

**Variable name:** MEDF_41  
**SAS label:** OTHER HEART SURGERY  
**Question:** Q19aiv: Other?  
**Note:** None

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**Variable name:** MEDF_41A  
**SAS label:** SPECIFY OTHER HEART SURGERY  
**Question:** Q19aiv: Please specify?  
**Note:** None

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**Variable name:** MEDF_41D  
**SAS label:** OTHER HEART SURGERY DATE  
**Question:** Q19aiv: If Yes, when and where?  
**Note:** None

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**Variable name:** MEDF_41P  
**SAS label:** OTHER HEART SURGERY HOSPITAL/CLINIC  
**Question:** Q19aiv: Hospital/clinic  
**Note:** None

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ACCESS TO MEDICAL CARE

Variable name: MEDF_42A
SAS label: IHS: RECEIVED CARE IN PAST 5 YEARS
Question: Q20a: In the past 5 years, have you received any medical care at an IHS facility?
Note: None

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Variable name: MEDF_42B
SAS label: IHS: MAIN SOURCE OF CARE
Question: Q20a: What is your usual source of medical care? IHS facility
Note: Check only one

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Variable name: MEDF_42C
SAS label: TRIBAL: RECEIVED CARE IN PAST 5 YEARS
Question: Q20b: In the past 5 years, have you received any medical care at a Tribal facility?
Note: None

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**Medical History Form**

**Variable name:** MEDF_42D  
**SAS label:** TRIBAL: MAIN SOURCE OF CARE  
**Question:** Q20b: What is your usual source of medical care? Tribal facility  
**Note:** Check only one

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**Variable name:** MEDF_43A  
**SAS label:** PRIVATE FACILITY: RECEIVED CARE IN PAST 5 YEARS  
**Question:** Q20c: In the past 5 years, have you received any medical care at a private facility?  
**Note:** None

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**Variable name:** MEDF_43B  
**SAS label:** PRIVATE FACILITY: MAIN SOURCE OF CARE  
**Question:** Q20c: What is your usual source of medical care? Private facility  
**Note:** Check only one

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### Variable name: MEDF_44A
**SAS label:** PRIVATE PRACTICE: RECEIVED CARE IN PAST 5 YEARS
**Question:** Q20d: In the past 5 years, have you received any medical care at a private practitioner?

**Note:** None

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### Variable name: MEDF_44B
**SAS label:** PRIVATE PRACTICE: MAIN SOURCE OF CARE
**Question:** Q20d: What is your usual source of medical care? Private practitioner

**Note:** Check only one

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### Variable name: MEDF_44C
**SAS label:** TRADITIONAL HEALER: RECEIVED CARE IN PAST 5 YEARS
**Question:** Q20e: In the past 5 years, have you received any medical care at a traditional healer?

**Note:** None

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Medical History Form

Variable name: MEDF_44D
SAS label: TRADITIONAL HEALER: MAIN SOURCE OF CARE
Question: Q20e: What is your usual source of medical care? Traditional healer
Note: Check only one

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Variable name: MEDF_45A
SAS label: VA: RECEIVED CARE IN PAST 5 YEARS
Question: Q20f: In the past 5 years, have you received any medical care at a VA/military facility?
Note: None

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Variable name: MEDF_45B
SAS label: VA: MAIN SOURCE OF CARE
Question: Q20f: What is your usual source of medical care? VA/military facility
Note: Check only one

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Variable name: MEDF_46A
SAS label: HMO: RECEIVED CARE IN PAST 5 YEARS
Question: Q20g: In the past 5 years, have you received any medical care at a health maint. Org (HMO)?
Note: None

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Variable name: MEDF_46B
SAS label: HMO: MAIN SOURCE OF CARE
Question: Q20g: What is your usual source of medical care? Health maint. Org (HMO)
Note: Check only one

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Variable name: MEDF_47A
SAS label: OTHER: RECEIVED CARE IN PAST 5 YEARS
Question: Q20h: In the past 5 years, have you received any medical care at a Other, list
Note: None

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### Variable name: MEDF_47L

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

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### Variable name: MEDF_47B

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

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### Variable name: MEDF_48A

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

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Variable name: MEDF_48B
SAS label: NOWHERE: MAIN SOURCE OF CARE
Question: Q20i: What is your usual source of medical care? Nowhere
Note: Check only one

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Variable name: MEDF_48C
SAS label: WHERE RECEIVE MOST OF OUTPATIENT CARE
Question: Q21: Do you receive most of your outpatient care in?
Note: None

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Variable name: MEDF_49A
SAS label: ADDITIONAL COVERAGE: NONE
Question: Q22: In addition to IHS coverage, what health insurance do you have? None
Note: Check all that apply

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**Variable name:** MEDF_49B  
**SAS label:** ADDITIONAL COVERAGE: PRIVATE INSURANCE  
**Question:** Q22: In addition to IHS coverage, what health insurance do you have? Private insurance  
**Note:** Check all that apply

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**Variable name:** MEDF_49C  
**SAS label:** ADDITIONAL COVERAGE: MEDICAID  
**Question:** Q22: In addition to IHS coverage, what health insurance do you have? Medicaid  
**Note:** Check all that apply

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**Variable name:** MEDF_49D  
**SAS label:** ADDITIONAL COVERAGE: MEDICARE  
**Question:** Q22: In addition to IHS coverage, what health insurance do you have? Medicare  
**Note:** Check all that apply

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Variable name: MEDF_49E  
SAS label: ADDITIONAL COVERAGE: VA  
Question: Q22: In addition to IHS coverage, what health insurance do you have? Veteran/military hospital  
Note: Check all that apply

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Variable name: MEDF_49G  
SAS label: ADDITIONAL COVERAGE: HMO  
Question: Q22: In addition to IHS coverage, what health insurance do you have? HMO  
Note: Check all that apply

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Variable name: MEDF_49F  
SAS label: ADDITIONAL COVERAGE: OTHER  
Question: Q22: In addition to IHS coverage, what health insurance do you have? Other, list  
Note: Check all that apply

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Variable name: MEDF_49L  
SAS label: ADDITIONAL COVERAGE: OTHER (LIST)  
Question: Q22: In addition to IHS coverage, what health insurance do you have? Other, specify  
Note: Check all that apply

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Variable name: MEDF_50  
SAS label: TRANSPORTATION TO HEALTH CARE  
Question: Q23: How do you get to your usual healthcare provider?  
Note: Check only one

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Variable name: MEDF_51  
SAS label: COST OF TRANSPORTATION  
Question: Q24: How much does it usually cost, out of pocket, for transportation to your usual healthcare provider?  
Note: None

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</table>
Variable name: MEDF_52  
SAS label: TRAVEL TIME TO HEALTH CARE  
Question: Q25: On the average, how long does it take you to get to your usual source of medical care?  
Note: None

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<tr>
<td>3</td>
<td>31 to 45 minutes</td>
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<tr>
<td>4</td>
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Variable name: MEDF_53  
SAS label: HOW ARE APPOINTMENTS MADE  
Question: Q26: Does your usual source of medical care see patients by appointment?  
Note: None

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Variable name: MEDF_57  
SAS label: HOW LONG WAIT TO BE SEEN  
Question: Q27: Once you get to your usual source of medical care, how long do you usually have to wait to see a healthcare provider? 
Note: None

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Variable name: MEDF_54  
SAS label: CAN YOU WALK IN  
Question: Q28: If you need to be seen before your appointment, can you walk in and be seen? 
Note: None

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Medical History Form

Variable name: MEDF_55
SAS label: IF YES, HOW LONG TO BE SEEN
Question: Q28a: As a walk-in, how long does it usually take you to be seen by a physician or a physician’s assistant?
Note: None

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Variable name: MEDF_56
SAS label: IF NO, HOW LONG TO GET ANOTHER APPOINTMENT
Question: Q28b: How long does it usually take you to get an extra appointment?
Note: None

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Variable name: MEDF_58  
SAS label: HOW MUCH DO YOU PAY FOR A VISIT  
Question: Q29: How much do you have to pay “out-of-pocket” to see your usual healthcare provider for an outpatient visit, excluding travel costs?  
Note: None

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**ADMINISTRATIVE INFORMATION**

Variable name: MED_STAT  
SAS label: QUESTIONNAIRE COMPLETED  
Question: Q30: Did the participant complete the interview?  
Note: None

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<tr>
<td>2</td>
<td>No, refused all questions</td>
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Variable name: GENDER  
SAS label: GENDER OF PARTICIPANT  
Question: Is the participant female?  
Note: None

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<tr>
<td>2</td>
<td>Male</td>
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### Variable name: INT_CODE
**SAS label:** INTERVIEWER'S CODE  
**Question:** Q31: Interviewer  
**Note:** None

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

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

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Reproduction and Hormone Use (Women Only)

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

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Variable name: FAMID
SAS label: SHS FAMILY ID NUMBER
Question: SHS Family I.D.
Note: None

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Variable name: REPF_1
SAS label: NUMBER OF PREGNANCY (GRAVIDITY)
Question: Q1: How many times have you been pregnant (gravidity)?
Note: 999 = Unknown

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Variable name: REPF_2
SAS label: NUMBER OF LIVE BIRTHS (PARITY)
Question: Q2: How many of your pregnancies resulted in a live birth (parity)?
Note: 999 = Unknown

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### Variable name: REPF_3
**SAS label:** NUMBER OF LIVING CHILDREN  
**Question:** Q3: How many living children do you have?  
**Note:** 999 = Unknown

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### Variable name: REPF_4
**SAS label:** NUMBER OF LOST PREGNANCIES  
**Question:** Q4: How many pregnancies did you lose?  
**Note:** 999 = Unknown

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### Variable name: REPF_5
**SAS label:** USED BIRTH CONTROL PILLS  
**Question:** Q5: Have you ever used birth control pills?  
**Note:** None

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### Variable name: REPF_6
**SAS label:** AGE STARTED TO USE BIRTH CONTROL PILLS  
**Question:** Q6: How old were you when you started to use birth control pills?  
**Note:** Indicate age in years

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Reproduction and Hormone Use (Women Only)

**Variable name:** REPF_7  
**SAS label:** YEARS USED BIRTH CONTROL PILLS  
**Question:** Q7: How many years altogether did you use them?  
**Note:** Specify the duration in years. 0 = less than 6 months, 1 = 6-12 months

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**Variable name:** REPF_8  
**SAS label:** STOPPED MENSTRUATING  
**Question:** Q8: Have your menstrual cycles stopped?  
**Note:** None

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**Variable name:** REPF_9  
**SAS label:** STOPPED MENSTRUATING ONE YEAR AGO  
**Question:** Q9: If Yes, have they stopped for 12 months or more?  
**Note:** None

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### Reproduction and Hormone Use (Women Only)

**Variable name:** REPF_10  
**SAS label:** MENOPAUSE NATURAL OR SURGICAL  
**Question:** Q10: Was your menopause natural or did you have surgery?  
**Note:** None

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**Variable name:** REPF_11  
**SAS label:** REMOVED UTERUS  
**Question:** Q10a: If SURGERY, was only your uterus removed?  
**Note:** None

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**Variable name:** REPF_12  
**SAS label:** AGE AT MENOPAUSE  
**Question:** Q11: How old were you when your periods stopped completely?  
**Note:** Indicate age in years; 999 = Unknown

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Reproduction and Hormone Use (Women Only)

Variable name: REPF_13
SAS label: USED ESTROGEN
Question: Q12: Except for birth controls pills, have you ever taken estrogen – either pills, as a patch or by shot – for any reason?
Note: None

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Variable name: REPF_14
SAS label: STILL TAKING ESTROGEN
Question: Q12a: If Yes, are you still taking estrogen?
Note: None

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Variable name: REPF_15
SAS label: STOP ESTROGEN: CAUSED BLEEDING
Question: Q12ai: If No, why did you stop taking estrogen? Caused Bleeding
Note: None

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Reproduction and Hormone Use (Women Only)

**Variable name:** REPF_16  
**SAS label:** STOP ESTROGEN: MADE BREASTS TENDER  
**Question:** Q12ai: If No, why did you stop taking estrogen? Made breasts tender  
**Note:** None

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**Variable name:** REPF_17  
**SAS label:** STOP ESTROGEN: MADE ME FEEL BLOATED  
**Question:** Q12ai: If No, why did you stop taking estrogen? Made you feel bloated  
**Note:** None

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**Variable name:** REPF_18  
**SAS label:** STOP ESTROGEN: MADE ME FUNNY  
**Question:** Q12ai: If No, why did you stop taking estrogen? Made you feel “funny’, didn’t like the way you felt  
**Note:** None

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Reproduction and Hormone Use (Women Only)

Variable name: REPF_19
SAS label: STOP ESTROGEN: DO NOT LIKE TAKING ANY MEDICATION
Question: Q12ai: If No, why did you stop taking estrogen? Do not like taking any medications
Note: None

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<th>Value description</th>
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Variable name: REPF_20
SAS label: STOP ESTROGEN: TOO EXPENSIVE
Question: Q12ai: If No, why did you stop taking estrogen? Too expensive
Note: None

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Variable name: REPF_21
SAS label: STOP ESTROGEN: DOCTOR'S ADVICE
Question: Q12ai: If No, why did you stop taking estrogen? Doctor's advice
Note: None

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Reproduction and Hormone Use (Women Only)

Variable name: REPF_22
SAS label: STOP ESTROGEN: LONG TERM SIDE EFFECTS
Question: Q12ai: If No, why did you stop taking estrogen? Concerned about long-term side effects
Note: None

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Variable name: REPF_23
SAS label: STOP ESTROGEN: OTHER
Question: Q12ai: If No, why did you stop taking estrogen? Other
Note: None

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Variable name: REPF_23A
SAS label: STOP ESTROGEN: SPECIFY OTHER
Question: Q12ai: If No, why did you stop taking estrogen? Specify other
Note: None

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Reproduction and Hormone Use (Women Only)

Variable name: **REPF_24**  
SAS label: **ESTROGEN USE: POST SURGERY**  
**Question:** Q12bi: Do/Did you use estrogen for post surgery (hysterectomy or removal of ovaries)?  
**Note:** None

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Variable name: **REPF_25**  
SAS label: **ESTROGEN USE: RELIEF OF MENOPAUSE**  
**Question:** Q12bii: Do/Did you use estrogen for relief of menopause symptoms?  
**Note:** None

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Variable name: **REPF_26**  
SAS label: **ESTROGEN USE: PREVENT BONE LOSS**  
**Question:** Q12biii: Do/Did you use estrogen for prevent bone loss?  
**Note:** None

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Reproduction and Hormone Use (Women Only)

Variable name: REPF_27  
SAS label: ESTROGEN USE: PROTECT HEART DISEASE  
Question: Q12biv: Do/Did you use estrogen for protect against heart disease?  
Note: None

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<tr>
<td>9</td>
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Variable name: REPF_28  
SAS label: ESTROGEN USE: DOCTOR'S ADVICE  
Question: Q12bv: Do/Did you use estrogen for doctor’s advice?  
Note: None

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<tr>
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Variable name: REPF_29  
SAS label: AGE STARTED ESTROGEN  
Question: Q13: How old were you when you started using estrogen?  
Note: Indicate age in years

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Reproduction and Hormone Use (Women Only)

Variable name: REPF_30
SAS label: YEARS USED ESTROGEN
Question: Q14: How many years altogether did you take estrogen?
Note: Specify duration in years. If less than 3 months, record 0. If more than 3 months but less than 1 years, record 1.

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ADMINISTRATIVE INFORMATION

Variable name: REPF_STAT
SAS label: QUESTIONNAIRE COMPLETED
Question: Q15: Did the participant complete the interview?
Note: None

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<tr>
<td>1</td>
<td>Yes, completed the interview</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>No, refused all questions</td>
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Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q16: Interviewer
Note: None

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Reproduction and Hormone Use (Women Only)

**Variable name:** INT_DATE  
**SAS label:** INTERVIEW DATE  
**Question:** Q17: Date of interview  
**Note:** None

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

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<td>OK</td>
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<td>3</td>
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Rose Questionnaire for Angina and Intermittent Claudication

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

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Variable name: FAMID
SAS label: SHS FAMILY ID
Question: SHS Family I.D.
Note: None

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CHEST PAIN ON EFFORT

Variable name: ROSEF_1
SAS label: PAIN/DISCOMFORT IN CHEST
Question: Q1: Have you ever had any pain or discomfort in your chest?
Note: None

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<td>2</td>
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### ROSEF_2
**SAS label:** CHEST PAIN WALKING UPHILL  
**Question:** Q2: Do you get it when you walk uphill, upstairs or hurry?  
**Note:** None

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
<td>Skip to Q9 (ROSEF_9)</td>
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<tr>
<td>3</td>
<td>Never hurries or walks uphill or upstairs</td>
<td></td>
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<tr>
<td>4</td>
<td>Unable to walk</td>
<td>Skip to Q9 (ROSEF_9)</td>
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### ROSEF_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

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### ROSEF_4
**SAS label:** RESPONSE TO CHEST PAIN WHEN WALKING  
**Question:** Q4: What do you do if you get it while you are walking?  
**Note:** Record "stop or slow down " if subject carries on after taking nitroglycerine.)

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<tbody>
<tr>
<td>1</td>
<td>Stop or slow down</td>
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</tr>
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<td>2</td>
<td>Carry on</td>
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Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSEF_5
SAS label: CHEST PAIN STANDING STILL
Question: Q5: If you stand still, what happens to it?
Note: None

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Variable name: ROSEF_6
SAS label: TIME TO CHEST PAIN RELIEF
Question: Q6: How soon?
Note: None

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<td>10 minutes or less</td>
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Variable name: ROSEF_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

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</table>
### Variable name: ROSEF_7B
**SAS label:** CHEST PAIN: STERNUM (LOWER)
**Question:** Q7b: Will you show me where it is? Sternum (lower)
**Note:** Record all areas mentioned

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### Variable name: ROSEF_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

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### Variable name: ROSEF_7D
**SAS label:** CHEST PAIN: LEFT ARM
**Question:** Q7d: Will you show me where it is? Left arm
**Note:** Record all areas mentioned

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### Variable name: ROSEF_7E  
**SAS label:** CHEST PAIN: OTHER  
**Question:** Q7d: Will you show me where it is? Other  
**Note:** Record all areas mentioned

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### Variable name: ROSEF_8  
**SAS label:** OTHER CHEST PAIN LOCATION  
**Question:** Q8: Do you feel it anywhere else?  
**Note:** None

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### Variable name: ROSEF_8A  
**SAS label:** ADDITIONAL INFORMATION ABOUT CHEST PAIN  
**Question:** Q8: Do you feel it anywhere else?  
**Note:** None

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## POSSIBLE INFARCTION

**Variable name:** ROSEF_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

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## INTERMITTENT CLAUDICATION

**Variable name:** ROSEF_10  
**SAS label:** LEG PAIN WALKING  
**Question:** Q10: Do you get pain in either left on walking?  
**Note:** None

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<td>2</td>
<td>No</td>
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<tr>
<td>3</td>
<td>Unable to walk</td>
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Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSEF_11
SAS label: LEG PAIN WHEN STILL
Question: Q11: Does this pain ever begin when you are standing still or sitting?
Note: None

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Variable name: ROSEF_12
SAS label: LEG PAIN LOCATION
Question: Q12: In what part of your leg did you feel it?
Note: None

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<th>Code or Value</th>
<th>Value description</th>
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<tbody>
<tr>
<td>1</td>
<td>Pain includes calf/calves</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Pain does not include calf/calves</td>
<td>Skip to Q19 (RSF_STAT)</td>
</tr>
<tr>
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</table>

Variable name: ROSEF_12A
SAS label: LEG PAIN LOCATION, IF CALVES NOT MENTIONED, SPECIFY
Question: Q12: In what part of your leg did you feel it? If calves not mentioned, specify
Note: None

<table>
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<th>Code or Value</th>
<th>Value Description</th>
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</table>
**Variable name:** ROSEF_13  
**SAS label:** LEG PAIN WALKING UPHILL  
**Question:** Q13: Do you get it if you walk uphill or hurry?  
**Note:** None

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<th>Code or Value</th>
<th>Value description</th>
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<tbody>
<tr>
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<td>2</td>
<td>No</td>
<td>Skip to Q19 (RSF_STAT)</td>
</tr>
<tr>
<td>3</td>
<td>Never hurries or walks uphill or upstairs</td>
<td></td>
</tr>
<tr>
<td>.</td>
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**Variable name:** ROSEF_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

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<tr>
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</tr>
<tr>
<td>2</td>
<td>No</td>
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**Variable name:** ROSEF_15  
**SAS label:** LEG PAIN RELIEVED WHEN WALKING  
**Question:** Q15: Does the pain ever disappear while you are walking?  
**Note:** None

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<td>2</td>
<td>No</td>
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</table>
Rose Questionnaire for Angina and Intermittent Claudication

Variable name: ROSEF_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

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<tbody>
<tr>
<td>1</td>
<td>Stop or slow down</td>
<td></td>
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<tr>
<td>2</td>
<td>Carry on</td>
<td>Skip to Q19 (RSF_STAT)</td>
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<td>Missing</td>
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Variable name: ROSEF_17
SAS label: LEG PAIN STANDING STILL
Question: Q17: What happens to it if you stand still?
Note: None

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<th>Value description</th>
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<tbody>
<tr>
<td>1</td>
<td>Relieved</td>
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<tr>
<td>2</td>
<td>Not relieved</td>
<td>Skip to Q19 (RSF_STAT)</td>
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Variable name: ROSEF_18
SAS label: TIME TO LEG PAIN RELIEF
Question: Q18: How soon?
Note: None

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<td>1</td>
<td>10 minutes or less</td>
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<td>2</td>
<td>More than 10 minutes</td>
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ADMINISTRATIVE INFORMATION

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

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<tr>
<td>1</td>
<td>Yes, completed the interview</td>
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<td>2</td>
<td>No, refused all questions</td>
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Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q20: Interviewer
Note: None

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

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

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<td>2</td>
<td>OK</td>
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<td>3</td>
<td>SD</td>
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# Respiratory Questions

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

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### Variable name: FAMID
SAS label: SHS FAMILY ID NUMBER  
Question: SHS Family I.D.  
Note: None

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### Variable name: RESPF_1
SAS label: USUALLY HAVE A COUGH  
Question: Q1a: Do you usually have a cough?  
Note: None

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<th>Value description</th>
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<td>2</td>
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Respiratory Questions

Variable name: RESPF_2
SAS label: COUGH 4-6 TIMES
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

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Variable name: RESPF_3
SAS label: COUGH ON GETTING UP
Question: Q1c: Do you usually cough at all on getting up, or first thing in the morning?
Note: None

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<td>2</td>
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Variable name: RESPF_4
SAS label: 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

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Respiratory Questions

Variable name: RESPF_5Y
SAS label: HOW LONG (YEAR)
Question: Q1e: How long have you had this cough? Years
Note: None

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<th>Code or Value</th>
<th>Value Description</th>
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Variable name: RESPF_5M
SAS label: HOW LONG (MONTH)
Question: Q1e: How long have you had this cough? Months
Note: None

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<th>Code or Value</th>
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Variable name: RESPF_6
SAS label: PHLEGM FROM THE CHEST WHEN YOU COUGH
Question: Q2: Do you usually bring up phlegm from your chest when you cough?
Note: None

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<th>Value Description</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>2</td>
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<td>.</td>
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Respiratory Questions

Variable name: RESPF_7
SAS label: WHEEZY OR WHISTLING: HAVE A COLD
Question: Q3a: Does your chest ever sound wheezy or whistling when you have a cold?
Note: None

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<tr>
<td>2</td>
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Variable name: RESPF_8
SAS label: WHEEZY OR WHISTLING: OCCASIONALLY APART FROM COLDs
Question: Q3b: Does your chest ever sound wheezy or whistling occasionally apart from colds?
Note: None

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<td>2</td>
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Variable name: RESPF_9
SAS label: WHEEZY OR WHISTLING: MOST DAYS
Question: Q3c: Does your chest ever sound wheezy or whistling most days?
Note: None

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<th>Code or Value</th>
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</tr>
<tr>
<td>2</td>
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Respiratory Questions

Variable name: RESPF_10
SAS label: WHEEZY OR WHISTLING: MOST NIGHTS
Question: Q3d: Does your chest ever sound wheezy or whistling most nights?
Note: None

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<td>2</td>
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Variable name: RESPF_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

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Variable name: RESPF_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

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<tr>
<td>4</td>
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Respiratory Questions

Variable name: RESPF_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

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Variable name: RESPF_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

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</tr>
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Variable name: RESPF_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

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<th>Value description</th>
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</table>
Respiratory Questions

Variable name: RESPF_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

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Variable name: RESPF_17
SAS label: LUNG TROUBLE BEFORE AGE OF 16
Question: Q10: Did you have any lung trouble before the age of 16?
Note: None

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Variable name: RESPF_18
SAS label: BEEN TOLD YOU SNORE
Question: Q11: Have you ever been told you snore?
Note: None

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### ADMINISTRATIVE INFORMATION

**Variable name:** RESPF_STAT  
**SAS label:** FORM COMPLETED  
**Question:** Q12: Did the participant complete the interview?  
**Note:** None

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<td>Yes, completed the interview</td>
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<td>2</td>
<td>No, refused all questions</td>
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**Variable name:** INT_CODE  
**SAS label:** INTERVIEWER'S CODE  
**Question:** Q13: Interviewer  
**Note:** None

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

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Respiratory Questions

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

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<th>Value description</th>
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### Physical Examination

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

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**Variable name:** FAMID  
**SAS label:** FAMILY ID  
**Question:** SHS Family I.D.  
**Note:** None

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### TOBACCO, CAFFEINE, AND ALCOHOL USE

**Variable name:** EXF_1  
**SAS label:** TOBACCO IN LAST 4 HOURS  
**Question:** Q1: Have you smoked or used chewing tobacco or snuff within the last 4 hours?  
**Note:** None

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Variable name: EXF_2
SAS label: LAST USE IN TOBACCO (HRS)
Question: Q1a: How long ago did you last smoke or last use chewing tobacco or snuff?
Note: Specify the lag by hours

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Variable name: EXF_3
SAS label: LAST USE IN TOBACCO (MIN)
Question: Q1b: If less than an hour, specify the minutes
Note: None

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Variable name: EXF_4
SAS label: HOW MANY ALCOHOLIC DRINKS PAST 24 HRS
Question: Q2: How many alcoholic drinks have you had in the last 24 hours?
Note: 0 = None

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### Physical Examination

**Variable name:** EXF_5  
**SAS label:** PHYSICAL ACTIVITY PAST 24 HRS  
**Question:** Q3: Have you done any vigorous physical activity in the last 24 hours?  
**Note:** 0 = None, 999 = Refused

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**Variable name:** EXF_6  
**SAS label:** CAFFEINE IN LAST 4 HRS  
**Question:** Q4: Have you had any coffee, tea, caffeinated soft drink or chocolate within the last 4 hours?  
**Note:** None

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**Variable name:** EXF_7  
**SAS label:** LAST USE IN CAFFEINE (HRS)  
**Question:** Q4a: How long ago did you last have any coffee, tea, caffeinated soft drink or chocolate?  
**Note:** Specify the lag by hours

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Variable name: EXF_8  
SAS label: LAST USE IN CAFFEINE (MIN)
Question: Q4b: If less than an hour, specify the minutes
Note: None

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EXAMINATION OF EXTREMITIES FOR AMPUTATIONS

Variable name: EXF_9  
SAS label: EXTREMITIES MISSING
Question: Q5: Are any extremities missing?
Note: None

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Variable name: EXF_10  
SAS label: RIGHT ARM: MISSING
Question: Q5a: Right arm missing
Note: None

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## Physical Examination

### Variable name: EXF_11

**SAS label:** RIGHT ARM: CAUSE  
**Question:** Q5a: Right arm missing cause  
**Note:** None

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### Variable name: EXF_11A

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

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### Variable name: EXF_12

**SAS label:** RIGHT HAND: MISSING  
**Question:** Q5b: Right hand missing  
**Note:** None

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### Physical Examination

**Variable name:** EXF_13  
**SAS label:** RIGHT HAND: CAUSE  
**Question:** Q5b: Right hand missing cause  
**Note:** None

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**Variable name:** EXF_13A  
**SAS label:** RIGHT HAND: OTHER CAUSE  
**Question:** Q5b: Right hand missing other cause specify  
**Note:** None

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**Variable name:** EXF_14  
**SAS label:** RIGHT FINGER(S): MISSING  
**Question:** Q5c: Right finger(s) missing  
**Note:** None

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## Variable name: EXF_15
### SAS label: RIGHT FINGER(S): HOW MANY
### Question: Q5c: Number or Right finger(s) missing
### Note: None

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## Variable name: EXF_16
### SAS label: RIGHT FINGER(S): CAUSE
### Question: Q5c: Right finger(s) missing cause
### Note: None

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## Variable name: EXF_16A
### SAS label: RIGHT FINGER(S): OTHER CAUSE
### Question: Q5c: Right finger(s) missing other cause specify
### Note: None

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### Variable name: EXF_17
**SAS label:** LEFT ARM: MISSING
**Question:** Q5d: Left arm missing
**Note:** None

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### Variable name: EXF_18
**SAS label:** LEFT ARM: CAUSE
**Question:** Q5d: Left arm missing cause
**Note:** None

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### Variable name: EXF_18A
**SAS label:** LEFT ARM: OTHER CAUSE
**Question:** Q5d: Left arm missing other cause specify
**Note:** None

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### Variable name: EXF_19
**SAS label:** LEFT HAND: MISSING
**Question:** Q5e: Left hand missing
**Note:** None

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### Variable name: EXF_20
**SAS label:** LEFT HAND: CAUSE
**Question:** Q5e: Left hand missing cause
**Note:** None

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### Variable name: EXF_20A
**SAS label:** LEFT HAND: OTHER CAUSE
**Question:** Q5e: Left hand missing other cause specify
**Note:** None

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Variable name: EXF_21
SAS label: LEFT FINGER(S): MISSING
Question: Q5f: Left finger(s) missing
Note: None

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Variable name: EXF_22
SAS label: LEFT FINGER(S): HOW MANY
Question: Q5f: Number or Left finger(s) missing
Note: None

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Variable name: EXF_23
SAS label: LEFT FINGER(S): CAUSE
Question: Q5f: Left finger(s) missing cause
Note: None

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### Physical Examination

**Variable name:** EXF_23A  
**SAS label:** LEFT FINGER(S): OTHER CAUSE  
**Question:** Q5f: Left finger(s) missing other cause specify  
**Note:** None

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**Variable name:** EXF_24  
**SAS label:** RIGHT LEG ABOVE KNEE: MISSING  
**Question:** Q5g: Right leg above knee missing  
**Note:** None

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**Variable name:** EXF_25  
**SAS label:** RIGHT LEG ABOVE KNEE: CAUSE  
**Question:** Q5g: Right leg above knee missing cause  
**Note:** None

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### Physical Examination

**Variable name:** EXF_25A  
**SAS label:** RIGHT LEG ABOVE KNEE: OTHER CAUSE  
**Question:** Q5g: Right leg above knee missing other cause specify  
**Note:** None

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**Variable name:** EXF_26  
**SAS label:** RIGHT LEG BELOW KNEE: MISSING  
**Question:** Q5h: Right leg below knee missing  
**Note:** None

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**Variable name:** EXF_27  
**SAS label:** RIGHT LEG BELOW KNEE: CAUSE  
**Question:** Q5h: Right leg below knee missing cause  
**Note:** None

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Physical Examination

Variable name: EXF_27A
SAS label: RIGHT LEG BELOW KNEE: OTHER CAUSE
Question: Q5h: Right leg below knee missing other cause specify
Note: None

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Variable name: EXF_28
SAS label: RIGHT FOOT: MISSING
Question: Q5i: Right foot missing
Note: None

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Variable name: EXF_29
SAS label: RIGHT FOOT: CAUSE
Question: Q5i: Right foot missing cause
Note: None

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**Variable name:** EXF_29A  
**SAS label:** RIGHT FOOT: OTHER CAUSE  
**Question:** Q5i: Right foot missing other cause specify  
**Note:** None

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**Variable name:** EXF_30  
**SAS label:** RIGHT TOE(S): MISSING  
**Question:** Q5j: Right toe(s) missing  
**Note:** None

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**Variable name:** EXF_31  
**SAS label:** RIGHT TOE(S): HOW MANY  
**Question:** Q5j: Number of right toe(s) missing  
**Note:** None

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### Physical Examination

**Variable name:** EXF_32  
**SAS label:** RIGHT TOE(S): CAUSE  
**Question:** Q5j: Right toe(s) missing cause  
**Note:** None

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**Variable name:** EXF_32A  
**SAS label:** RIGHT TOE(S): OTHER CAUSE  
**Question:** Q5j: Right toe(s) other cause specify  
**Note:** None

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**Variable name:** EXF_33  
**SAS label:** LEFT LEG ABOVE KNEE: MISSING  
**Question:** Q5k: Left leg above knee missing  
**Note:** None

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### Variable name: EXF_34
**SAS label:** LEFT LEG ABOVE KNEE: CAUSE
**Question:** Q5k: Left leg above missing cause
**Note:** None

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### Variable name: EXF_34A
**SAS label:** LEFT LEG ABOVE KNEE: OTHER CAUSE
**Question:** Q5k: Left leg above knee other cause specify
**Note:** None

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### Variable name: EXF_35
**SAS label:** LEFT LEG BELOW KNEE: MISSING
**Question:** Q5i: Left leg below knee missing
**Note:** None

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### Variable name: EXF_36
**SAS label:** LEFT LEG BELOW KNEE: CAUSE
**Question:** Q5l: Left leg below knee missing cause
**Note:** None

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### Variable name: EXF_36A
**SAS label:** LEFT LEG BELOW KNEE: OTHER CAUSE
**Question:** Q5l: Left leg below knee other cause specify
**Note:** None

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### Variable name: EXF_37
**SAS label:** LEFT FOOT: MISSING
**Question:** Q5m: Left foot missing
**Note:** None

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**Physical Examination**

Variable name: EXF_38  
SAS label: LEFT FOOT: CAUSE  
Question: Q5m: Left foot missing cause  
Note: None

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Variable name: EXF_38A  
SAS label: LEFT FOOT: OTHER CAUSE  
Question: Q5m: Left foot other cause specify  
Note: None

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Variable name: EXF_39  
SAS label: LEFT TOE(S): MISSING  
Question: Q5n: Left toe(s) missing  
Note: None

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Physical Examination

**Variable name:** EXF_40  
**SAS label:** LEFT TOE(S): HOW MANY  
**Question:** Q5n: Number of left toe(s) missing  
**Note:** None

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**Variable name:** EXF_41  
**SAS label:** LEFT TOE(S): CAUSE  
**Question:** Q5n: Left toe(s) missing cause  
**Note:** None

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<td>Trauma</td>
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**Variable name:** EXF_41A  
**SAS label:** LEFT TOE(S): OTHER CAUSE  
**Question:** Q5n: Left toe(s) other cause specify  
**Note:** None

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**BLOOD PRESSURE**

**Variable name:** EXF_42  
**SAS label:** RIGHT ARM CIRCUMFERENCE (CM)  
**Question:** Q6: Right arm circumference, measured in centimeters (cm)  
**Note:** None

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**Variable name:** EXF_43  
**SAS label:** CUFF SIZE  
**Question:** Q7: Cuff size (arm circumference in brackets)  
**Note:** None

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<td>Regular arm (24-32cm)</td>
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<td>3</td>
<td>Large arm (33-41cm)</td>
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<td>4</td>
<td>Thigh (&gt;41cm)</td>
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**Variable name:** EXF_44  
**SAS label:** PULSE OBLITERATION PRESSURE  
**Question:** Q8: Pulse obliteration pressure  
**Note:** None

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### Physical Examination

**Variable name:** EXF_45  
**SAS label:** SYSTOLIC: 1ST BP  
**Question:** Q9a: First systolic blood pressure measurement  
**Note:** None

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**Variable name:** EXF_46  
**SAS label:** DIASTOLIC: 1ST BP  
**Question:** Q9a: First diastolic blood pressure measurement  
**Note:** None

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**Variable name:** EXF_47  
**SAS label:** SYSTOLIC: 2ND BP  
**Question:** Q9b: Second systolic blood pressure measurement  
**Note:** None

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**Variable name:** EXF_48  
**SAS label:** DIASTOLIC: 2ND BP  
**Question:** Q9b: Second diastolic blood pressure measurement  
**Note:** None

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Physical Examination

Variable name: EXF_49
SAS label: SYSTOLIC: 3RD BP
Question: Q9c: Third systolic blood pressure measurement
Note: None

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Variable name: EXF_50
SAS label: DIASTOLIC: 3RD BP
Question: Q9c: Third diastolic blood pressure measurement
Note: None

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Variable name: EXF_51
SAS label: BP NOT FROM RIGHT ARM
Question: Q10: Were the above pressure taken from left arm because of missing right arm or some other reason?
Note: None

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### Physical Examination

**Variable name:** EXF_51A  
**SAS label:** BP NOT FROM RIGHT ARM SPECIFY  
**Question:** Q10: Were the above pressure taken from left arm because of missing right arm or some other reason? If yes, specify  
**Note:** None

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**Variable name:** EXF_52  
**SAS label:** RECORDER ID FOR BP MEASUREMENT  
**Question:** Q11: Recorder ID (For the SHS staff who took BPs)  
**Note:** None

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### Girth Measurements

**Variable name:** EXF_53  
**SAS label:** HEIGHT STANDING (CM)  
**Question:** Q12: Height standing (cm)  
**Note:** None

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**Variable name:** EXF_54  
**SAS label:** HEIGHT STANDING (IN)  
**Question:** Q12: Height standing (in)  
**Note:** None

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### Physical Examination

**Variable name:** EXF_55  
**SAS label:** WEIGHT (KG)  
**Question:** Q13: Weight (kg)  
**Note:** None

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**Variable name:** EXF_56  
**SAS label:** WEIGHT (LB)  
**Question:** Q13: Weight (lb)  
**Note:** None

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**Variable name:** EXF_57  
**SAS label:** HIP CIRCUMFERENCE STANDING (CM)  
**Question:** Q14: Hip circumference (cm)  
**Note:** None

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**Variable name:** EXF_58  
**SAS label:** HIP CIRCUMFERENCE STANDING (IN)  
**Question:** Q14: Hip circumference (in)  
**Note:** None

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Physical Examination

Variable name: EXF_59
SAS label: WAIST SUPINE (CM)
Question: Q15: Waist measurement at umbilicus (cm)
Note: None

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Variable name: EXF_60
SAS label: WAIST SUPINE (IN)
Question: Q15: Waist measurement at umbilicus (in)
Note: None

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PEDAL PULSES AND EDEMA

Variable name: EXF_61
SAS label: RIGHT POSTERIOR TIBIAL PULSE
Question: Q16: Right posterior tibial pulse
Note: None

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<td>3</td>
<td>Missing limbs</td>
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<tr>
<td>9</td>
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### Physical Examination

**Variable name:** EXF_62  
**SAS label:** RIGHT DORSALIS PEDIS PULSE  
**Question:** Q17: Right dorsalis pedis pulse  
**Note:** None

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**Variable name:** EXF_63  
**SAS label:** LEFT POSTERIOR TIBIAL PULSE  
**Question:** Q18: Left posterior tibial pulse  
**Note:** None

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### Physical Examination

#### Variable name: EXF_64  
**SAS label:** LEFT DORSALIS PEDIS PULSE  
**Question:** Q19: Left dorsalis pedis pulse  
**Note:** None

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#### Variable name: EXF_65  
**SAS label:** PEDAL EDEMA  
**Question:** Q20: Pedal edema  
**Note:** None

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### IMPEDANCE MEASUREMENT

#### Variable name: EXF_70  
**SAS label:** IMPEDANCE TAKEN  
**Question:** Q21a: Was impedance taken?  
**Note:** None

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### Variable name: EXF_70A
**SAS label:** IMPEDANCE NOT TAKEN REASON
**Question:** Q21a: If No, due to:
**Note:** None

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### Variable name: EXF_68
**SAS label:** IMPEDANCE TAKEN ON RIGHT SIDE
**Question:** Q21b: Taken on left side?
**Note:** None

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### Variable name: EXF_69
**SAS label:** IMPEDANCE TAKEN ON LEFT SIDE REASON
**Question:** Q21b: If yes, due to:
**Note:** None

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Physical Examination

Variable name: EXF_66
SAS label: RESISTANCE
Question: Q21c: Resistance
Note: None

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Variable name: EXF_67
SAS label: REACTANCE
Question: Q21c: Reactance
Note: None

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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: EXF_71
SAS label: RIGHT ARM: 1ST DOPPLER BP
Question: Q22a: Right arm first systolic B.P.
Note: None

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Physical Examination

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<th>Variable name:</th>
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<td>Q22a: Right ankle first systolic B.P.</td>
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### Variable name: EXF_76  
**SAS label:** LEFT ANKLE: 2ND DOPPLER BP  
**Question:** Q22b: Left ankle second systolic B.P.  
**Note:** None

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### Variable name: EXF_77  
**SAS label:** RIGHT ANKLE DOPPLER LOCATION  
**Question:** Q22c: Right ankle Doppler location  
**Note:** None

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### Variable name: EXF_78  
**SAS label:** LEFT ANKLE DOPPLER LOCATION  
**Question:** Q22c: Left ankle Doppler location  
**Note:** None

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Physical Examination

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BREATH CO

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<td>BREATH CO DONE</td>
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<td>Question:</td>
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Physical Examination

Variable name: EXF_80
SAS label: CO [PPM]: 1ST
Question: Q24a: First CO [ppm]
Note: None

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Variable name: EXF_81
SAS label: CO [PPM]: 2ND
Question: Q24a: Second CO [ppm]
Note: None

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Variable name: EXF_82
SAS label: CO [PPM]: 3RD
Question: Q24a: Third CO [ppm]
Note: None

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Variable name: EXF_83
SAS label: CO [PPM]: 4TH
Question: Q24a: Fourth CO [ppm]
Note: None

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Physical Examination

**ADMINISTRATIVE INFORMATION**

**Variable name:** EXF_STAT  
SAS label: QUESTIONNAIRE COMPLETED  
Question: Q25: Did the participant complete the interview?  
Note: None

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<td>2</td>
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**Variable name:** INT_CODE  
SAS label: INTERVIEWER'S CODE  
Question: Q26: SHS Code of person completing this form  
Note: None

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**Variable name:** INT_DATE  
SAS label: INTERVIEW DATE  
Question: Q27: Date of examination  
Note: None

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Physical Examination

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

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## Diabetic Foot Screen

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

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**Variable name:** FAMID  
**SAS label:** SHS FAMILY ID NUMBER  
**Question:** SHS Family I.D.  
**Note:** None

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**Variable name:** FOOTF_1A  
**SAS label:** RIGHT FOOT ULCER  
**Question:** Q1a: Is there an ulcer on the right foot?  
**Note:** None

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### Diabetic Foot Screen

**Variable name:** FOOTF_1B  
**SAS label:** LEFT FOOT ULCER  
**Question:** Q1b: Is there an ulcer on the left foot?  
**Note:** None

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**Variable name:** FOOTF_2  
**SAS label:** HISTORY OF FOOT ULCER  
**Question:** Q2: Is there a history of foot ulcer?  
**Note:** None

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**Variable name:** FOOTF_3  
**SAS label:** FOOT NUMB  
**Question:** Q3: Is either foot numb?  
**Note:** None

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Variable name: FOOTF_4A
SAS label: RT. TOP
Question: Q4a: Feel 10 gram filament on right top foot?
Note: None

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Variable name: FOOTF_4B
SAS label: RT. LARGE TOE
Question: Q4b: Feel 10 gram filament on right large toe?
Note: None

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Variable name: FOOTF_4C
SAS label: RT. MIDDLE TOE
Question: Q4c: Feel 10 gram filament on right middle toe?
Note: None

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### Diabetic Foot Screen

#### Variable name: FOOTF_4D
SAS label: RT. SMALL TOE
Question: Q4d: Feel 10 gram filament on right small toe?
Note: None

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#### Variable name: FOOTF_4E
SAS label: RT. SOLE FRONT
Question: Q4e: Feel 10 gram filament on right sole front?
Note: None

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#### Variable name: FOOTF_4F
SAS label: RT. SOLE RIGHT
Question: Q4f: Feel 10 gram filament on right sole right?
Note: None

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Variable name: FOOTF_4G
SAS label: RT. SOLE LEFT
Question: Q4g: Feel 10 gram filament on right sole left?
Note: None

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Variable name: FOOTF_4H
SAS label: RT. SOLE BACK RIGHT
Question: Q4h: Feel 10 gram filament on right sole back right?
Note: None

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Variable name: FOOTF_4I
SAS label: RT. SOLE BACK LEFT
Question: Q4i: Feel 10 gram filament on right sole back left?
Note: None

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Diabetic Foot Screen

Variable name: FOOTF_4J  
SAS label: RT. HEEL  
Question: Q4j: Feel 10 gram filament on right heel?  
Note: None

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Variable name: FOOTF_5  
SAS label: UNABLE TO MEASURE DUE TO MEDICAL REASONS  
Question: Q5: Unable to measure due to medical reasons?  
Note: If the right foot has been amputated, conduct exam on the left foot

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Variable name: FOOTF_6  
SAS label: MEASURE ON LEFT FOOT  
Question: Q6: Measured on left foot?  
Note: None

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### Variable name: FOOTF_6A
#### SAS label: REASON FOR MEASURE ON LEFT FOOT
#### Question: Q6a: If Yes, due to right foot:
#### Note: None

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<td>Cast</td>
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<tr>
<td>8</td>
<td>Refusal</td>
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### Variable name: FOOTF_7A
#### SAS label: NUMBER OF POSITIVE ANSWERS
#### Question: Q7a: Number of positive answers
#### Note: None

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### Variable name: FOOTF_7B
#### SAS label: NUMBER OF SITES TESTED
#### Question: Q7b: Number of sites tested
#### Note: None

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**ADMINISTRATIVE INFORMATION**

Variable name: FTF_STAT  
SAS label: WHETHER PARTICIPANT COMPLETE THE FORM  
Question: Q8: Did the participant complete the exam?  
Note: None

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<td>Yes, completed the interview</td>
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<td>2</td>
<td>No, refused all questions</td>
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Variable name: INT_CODE  
SAS label: EXAMINED BY  
Question: Q9: Examined by  
Note: None

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Variable name: INT_DATE  
SAS label: EXAM DATE  
Question: Q10: Date of examination  
Note: None

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Diabetic Foot Screen

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

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<td>OK</td>
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<td>3</td>
<td>SD</td>
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# Quality of Life (SF-36)

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

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**Variable name:** FAMID  
**SAS label:** FAMILY ID NUMBER  
**Question:** SHS Family I.D.  
**Note:** None

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**Variable name:** QUAF_0  
**SAS label:** WHO ADMINISTERED QUESTIONNAIRE  
**Question:** How is this questionnaire administered?  
**Note:** None

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</table>
### Quality of Life (SF-36)

**Variable name:** QUAF_1  
**SAS label:** HEALTH IN GENERAL  
**Question:** Q1: In general, would you say your health is:  
**Note:** None

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<td>Very good</td>
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<td>4</td>
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<tr>
<td>5</td>
<td>Poor</td>
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**Variable name:** QUAF_2  
**SAS label:** HEALTH NOW COMPARED TO ONE YEAR AGO  
**Question:** Q2: Compared to one year ago, how would you rate your health in general, now?  
**Note:** None

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<td>Much better than one year ago</td>
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<td>2</td>
<td>Somewhat better than one year ago</td>
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<tr>
<td>3</td>
<td>About the same</td>
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<tr>
<td>4</td>
<td>Somewhat worse than one year ago</td>
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<tr>
<td>5</td>
<td>Much worse than one year ago</td>
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</table>
Quality of Life (SF-36)

The following items are about activities you might do during a typical day. Does your health now limit these activities? If so, how much?

Variable name: QUAF_3  
SAS label: VIGOROUS ACTIVITIES
Question: Q3: Vigorous activities, such as running, lifting heavy objects, participating in strenuous sports
Note: None

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<td>3</td>
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Variable name: QUAF_4  
SAS label: MODERATE ACTIVITIES
Question: Q4: Moderate activities, such as moving a table, pushing a vacuum cleaner, bowling or playing golf
Note: None

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### Quality of Life (SF-36)

#### Variable name: QUAF_5
SAS label: LIFTING OR CARRYING
Question: Q5: Lifting or carrying groceries
Note: None

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#### Variable name: QUAF_6
SAS label: CLIMBING SEVERAL STAIRS
Question: Q6: Climbing several flights of stairs
Note: None

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#### Variable name: QUAF_7
SAS label: CLIMBING ONE FLIGHT
Question: Q7: Climbing one flight of stairs
Note: None

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Quality of Life (SF-36)

**Variable name:** QUAF_8  
**SAS label:** BENDING, KNEELING, STOOPING  
**Question:** Q8: Bending, kneeling, or stooping  
**Note:** None

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**Variable name:** QUAF_9  
**SAS label:** WALKING MORE THAN 1 MILE  
**Question:** Q9: Walking more than a mile  
**Note:** None

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**Variable name:** QUAF_10  
**SAS label:** WALKING SEVERAL BLOCKS  
**Question:** Q10: Walking several blocks  
**Note:** None

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Quality of Life (SF-36)

Variable name: QUAF_11
SAS label: WALKING ONE BLOCK
Question: Q11: Walking one block
Note: None

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Variable name: QUAF_12
SAS label: BATHING OR DRESSING YOURSELF
Question: Q12: Bathing or dressing yourself
Note: None

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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: QUAF_13
SAS label: CUT DOWN ON WORK OR ACTIVITIES DUE TO PHYSICAL HEALTH
Question: Q13: Cut down on the amount of time you spend on work or other activities
Note: None

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Quality of Life (SF-36)

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<th>Variable name:</th>
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<tr>
<td>SAS label:</td>
<td>ACCOMPLISH LESS DUE TO PHYSICAL HEALTH</td>
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<tr>
<td>Question:</td>
<td>Q14: Accomplish less than you would like</td>
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<tr>
<td>SAS label:</td>
<td>LIMITED IN TYPE OF WORK DUE TO PHYSICAL HEALTH</td>
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<tr>
<td>Question:</td>
<td>Q15: Were limited in the kind of work or other activities</td>
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<td>SAS label:</td>
<td>DIFFICULTY PERFORMING WORK OR ACTIVITIES DUE TO PHYSICAL HEALTH</td>
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<tr>
<td>Question:</td>
<td>Q16: Had difficulty performing the work or other activities (for example, it took extra effort)</td>
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**Quality of Life (SF-36)**

During the PAST 4 WEEKS, have you had any of the following problems with your work or other regular daily activities AS A RESULT OF ANY EMOTIONAL PROBLEMS (such as feeling depressed or anxious)?

**Variable name:** QUAF_17  
**SAS label:** CUT DOWN ON WORK OR ACTIVITIES DUE TO EMOTIONAL PROBLEMS  
**Question:** Q17: Cut down on the amount of time you spend on work or other activities  
**Note:** None

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**Variable name:** QUAF_18  
**SAS label:** ACCOMPLISH LESS DUE TO EMOTIONAL PROBLEMS  
**Question:** Q18: Accomplish less than you would like  
**Note:** None

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Quality of Life (SF-36)

**Variable name:** QUAF_19  
**SAS label:** DIDN'T DO WORK OR ACTIVITIES CAREFULLY DUE TO EMOTIONAL PROBLEMS  
**Question:** Q19: Didn't do work or other activities as carefully as usual  
**Note:** None

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**Variable name:** QUAF_20  
**SAS label:** HEALTH INTERFERED WITH ACTIVITIES WITH FAMILY/FRIENDS  
**Question:** Q20: During the PAST 4 WEEKS, to what extent has your physical health of emotional problems interfered with your normal social activities with family, friends, neighbors, or groups?  
**Note:** None

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<tr>
<td>2</td>
<td>Slightly</td>
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</tr>
<tr>
<td>3</td>
<td>Moderately</td>
<td></td>
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<tr>
<td>4</td>
<td>Quite a bit</td>
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<td>5</td>
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</table>
### Quality of Life (SF-36)

**Variable name:** QUAF_21  
**SAS label:** BODILY PAIN DURING PAST 4 WEEKS  
**Question:** Q21: How much BODILY pain have you had during the PAST 4 WEEKS?  
**Note:** None

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<td>4</td>
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**Variable name:** QUAF_22  
**SAS label:** PAIN INTERFERE WITH NORMAL WORK  
**Question:** Q22: During the PAST 4 WEEKS, how much did pain interfere with your normal work (including both work outside the home and housework)?  
**Note:** None

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Quality of Life (SF-36)

These questions are about how you feel and how things have been with you during the PAST 4 WEEKS. For each question, please give the one answer that comes closest to the way you have been feeling.

Variable name: QUAF_23
SAS label: FULL OF PEP
Question: Q23: Did you feel full of pep?
Note: None

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Variable name: QUAF_24
SAS label: BEEN NERVOUS
Question: Q24: Have you been a very nervous person?
Note: None

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## Quality of Life (SF-36)

### Variable name: QUAF_25
**SAS label:** FEEL DOWN IN THE DUMPS
**Question:** Q25: Have you felt so down in the dumps that nothing could cheer you up?
**Note:** None

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### Variable name: QUAF_26
**SAS label:** FEEL CALM AND PEACEFUL
**Question:** Q26: have you felt calm and peaceful?
**Note:** None

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Variable name: QUAF_27
SAS label: HAD A LOT OF ENERGY
Question: Q27: Did you have a lot of energy?
Note: None

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Variable name: QUAF_28
SAS label: FEEL DOWNHEARTED AND BLUE
Question: Q28: Did you feel downhearted and blue?
Note: None

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### Quality of Life (SF-36)

**Variable name:** QUAF_29  
**SAS label:** FEEL WORN OUT  
**Question:** Q29: Did you feel worn out?  
**Note:** None

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**Variable name:** QUAF_30  
**SAS label:** BEEN A HAPPY PERSON  
**Question:** Q30: Have you been a happy person?  
**Note:** None

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### Variable name: QUAF_31  
**SAS label:** FEEL TIRED  
**Question:** Q31: Did you feel tired?  
**Note:** None

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### Variable name: QUAF_32  
**SAS label:** PHYSICAL HEALTH & EMOTIONAL PROBLEMS INTERFERE WITH SOCIAL ACTIVITY  
**Question:** Q32: During the PAST 4 WEEKS, how much of the time has your PHYSICAL HEALTH or EMOTIONAL PROBLEMS interfered with your social activities (like visiting with friends, relatives, etc.)?  
**Note:** None

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### Variable name: QUAF_33

**SAS label:** GET SICKER THAN OTHER PEOPLE  
**Question:** Q33: I seem to get sick a little easier than other people  
**Note:** None

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### Variable name: QUAF_34

**SAS label:** AS HEALTHY AS ANYBODY I KNOW  
**Question:** Q34: I am as healthy as anybody I know  
**Note:** None

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### Quality of Life (SF-36)

**Variable name:** QUAF_35  
**SAS label:** EXPECT MY HEALTH TO GET WORSE  
**Question:** Q35: I expect my health to get worse  
**Note:** None

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<tr>
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</table>

**Variable name:** QUAF_36  
**SAS label:** HEALTH IS EXCELLENT  
**Question:** Q36: My health is excellent  
**Note:** None

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<tr>
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<td>2</td>
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<td>3</td>
<td>Don't know</td>
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<td>4</td>
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</table>
**Variable name:** QUAF_37  
**SAS label:** LANGUAGE THE INTERVIEW CONDUCTED  
**Question:** Q37: Interview conducted in:  
**Note:** None

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**Variable name:** QUAF_37A  
**SAS label:** LANGUAGE THE INTERVIEW CONDUCTED, SPECIF  
**Question:** Q37: Interview conducted in: specify other  
**Note:** None

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**Variable name:** INT_CODE  
**SAS label:** INTERVIEWER'S CODE  
**Question:** Q38: Interviewer  
**Note:** None

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</table>
### Quality of Life (SF-36)

**Variable name:** INT_DATE  
**SAS label:** INTERVIEW DATE  
**Question:** Q39: Date completed  
**Note:** None

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

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Gambling Questionnaire

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

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Variable name: FAMID
SAS label: SHS FAMILY ID NUMBER
Question: SHS Family I.D.
Note: None

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Variable name: GAMF_1
SAS label: WORK AT A CASINO/BINGO PARLOR
Question: Q1: Do you work at a casino/bingo hall?
Note: None

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<th>Value description</th>
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<tr>
<td>2</td>
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</table>
**Gambling Questionnaire**

**Variable name:** GAMF_2A  
**SAS label:** GAMBLING EFFECTS: TRIBAL GOVERNMENT  
**Question:** Q2a: Overall, what effects do you think gambling has on the following: Tribal government  
**Note:** None

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<td>2</td>
<td>Harmful</td>
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<td>3</td>
<td>No effects</td>
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**Variable name:** GAMF_2B  
**SAS label:** GAMBLING EFFECTS: TRIBAL PEOPLE  
**Question:** Q2b: Overall, what effects do you think gambling has on the following: Tribal people  
**Note:** None

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<td></td>
</tr>
<tr>
<td>3</td>
<td>No effects</td>
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**Variable name:** GAMF_2C  
**SAS label:** GAMBLING EFFECTS: YOU PERSONALLY  
**Question:** Q2c: Overall, what effects do you think gambling has on the following: You personally  
**Note:** None

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<th>Value description</th>
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Gambling Questionnaire

Variable name: GAMF_3  
SAS label: SLOT MACHINES  
Question: Q3a: What type(s) of gambling have you participated in during the last year? Slot machines  
Note: None

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<th>Value description</th>
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Variable name: GAMF_4  
SAS label: FREQUENCY OF PLAYING SLOT MACHINES  
Question: Q3a: If yes to slot machines, how often?  
Note: None

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<th>Value description</th>
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<tr>
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<td>2</td>
<td>1 or more times a month</td>
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<tr>
<td>3</td>
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Variable name: GAMF_5  
SAS label: LOTTERY  
Question: Q3b: What type(s) of gambling have you participated in during the last year? Lottery  
Note: None

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<tr>
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<th>Value description</th>
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<tr>
<td>2</td>
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</table>
**Gambling Questionnaire**

**Variable name:** GAMF_6  
**SAS label:** FREQUENCY OF PLAYING LOTTERY  
**Question:** Q3b: If yes to lottery, how often?  
**Note:** None

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<td>2</td>
<td>1 or more times a month</td>
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<td>3</td>
<td>Less than once a month</td>
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**Variable name:** GAMF_7  
**SAS label:** BINGO  
**Question:** Q3c: What type(s) of gambling have you participated in during the last year? Bingo  
**Note:** None

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<td>2</td>
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**Variable name:** GAMF_8  
**SAS label:** FREQUENCY OF PLAYING BINGO  
**Question:** Q3c: If yes to bingo, how often?  
**Note:** None

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<tbody>
<tr>
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<tr>
<td>2</td>
<td>1 or more times a month</td>
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</table>
**Variable name:** GAMF_9  
**SAS label:** CARD GAMES  
**Question:** Q3d: What type(s) of gambling have you participated in during the last year? Card games (i.e. poker)  
**Note:** None

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**Variable name:** GAMF_10  
**SAS label:** FREQUENCY OF PLAYING CARD GAMES  
**Question:** Q3d: If yes to playing card games, how often?  
**Note:** None

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**Variable name:** GAMF_11  
**SAS label:** OTHER GAMBLING  
**Question:** Q3e: What type(s) of gambling have you participated in during the last year? Other  
**Note:** None

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</table>
Variable name: GAMF_11A
SAS label: OTHER GAMBLING, SPECIFY
Question: Q3e: What type(s) of gambling have you participated in during the last year? Other specify
Note: None

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Variable name: GAMF_12
SAS label: FREQUENCY OF OTHER GAMBLING
Question: Q3e: If yes to other, how often?
Note: None

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Variable name: GAMF_13
SAS label: LOST MORE THAN WON IN THE PAST YEAR
Question: Q4: In the past year, have you lost more than you won?
Note: None

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</table>
Variable name: GAMF_14
SAS label: ATTEMPTS TO STOP GAMBLING IN THE PAST YEAR
Question: Q5: In the past year, have you made attempts to control, cut back, or stop gambling?
Note: None

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Variable name: GAMF_15
SAS label: SUCCESSFUL OF STOPPING GAMBLING
Question: Q5a: If yes, have your attempts been successful?
Note: None

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Variable name: GAMF_16
SAS label: NEED TO BORROW MONEY TO PAY BASIC LIVING
Question: Q6: In the past year, have you had to borrow money to pay basic living expenses (such as food, mortgage/rent), because of gambling losses?
Note: None

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</table>
Gambling Questionnaire

Variable name: GAMF_17
SAS label: ALCOHOL DRINKING DURING GAMBLING DAY
Question: Q7: When you are gambling, how much alcohol do you drink that day?
Note: None

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Variable name: GAMF_18
SAS label: LARGEST AMOUNT BEEN WAGERED IN THE PAST
Question: Q8: In the past year, what is the largest amount you have ben on any single day?
Note: None

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**ADMINISTRATIVE INFORMATION**

Variable name: GAMF_STAT
SAS label: WHETHER PARTICIPANT COMPLETE THE FORM
Question: Q9: Did the participant complete the interview?
Note: None

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<td>2</td>
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Variable name: INT_CODE
SAS label: INTERVIEWER'S CODE
Question: Q10: Interviewer
Note: None

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Variable name: INT_DATE
SAS label: INTERVIEW DATE
Question: Q11: Date of interview
Note: None

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

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</table>
Risk Factor Knowledge Questions

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

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Variable name: FAMID
SAS label: SHS FAMILY ID NUMBER
Question: SHS Family I.D.
Note: None

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Variable name: RISK_STAT
SAS label: STATUS QUESTION
Question: Q1: How was this questionnaire administered?
Note: None

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<td>2</td>
<td>By self</td>
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Risk Factor Knowledge Questions

This is a list of things which may or may not affect a person’s chances of getting heart disease.

Variable name: RISK_2  
SAS label: CIGARETTE SMOKING  
Question: Q2: Cigarette smoking?  
Note: None

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<td>Increases Risk</td>
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</tr>
<tr>
<td>9</td>
<td>Don't know / Not sure</td>
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Variable name: RISK_3  
SAS label: HIGH CHOLESTEROL  
Question: Q3: High Cholesterol?  
Note: None

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### Variable name: RISK_4
**SAS label:** HIGH BLOOD PRESSURE
**Question:** Q4: High Blood Pressure?
**Note:** None

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### Variable name: RISK_5
**SAS label:** DIABETES
**Question:** Q5: Diabetes?
**Note:** None

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### Variable name: RISK_6
**SAS label:** WORRY, ANXIETY, OR STRESS
**Question:** Q6: Worry, Anxiety, or Stress?
**Note:** None

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Risk Factor Knowledge Questions

**Variable name:** RISK_7  
**SAS label:** BEING VERY OVERWEIGHT  
**Question:** Q7: Being very overweight?  
**Note:** None

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**Variable name:** RISK_8  
**SAS label:** EATING A DIET HIGH IN ANIMAL FAT  
**Question:** Q8: Eating a diet high in animal fat? (For example, foods that contain red meat, cheese, butter, lard, etc.)  
**Note:** None

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**Variable name:** RISK_9  
**SAS label:** FAMILY HISTORY OF HEART DISEASE  
**Question:** Q9: Family history of heart disease  
**Note:** None

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### Risk Factor Knowledge Questions

**Variable name:** RISK_10  
**SAS label:** NOT EXERCISE REGULARLY  
**Question:** Q10: Not exercising regularly  
**Note:** None

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### ADMINISTRATIVE INFORMATION

**Variable name:** INT_CODE  
**SAS label:** INTERVIEWER’S CODE  
**Question:** Q11: Interviewer  
**Note:** None

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**Variable name:** INT_DATE  
**SAS label:** INTERVIEW DATE  
**Question:** Q12: Date completed  
**Note:** None

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Risk Factor Knowledge Questions

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

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# Cultural Factors Questionnaire

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

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**Variable name:** FAMID  
**SAS label:** SHS FAMILY ID  
**Question:** SHS Family I.D.  
**Note:** None

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**Variable name:** CULF_1  
**SAS label:** HOW THE QUESTIONNAIRE ADMINISTERED  
**Question:** Q1: How is this questionnaire administered?  
**Note:** None

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Cultural Factors Questionnaire

### TRADITIONAL VALUES/CULTURE

**Variable name:** CULF_2  
**SAS label:** SPEAK NATIVE LANGUAGE  
**Question:** Q2: Can you speak your native language?  
**Note:** None

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<td>2</td>
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**Variable name:** CULF_3  
**SAS label:** FREQUENCY OF SPEAKING NATIVE LANGUAGE  
**Question:** Q3: How often do you speak your native language?  
**Note:** None

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Cultural Factors Questionnaire

The next several questions are about your own native lifestyle.

Variable name: CULF_4
SAS label: IDENTIFY WITH NATIVE CULTURE
Question: Q4: How much do you identify yourself with your own native culture?
Note: None

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<tr>
<td>4</td>
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Variable name: CULF_5
SAS label: IDENTIFY WITH NON-INDIAN CULTURE
Question: Q5: How much do you identify yourself with non-Indian culture?
Note: None

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</table>
**Variable name:** CULF_6  
**SAS label:** COMFORTABLE WITH NATIVE CULTURE  
**Question:** Q6: How comfortable do you feel in your own native culture?  
**Note:** None

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**Variable name:** CULF_7  
**SAS label:** COMFORTABLE WITH NON-INDIAN CULTURE  
**Question:** Q7: How comfortable do you feel in the non-Indian culture?  
**Note:** None

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Nutritional Data

Variable name: IDNO
SAS label: SHS ID
Note: None

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Variable name: S3DATE
SAS label: SHS3 DIETARY RECORD DATE
Note: Nutrient data generated from food diary

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Variable name: S3KCAL
SAS label: SHS3 DIETARY ENERGY (kcal)
Note: Nutrient data generated from food diary

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Variable name: S3TOTALFAT
SAS label: SHS3 DIETARY TOTAL FAT (gm)
Note: Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3CARB  
**SAS label:** SHS3 DIETARY TOTAL CARBOHYDRATE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PROTEIN  
**SAS label:** SHS3 DIETARY PROTEIN (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3ANIMPROT  
**SAS label:** SHS3 DIETARY ANIMAL PROTEIN (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3VEGPROT  
**SAS label:** SHS3 DIETARY VEGETABLE PROTEIN (gm)  
**Note:** Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3ALCOHOL  
**SAS label:** SHS3 DIETARY ALCOHOL (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3CHOLEST  
**SAS label:** SHS3 DIETARY CHOLESTEROL (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3TSFA  
**SAS label:** SHS3 TOTAL SATURATED FATTY ACID (SFA) (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3TMFA  
**SAS label:** SHS3 TOTAL MONOUNSATURATED FATTY ACID (MUFA) (gm)  
**Note:** Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3TPFA  
**SAS label:** SHS3 TOTAL POLYUNSATURATED FATTY ACID (PUFA) (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3FRUCTOSE  
**SAS label:** SHS3 DIETARY FRUCTOSE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3GALACTOSE  
**SAS label:** SHS3 DIETARY GALACTOSE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3GLUCOSE  
**SAS label:** SHS3 DIETARY GLUCOSE (gm)  
**Note:** Nutrient data generated from food diary

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Variable name: **S3LACTOSE**  
SAS label: **SHS3 DIETARY LACTOSE (gm)**  
Note: Nutrient data generated from food diary

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Variable name: **S3SUCROSE**  
SAS label: **SHS3 DIETARY SUCROSE (gm)**  
Note: Nutrient data generated from food diary

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Variable name: **S3STARCH**  
SAS label: **SHS3 DIETARY STARCH (gm)**  
Note: Nutrient data generated from food diary

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Variable name: **S3FIBER**  
SAS label: **SHS3 TOTAL DIETARY FIBER (gm)**  
Note: Nutrient data generated from food diary

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Nutritional Data

**Variable name:** S3SOLUFIB  
**SAS label:** SHS3 WATER SOLUBLE DIETARY FIBER (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3INSFIBER  
**SAS label:** SHS3 INSOLUBLE DIETARY FIBER (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PECTINS  
**SAS label:** SHS3 DIETARY PECTINS (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3VITAA  
**SAS label:** SHS3 DIETARY TOTAL VITAMIN A (mcg RE)  
**Note:** Nutrient data generated from food diary

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Nutritional Data

Variable name: S3RETINOL
SAS label: SHS3 DIETARY RETINOL (mcg)
Note: Nutrient data generated from food diary

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Variable name: S3VITAD
SAS label: SHS3 DIETARY VITAMIN D (mcg)
Note: Nutrient data generated from food diary

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Variable name: S3VITAE
SAS label: SHS3 TOTAL VITAMIN E ACTIVITY (mg)
Note: Nutrient data generated from food diary

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Variable name: S3ALPHATOC
SAS label: SHS3 DIETARY ALPHA-TOCOPHEROL (mg)
Note: Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3BETATOC  
**SAS label:** SHS3 DIETARY BETA-TOCOPHEROL (mg)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3GAMMATOC  
**SAS label:** SHS3 DIETARY GAMMA-TOCOPHEROL (mg)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3DELTATOC  
**SAS label:** SHS3 DIETARY DELTA-TOCOPHEROL (mg)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3VITAC  
**SAS label:** SHS3 DIETARY VITAMIN C (mg)  
**Note:** Nutrient data generated from food diary

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Variable name: S3THIAMIN  
SAS label: SHS3 DIETARY THIAMIN (mg)  
Note: Nutrient data generated from food diary

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Variable name: S3RIBOFLAV  
SAS label: SHS3 DIETARY RIBOFLAVIN (mg)  
Note: Nutrient data generated from food diary

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Variable name: S3NIACIN  
SAS label: SHS3 DIETARY NIACIN (mg)  
Note: Nutrient data generated from food diary

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Variable name: S3PANTOTHE  
SAS label: SHS3 DIETARY PANTOTHENIC ACID (mg)  
Note: Nutrient data generated from food diary

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| Variable name: | S3B6 |
| SAS label:     | SHS3 DIETARY VITAMIN B6 (mg) |
| Note:          | Nutrient data generated from food diary |

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| Variable name: | S3FOL |
| SAS label:     | SHS3 DIETARY FOLACIN (mcg) |
| Note:          | Nutrient data generated from food diary |

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| Variable name: | S3B12 |
| SAS label:     | SHS3 DIETARY VITAMIN B12 (mcg) |
| Note:          | Nutrient data generated from food diary |

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| Variable name: | S3CALCIUM |
| SAS label:     | SHS3 DIETARY CALCIUM (mg) |
| Note:          | Nutrient data generated from food diary |

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**Variable name:** S3COPPER  
**SAS label:** SHS3 DIETARY COPPER (mg)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3SELENIUM  
**SAS label:** SHS3 DIETARY SELENIUM (mcg)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3SODIUM  
**SAS label:** SHS3 DIETARY SODIUM (mg)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3POTASSIUM  
**SAS label:** SHS3 DIETARY POTASSIUM (mg)  
**Note:** Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3SFA4  
**SAS label:** SHS3 DIETARY SFA - BUTYRIC ACID (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3SFA6  
**SAS label:** SHS3 DIETARY SFA - CAPROIC ACID (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3SFA8  
**SAS label:** SHS3 DIETARY SFA - CAPRYLIC ACID (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3SFA10  
**SAS label:** SHS3 DIETARY SFA - CAPRIC ACID (gm)  
**Note:** Nutrient data generated from food diary

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Nutritional Data

Variable name: S3SFA12
SAS label: SHS3 DIETARY SFA - LAURIC ACID (gm)
Note: Nutrient data generated from food diary

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Variable name: S3SFA14
SAS label: SHS3 DIETARY SFA - MYRISTIC ACID (gm)
Note: Nutrient data generated from food diary

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Variable name: S3SFA16
SAS label: SHS3 DIETARY SFA - PALMITIC ACID (gm)
Note: Nutrient data generated from food diary

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Variable name: S3SFA17
SAS label: SHS3 DIETARY SFA - MARGARIC ACID (gm)
Note: Nutrient data generated from food diary

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Variable name: S3SFA18  
SAS label: SHS3 DIETARY SFA - STEARIC ACID (gm)  
Note: Nutrient data generated from food diary

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Variable name: S3SFA20  
SAS label: SHS3 DIETARY SFA - ARACHIDIC ACID (gm)  
Note: Nutrient data generated from food diary

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Variable name: S3SFA22  
SAS label: SHS3 DIETARY SFA - BEHENIC ACID (gm)  
Note: Nutrient data generated from food diary

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Variable name: S3MFA141  
SAS label: SHS3 DIETARY MUFA - MYRISTOLEIC ACID (gm)  
Note: Nutrient data generated from food diary

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Nutritional Data

**Variable name:** S3PFA182  
**SAS label:** SHS3 PUFA - LINOLEIC ACID (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PFA183  
**SAS label:** SHS3 PUFA - LINOLENIC ACID (w-3) (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PFA184  
**SAS label:** SHS3 PUFA - PARINARIC ACID (w-3) (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PFA204  
**SAS label:** SHS3 PUFA - ARACHIDONIC ACID (gm)  
**Note:** Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3PFA205  
**SAS label:** SHS3 PUFA - EICOSAPENTAENOIC ACID(w-3)(gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PFA225  
**SAS label:** SHS3 PUFA - DOCOSAPENTAENOIC ACID(w-3)(gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PFA226  
**SAS label:** SHS3 PUFA - DOCOSAHEXAENOIC ACID(w-3)(gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PFA_SFA  
**SAS label:** SHS3 TOTAL PUFA TO TOTAL SFA RATIO  
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Nutritional Data

**Variable name:** S3CHOL_SFA  
**SAS label:** SHS3 CHOLESTEROL TO SFA INDEX  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3TRYPTOPH  
**SAS label:** SHS3 DIETARY TRYPTOPHAN (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3THREONINE  
**SAS label:** SHS3 DIETARY THREONINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3ISOLEUCINE  
**SAS label:** SHS3 DIETARY ISOLEUCINE (gm)  
**Note:** Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3LEUCINE  
**SAS label:** SHS3 DIETARY LEUCINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3LYSINE  
**SAS label:** SHS3 DIETARY LYSINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3METHIONINE  
**SAS label:** SHS3 DIETARY METHIONINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3CYSTINE  
**SAS label:** SHS3 DIETARY CYSTINE (gm)  
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### Nutritional Data

**Variable name:** S3PHENYLAL
**SAS label:** SHS3 DIETARY PHENYLALANINE (gm)
**Note:** Nutrient data generated from food diary

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**Variable name:** S3TYROSINE
**SAS label:** SHS3 DIETARY TYROSINE (gm)
**Note:** Nutrient data generated from food diary

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**Variable name:** S3VALINE
**SAS label:** SHS3 DIETARY VALINE (gm)
**Note:** Nutrient data generated from food diary

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**Variable name:** S3ARGININE
**SAS label:** SHS3 DIETARY ARGININE (gm)
**Note:** Nutrient data generated from food diary

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Nutritional Data

**Variable name:** S3HISTIDINE  
**SAS label:** SHS3 DIETARY HISTIDINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3ALANINE  
**SAS label:** SHS3 DIETARY ALANINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3ASPARTIC  
**SAS label:** SHS3 DIETARY ASPARTIC ACID (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3GLUTAMIC  
**SAS label:** SHS3 DIETARY GLUTAMMIC ACID (gm)  
**Note:** Nutrient data generated from food diary

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**Nutritional Data**

**Variable name:** S3GLYCINE  
**SAS label:** SHS3 DIETARY GLYCINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PROLINE  
**SAS label:** SHS3 DIETARY PROLINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3SERINE  
**SAS label:** SHS3 DIETARY SERINE (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3ASPARTAME  
**SAS label:** SHS3 DIETARY ASPARTAME (mg)  
**Note:** Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3SACCHARIN  
**SAS label:** SHS3 DIETARY SACCHARIN (mg)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3CAFFEINE  
**SAS label:** SHS3 DIETARY CAFFEINE (mg)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3ASH  
**SAS label:** SHS3 DIETARY ASH (gm)  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3WATER  
**SAS label:** SHS3 DIETARY WATER (gm)  
**Note:** Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3PFAT  
**SAS label:** SHS3 DIETARY % CALORIES FROM FAT  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PCARB  
**SAS label:** SHS3 DIETARY % CALORIES FROM CARBOHYDRATES  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PPROT  
**SAS label:** SHS3 DIETARY % CALORIES FROM PROTEIN  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PALCOHOL  
**SAS label:** SHS3 DIETARY % CALORIES FROM ALCOHOL  
**Note:** Nutrient data generated from food diary

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### Nutritional Data

**Variable name:** S3PSFA  
**SAS label:** SHS3 DIETARY % CALORIES FROM SFA  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PMFA  
**SAS label:** SHS3 DIETARY % CALORIES FROM MUFA  
**Note:** Nutrient data generated from food diary

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**Variable name:** S3PPFA  
**SAS label:** SHS3 DIETARY % CALORIES FROM PUFA  
**Note:** Nutrient data generated from food diary

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

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Modifiable Activity Questionnaire I

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

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Variable name: FAMID
SAS label: SHS FAMILY ID NUMBER
Question: SHS Family I.D.
Note: None

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Variable name: ACTF_1
SAS label: JOGGING
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Jogging (outdoor, treadmill)
Note: None

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</table>
**Variable name:** ACTF_2  
**SAS label:** SWIMMING  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Swimming (laps, snorkeling)  
**Note:** None

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**Variable name:** ACTF_3  
**SAS label:** BICYCLING  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Bicycling (stationary, outdoor)  
**Note:** None

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**Variable name:** ACTF_4  
**SAS label:** SOFTBALL  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Softball/Baseball  
**Note:** None

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### Modifiable Activity Questionnaire I

**Variable name:** ACTF_5  
**SAS label:** CANOEING  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Canoeing/Rowing/Kayaking  
**Note:** None

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**Variable name:** ACTF_6  
**SAS label:** SNOW SKIING  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Snow skiing (Nordic, X-country, dnhill)  
**Note:** None

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**Variable name:** ACTF_7  
**SAS label:** WEIGHT TRAINING  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Strength/Weight training  
**Note:** None

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Variable name: ACTF_8
SAS label: SKATING
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Skating (roller, ice, blading)
Note: None

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Variable name: ACTF_9
SAS label: MARITAL ARTS
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Martial Arts (karate, judo, etc)
Note: None

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Variable name: ACTF_10
SAS label: CALISTHENICS
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Calisthenics/Toning exercises
Note: None

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Variable name: ACTF_11
SAS label: CHOPPING WOOD
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Wood chopping
Note: None

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Variable name: ACTF_12
SAS label: WALKING FOR EXERCISE
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Walking for exercise (outdoor, indoor at mall or fitness center/treadmill)
Note: None

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Variable name: ACTF_13
SAS label: FOOTBALL
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Football/Soccer
Note: None

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Variable name: ACTF_14  
SAS label: RACQUETBALL  
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Racquetball/Handball/Squash  
Note: None

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Variable name: ACTF_15  
SAS label: HORSEBACK RIDING  
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Horseback riding  
Note: None

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Variable name: ACTF_16  
SAS label: HUNTING  
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Hunting  
Note: None

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Variable name: ACTF_17
SAS label: FISHING
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Fishing
Note: None

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Variable name: ACTF_18
SAS label: AEROBICS
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Aerobic Dance/Step aerobic
Note: None

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Variable name: ACTF_19
SAS label: WATER AEROBICS
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Water aerobics
Note: None

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Modifiable Activity Questionnaire I

**Variable name:** ACTF_20  
**SAS label:** DANCING (INDIAN)  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Dancing (Indian)  
**Note:** None

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**Variable name:** ACTF_21  
**SAS label:** DANCING (SQUARE, LINE, BALLROOM)  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Dancing (square, line, ballroom)  
**Note:** None

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**Variable name:** ACTF_22  
**SAS label:** GARDENING  
**Question:** Q1: Please check all activities listed below that you have done more than 10 times in the past year: Gardening/Yardwork  
**Note:** None

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Modifiable Activity Questionnaire

Variable name: ACTF_23
SAS label: BADMINTON
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Badminton
Note: None

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Variable name: ACTF_24
SAS label: WATERHAULING
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Water/coal hauling
Note: None

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Variable name: ACTF_25
SAS label: STAIR MASTER
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Stair Master
Note: None

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Variable name: ACTF_26
SAS label: HIKING
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Hiking
Note: None

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Variable name: ACTF_27
SAS label: TENNIS
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Tennis
Note: None

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Variable name: ACTF_28
SAS label: GOLF
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Golf
Note: None

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### Variable name: ACTF_29
#### SAS label: VOLLEYBALL
#### Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Volleyball
#### Note: None

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### Variable name: ACTF_30
#### SAS label: JUMP ROPE
#### Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Jump rope
#### Note: None

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### Variable name: ACTF_31
#### SAS label: BOWLING
#### Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Bowling
#### Note: None

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Variable name: ACTF_32  
SAS label: SNOWSHOEING  
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Snowshoeing  
Note: None

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Variable name: ACTF_33  
SAS label: YOGA  
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Yoga  
Note: None

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Variable name: ACTF_34  
SAS label: RODEO  
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Rodeo  
Note: None

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Modifiable Activity Questionnaire I

Variable name: ACTF_35  
SAS label: ROCK CLIMBING  
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Rock climbing  
Note: None

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Variable name: ACTF_36  
SAS label: BASKETBALL  
Question: Q1: Please check all activities listed below that you have done more than 10 times in the past year: Basketball  
Note: None

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For each activity you checked above, check the months during which you participated in those activities over the past year (12 months), then estimate the average amount of time you spent in each activity.
Variable name: ACTF_37
SAS label: ACTIVITY #1
Question: Activity 1
Note: None

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<td>Jogging (outdoor, treadmill)</td>
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<tr>
<td>2</td>
<td>Swimming (laps, snorkeling)</td>
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<td>3</td>
<td>Bicycling (stationary, outdoor)</td>
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<td>4</td>
<td>Softball/Baseball</td>
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<td>5</td>
<td>Canoeing/Rowing/Kayaking</td>
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<td>6</td>
<td>Snow skiing (Nordic, X-country, downhill)</td>
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<td>7</td>
<td>Strength/Weight training</td>
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<td>Skating (roller, ice, blading)</td>
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**Variable name:** ACTF_38  
**SAS label:** ACTIVITY #1 - JAN  
**Question:** Activity 1 in January  
**Note:** None

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Modifiable Activity Questionnaire I

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**SAS label:** ACTIVITY #1 - MAY  
**Question:** Activity 1 in May  
**Note:** None

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**Variable name:** ACTF_43  
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**Question:** Activity 1 in June  
**Note:** None

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**Variable name:** ACTF_44  
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**Question:** Activity 1 in July  
**Note:** None

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**Variable name:** ACTF_45  
**SAS label:** ACTIVITY #1 - AUG  
**Question:** Activity 1 in August  
**Note:** None

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**Variable name:** ACTF_46  
**SAS label:** ACTIVITY #1 - SEP  
**Question:** Activity 1 in September  
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### ACTF_47
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**SAS label:** ACTIVITY #1 - OCT  
**Question:** Activity 1 in October  
**Note:** None

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### Variable name: ACTF_48
**SAS label:** ACTIVITY #1 - NOV  
**Question:** Activity 1 in November  
**Note:** None

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### Variable name: ACTF_49
**SAS label:** ACTIVITY #1 - DEC  
**Question:** Activity 1 in December  
**Note:** None

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### Variable name: ACTF_50
**SAS label:** AVG TIMES/MONTH #1  
**Question:** Activity 1 average of times per month  
**Note:** None

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Variable name: ACTF_51  
SAS label: AVG TIME (IN MINUTES) #1  
Question: Activity 1 average of minutes each time  
Note: None

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Variable name: ACTF_52  
SAS label: ACTIVITY #2   
Question: Activity 2  
Note: None

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<td>Canoeing/Rowing/Kayaking</td>
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<td>Snow skiing (Nordic, X-country, downhill)</td>
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Variable name: ACTF_53  
SAS label: ACTIVITY #2 - JAN  
Question: Activity 2 in January  
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### Variable name: ACTF_54
SAS label: ACTIVITY #2 - FEB
Question: Activity 2 in February
Note: None

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### Variable name: ACTF_55
SAS label: ACTIVITY #2 - MAR
Question: Activity 2 in March
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### Variable name: ACTF_56
SAS label: ACTIVITY #2 - APR
Question: Activity 2 in April
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**Question:** Activity 2 in May  
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### Variable name: ACTF_58
**SAS label:** ACTIVITY #2 - JUN  
**Question:** Activity 2 in June  
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### Variable name: ACTF_59
**SAS label:** ACTIVITY #2 - JUL  
**Question:** Activity 2 in July  
**Note:** None

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### Variable name: ACTF_60
### SAS label: ACTIVITY #2 - AUG
### Question: Activity 2 in August
### Note: None

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### Variable name: ACTF_61
### SAS label: ACTIVITY #2 - SEP
### Question: Activity 2 in September
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### Variable name: ACTF_62
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### Question: Activity 2 in October
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### Variable name: ACTF_63
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**Question:** Activity 2 in November  
**Note:** None

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### Variable name: ACTF_64
**SAS label:** ACTIVITY #2 - DEC  
**Question:** Activity 2 in December  
**Note:** None

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### Variable name: ACTF_65
**SAS label:** AVG TIMES/MONTH #2  
**Question:** Activity 2 average of times per month  
**Note:** None

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### Variable name: ACTF_68
- **SAS label:** ACTIVITY #3 - JAN
- **Question:** Activity 3 in January
- **Note:** None

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### Variable name: ACTF_69
- **SAS label:** ACTIVITY #3 - FEB
- **Question:** Activity 3 in February
- **Note:** None

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### Variable name: ACTF_70
- **SAS label:** ACTIVITY #3 - MAR
- **Question:** Activity 3 in March
- **Note:** None

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**Variable name:** ACTF_71  
**SAS label:** ACTIVITY #3 - APR  
**Question:** Activity 3 in April  
**Note:** None

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**Variable name:** ACTF_72  
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**Question:** Activity 3 in May  
**Note:** None

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**Variable name:** ACTF_73  
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**Question:** Activity 3 in June  
**Note:** None

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### Variable name: ACTF_74
**SAS label:** ACTIVITY #3 - JUL
**Question:** Activity 3 in July
**Note:** None

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### Variable name: ACTF_75
**SAS label:** ACTIVITY #3 - AUG
**Question:** Activity 3 in August
**Note:** None

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### Variable name: ACTF_76
**SAS label:** ACTIVITY #3 - SEP
**Question:** Activity 3 in September
**Note:** None

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Variable name: ACTF_77
SAS label: ACTIVITY #3 - OCT
Question: Activity 3 in October
Note: None

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Variable name: ACTF_78
SAS label: ACTIVITY #3 - NOV
Question: Activity 3 in November
Note: None

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Variable name: ACTF_79
SAS label: ACTIVITY #3 - DEC
Question: Activity 3 in December
Note: None

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### Modifiable Activity Questionnaire I

**Variable name:** ACTF_80  
**SAS label:** AVG TIMES/MONTH #3  
**Question:** Activity 3 average of times per month  
**Note:** None

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**Variable name:** ACTF_81  
**SAS label:** AVG TIME (IN MINUTES) #3  
**Question:** Activity 3 average of minutes each time  
**Note:** None

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**Variable name:** ACTF_82  
**SAS label:** ACTIVITY #4  
**Question:** Activity 4  
**Note:** None

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Variable name: ACTF_84  
SAS label: ACTIVITY #4 - FEB  
Question: Activity 4 in February  
Note: None

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Variable name: ACTF_85  
SAS label: ACTIVITY #4 - MAR  
Question: Activity 4 in March  
Note: None

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### Variable name: ACTF_86
**SAS label**: ACTIVITY #4 - APR
**Question**: Activity 4 in April
**Note**: None

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### Variable name: ACTF_87
**SAS label**: ACTIVITY #4 - MAY
**Question**: Activity 4 in May
**Note**: None

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### Variable name: ACTF_88
**SAS label**: ACTIVITY #4 - JUN
**Question**: Activity 4 in June
**Note**: None

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#### Question: Activity 4 in July
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### Variable name: ACTF_90
#### SAS label: ACTIVITY #4 - AUG
#### Question: Activity 4 in August
#### Note: None

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### Variable name: ACTF_91
#### SAS label: ACTIVITY #4 - SEP
#### Question: Activity 4 in September
#### Note: None

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### Modifiable Activity Questionnaire I

**Variable name:** ACTF_92  
**SAS label:** ACTIVITY #4 - OCT  
**Question:** Activity 4 in October  
**Note:** None

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**Variable name:** ACTF_93  
**SAS label:** ACTIVITY #4 - NOV  
**Question:** Activity 4 in November  
**Note:** None

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**Variable name:** ACTF_94  
**SAS label:** ACTIVITY #4 - DEC  
**Question:** Activity 4 in December  
**Note:** None

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### Variable name: ACTF_98
**SAS label:** ACTIVITY #5 - JAN
**Question:** Activity 5 in January
**Note:** None

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### Variable name: ACTF_99
**SAS label:** ACTIVITY #5 - FEB
**Question:** Activity 5 in February
**Note:** None

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### Variable name: ACTF_100
**SAS label:** ACTIVITY #5 - MAR
**Question:** Activity 5 in March
**Note:** None

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Variable name: ACTF_101  
SAS label: ACTIVITY #5 - APR  
Question: Activity 5 in April  
Note: None

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Variable name: ACTF_102  
SAS label: ACTIVITY #5 - MAY  
Question: Activity 5 in May  
Note: None

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Variable name: ACTF_103  
SAS label: ACTIVITY #5 - JUN  
Question: Activity 5 in June  
Note: None

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### ACTF_104
**SAS label:** ACTIVITY #5 - JUL
**Question:** Activity 5 in July
**Note:** None

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### ACTF_105
**SAS label:** ACTIVITY #5 - AUG
**Question:** Activity 5 in August
**Note:** None

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### ACTF_106
**SAS label:** ACTIVITY #5 - SEP
**Question:** Activity 5 in September
**Note:** None

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Variable name: ACTF_110
SAS label: AVG TIMES/MONTH #5
Question: Activity 5 average of times per month
Note: None

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Variable name: ACTF_113  
SAS label: ACTIVITY #6 - JAN  
Question: Activity 6 in January  
Note: None

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Variable name: ACTF_114  
SAS label: ACTIVITY #6 - FEB  
Question: Activity 6 in February  
Note: None

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Variable name: ACTF_115  
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Question: Activity 6 in March  
Note: None

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### Variable name: ACTF_116
**SAS label:** ACTIVITY #6 - APR  
**Question:** Activity 6 in April  
**Note:** None

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### Variable name: ACTF_117
**SAS label:** ACTIVITY #6 - MAY  
**Question:** Activity 6 in May  
**Note:** None

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### Variable name: ACTF_118
**SAS label:** ACTIVITY #6 - JUN  
**Question:** Activity 6 in June  
**Note:** None

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## Modifiable Activity Questionnaire

### Variable name: ACTF_119
- **SAS label**: ACTIVITY #6 - JUL
- **Question**: Activity 6 in July
- **Note**: None

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### Variable name: ACTF_120
- **SAS label**: ACTIVITY #6 - AUG
- **Question**: Activity 6 in August
- **Note**: None

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### Variable name: ACTF_121
- **SAS label**: ACTIVITY #6 - SEP
- **Question**: Activity 6 in September
- **Note**: None

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Variable name: ACTF_122  
SAS label: ACTIVITY #6 - OCT  
Question: Activity 6 in October  
Note: None

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Variable name: ACTF_123  
SAS label: ACTIVITY #6 - NOV  
Question: Activity 6 in November  
Note: None

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Variable name: ACTF_124  
SAS label: ACTIVITY #6 - DEC  
Question: Activity 6 in December  
Note: None

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### Modifiable Activity Questionnaire I

**Variable name:** ACTF_125  
**SAS label:** AVG TIMES/MONTH #6  
**Question:** Activity 6 average of times per month  
**Note:** None

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**Variable name:** ACTF_126  
**SAS label:** AVG TIME (IN MINUTES) #6  
**Question:** Activity 6 average of minutes each time  
**Note:** None

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**Variable name:** ACTF_127  
**SAS label:** ACTIVITY #7  
**Question:** Activity 7  
**Note:** None

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Variable name: ACTF_128
SAS label: ACTIVITY #7 - JAN
Question: Activity 7 in January
Note: None

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Variable name: ACTF_129
SAS label: ACTIVITY #7 - FEB
Question: Activity 7 in February
Note: None

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Variable name: ACTF_130
SAS label: ACTIVITY #7 - MAR
Question: Activity 7 in March
Note: None

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Variable name: ACTF_132  
SAS label: ACTIVITY #7 - MAY  
Question: Activity 7 in May  
Note: None

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Variable name: ACTF_133  
SAS label: ACTIVITY #7 - JUN  
Question: Activity 7 in June  
Note: None

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### Modifiable Activity Questionnaire 1

**Variable name:** ACTF_134  
**SAS label:** ACTIVITY #7 - JUL  
**Question:** Activity 7 in July  
**Note:** None

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**Variable name:** ACTF_135  
**SAS label:** ACTIVITY #7 - AUG  
**Question:** Activity 7 in August  
**Note:** None

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**Variable name:** ACTF_136  
**SAS label:** ACTIVITY #7 - SEP  
**Question:** Activity 7 in September  
**Note:** None

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### Variable name: ACTF_137
- **SAS label:** ACTIVITY #7 - OCT
- **Question:** Activity 7 in October
- **Note:** None

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### Variable name: ACTF_138
- **SAS label:** ACTIVITY #7 - NOV
- **Question:** Activity 7 in November
- **Note:** None

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### Variable name: ACTF_139
- **SAS label:** ACTIVITY #7 - DEC
- **Question:** Activity 7 in December
- **Note:** None

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## Modifiable Activity Questionnaire I

**Variable name:** ACTF_140  
**SAS label:** AVG TIMES/MONTH #7  
**Question:** Activity 7 average of times per month  
**Note:** None

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**Variable name:** ACTF_141  
**SAS label:** AVG TIME (IN MINUTES) #7  
**Question:** Activity 7 average of minutes each time  
**Note:** None

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**Variable name:** ACTF_142  
**SAS label:** ACTIVITY #8  
**Question:** Activity 8  
**Note:** None

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### Variable name: ACTF_143
**SAS label:** ACTIVITY #8 - JAN
**Question:** Activity 8 in January
**Note:** None

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### Variable name: ACTF_144
**SAS label:** ACTIVITY #8 - FEB
**Question:** Activity 8 in February
**Note:** None

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### Variable name: ACTF_145
**SAS label:** ACTIVITY #8 - MAR
**Question:** Activity 8 in March
**Note:** None

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### Variable name: ACTF_146
#### SAS label: ACTIVITY #8 - APR
#### Question: Activity 8 in April
#### Note: None

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### Variable name: ACTF_147
#### SAS label: ACTIVITY #8 - MAY
#### Question: Activity 8 in May
#### Note: None

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### Variable name: ACTF_148
#### SAS label: ACTIVITY #8 - JUN
#### Question: Activity 8 in June
#### Note: None

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### Variable name: ACTF_149
**SAS label:** ACTIVITY #8 - JUL
**Question:** Activity 8 in July
**Note:** None

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### Variable name: ACTF_150
**SAS label:** ACTIVITY #8 - AUG
**Question:** Activity 8 in August
**Note:** None

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### Variable name: ACTF_151
**SAS label:** ACTIVITY #8 - SEP
**Question:** Activity 8 in September
**Note:** None

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**Variable name:** ACTF_152  
**SAS label:** ACTIVITY #8 - OCT  
**Question:** Activity 8 in October  
**Note:** None

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**Variable name:** ACTF_153  
**SAS label:** ACTIVITY #8 - NOV  
**Question:** Activity 8 in November  
**Note:** None

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**Variable name:** ACTF_154  
**SAS label:** ACTIVITY #8 - DEC  
**Question:** Activity 8 in December  
**Note:** None

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Modifiable Activity Questionnaire I

Variable name: ACTF_155
SAS label: AVG TIMES/MONTH #8
Question: Activity 8 average of times per month
Note: None

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Variable name: ACTF_156
SAS label: AVG TIME (IN MINUTES) #8
Question: Activity 8 average of minutes each time
Note: None

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Variable name: ACTF_157
SAS label: ACTIVITY #9
Question: Activity 9
Note: None

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<td>Walking for exercise (outdoor, indoor at mall or fitness center/treadmill)</td>
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**Variable name:** ACTF_158  
**SAS label:** ACTIVITY #9 - JAN  
**Question:** Activity 9 in January  
**Note:** None  

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**Variable name:** ACTF_159  
**SAS label:** ACTIVITY #9 - FEB  
**Question:** Activity 9 in February  
**Note:** None  

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**Variable name:** ACTF_160  
**SAS label:** ACTIVITY #9 - MAR  
**Question:** Activity 9 in March  
**Note:** None  

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### Variable name: ACTF_161
SAS label: ACTIVITY #9 - APR
Question: Activity 9 in April
Note: None

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### Variable name: ACTF_162
SAS label: ACTIVITY #9 - MAY
Question: Activity 9 in May
Note: None

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### Variable name: ACTF_163
SAS label: ACTIVITY #9 - JUN
Question: Activity 9 in June
Note: None

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### Variable ACTF_164

**SAS label:** ACTIVITY #9 - JUL  
**Question:** Activity 9 in July  
**Note:** None  

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### Variable ACTF_165

**SAS label:** ACTIVITY #9 - AUG  
**Question:** Activity 9 in August  
**Note:** None  

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### Variable ACTF_166

**SAS label:** ACTIVITY #9 - SEP  
**Question:** Activity 9 in September  
**Note:** None  

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Variable name: ACTF_167
SAS label: ACTIVITY #9 - OCT
Question: Activity 9 in October
Note: None

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Variable name: ACTF_168
SAS label: ACTIVITY #9 - NOV
Question: Activity 9 in November
Note: None

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Variable name: ACTF_169
SAS label: ACTIVITY #9 - DEC
Question: Activity 9 in December
Note: None

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### Modifiable Activity Questionnaire I

**Variable name:** ACTF_170  
**SAS label:** AVG TIMES/MONTH #9  
**Question:** Activity 9 average of times per month  
**Note:** None

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**Variable name:** ACTF_171  
**SAS label:** AVG TIME (IN MINUTES) #9  
**Question:** Activity 9 average of minutes each time  
**Note:** None

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**Variable name:** ACTF_172  
**SAS label:** ACTIVITY #10  
**Question:** Activity 10  
**Note:** None

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<td>2</td>
<td>Swimming (laps, snorkeling)</td>
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<td>3</td>
<td>Bicycling (stationary, outdoor)</td>
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<td>4</td>
<td>Softball/Baseball</td>
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<td>5</td>
<td>Canoeing/Rowing/Kayaking</td>
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<td>6</td>
<td>Snow skiing (Nordic, X-country, downhill)</td>
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<td>7</td>
<td>Strength/Weight training</td>
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<td>8</td>
<td>Skating (roller, ice, blading)</td>
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<td>9</td>
<td>Martial Arts (karate, judo, etc.)</td>
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<td>11</td>
<td>Wood chopping</td>
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<td>12</td>
<td>Walking for exercise (outdoor, indoor at mall or fitness center/treadmill)</td>
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<td>13</td>
<td>Football/Soccer</td>
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<td>Racquetball/Handball/Squash</td>
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<td>Dancing (square, line, ballroom)</td>
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Variable name: ACTF_173  
SAS label: ACTIVITY #10 - JAN  
Question: Activity 10 in January  
Note: None

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Variable name: ACTF_174  
SAS label: ACTIVITY #10 - FEB  
Question: Activity 10 in February  
Note: None

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Variable name: ACTF_175  
SAS label: ACTIVITY #10 - MAR  
Question: Activity 10 in March  
Note: None

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### Variable name: ACTF_176
SAS label: ACTIVITY #10 - APR
Question: Activity 10 in April
Note: None

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### Variable name: ACTF_177
SAS label: ACTIVITY #10 - MAY
Question: Activity 10 in May
Note: None

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### Variable name: ACTF_178
SAS label: ACTIVITY #10 - JUN
Question: Activity 10 in June
Note: None

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Variable name: ACTF_179  
SAS label: ACTIVITY #10 - JUL  
Question: Activity 10 in July  
Note: None

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Variable name: ACTF_180  
SAS label: ACTIVITY #10 - AUG  
Question: Activity 10 in August  
Note: None

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Variable name: ACTF_181  
SAS label: ACTIVITY #10 - SEP  
Question: Activity 10 in September  
Note: None

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Variable name: ACTF_182  
SAS label: ACTIVITY #10 - OCT  
Question: Activity 10 in October  
Note: None

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Variable name: ACTF_183  
SAS label: ACTIVITY #10 - NOV  
Question: Activity 10 in November  
Note: None

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Variable name: ACTF_184  
SAS label: ACTIVITY #10 - DEC  
Question: Activity 10 in December  
Note: None

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<td>SAS label:</td>
<td>AVG TIMES/MONTH #10</td>
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<tbody>
<tr>
<td>SAS label:</td>
<td>HOURS OF TV/DAY</td>
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<tr>
<td>Question:</td>
<td>Q2: In general, how many HOURS per DAY do you usually spend watching TV?</td>
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</table>
Question: Q3: Over this past year, have you spent more than one week confined to a bed or chair as result of an injury, illness or surgery?

Note: None

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Variable name: ACTF_189
SAS label: IF YES, # WEEKS
Question: Q3: If Yes, how many weeks over this past year were you confined to a bed or chair?

Note: None

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Variable name: ACTF_190
SAS label: DIFFICULTY - BED/CHAIR
Question: Q4a: Do you have difficulty doing any of the following activities: getting in or out of a bed or chair?

Note: None

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Variable name: ACTF_191  
SAS label: DIFFICULTY - WALKING SHORT DISTANCES  
Question: Q4b: Do you have difficulty doing any of the following activities: walking across a small room without resting?  
Note: None

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Variable name: ACTF_192  
SAS label: DIFFICULTY - WALKING 10 MIN  
Question: Q4c: Do you have difficulty doing any of the following activities: walking for 10 minutes without resting?  
Note: None

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Variable name: ACTF_193  
SAS label: COMPETITIVE SPORTS?  
Question: Q5: Did you ever compete in an individual or team sport (not including any time spent in sports performed during school physical education classes)?  
Note: None

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### Variable name: ACTF_194
**SAS label:** IF YES, HOW MANY YEARS?
**Question:** Q5: If yes, how many total years did you participate in competitive sports?
**Note:** None

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### ADMINISTRATIVE INFORMATION

**Variable name:** ACT_STAT
**SAS label:** STATUS OF ACTIVITY FORM
**Question:** None
**Note:** None

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

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### Modifiable Activity Questionnaire I

**Variable name:** INT_DATE  
**SAS label:** INTERVIEW DATE  
**Question:** Date (of interview)  
**Note:** None

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

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Modifiable Activity Questionnaire II

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

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Variable name: FAMID
SAS label: SHS FAMILY ID NUMBER
Question: SHS Faimly I.D.
Note: None

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List all jobs that the individual held over the past year, for more than one month. Account for all 12 months of the past year. If unemployment / disabled / retired / homemaker / student during all or part of the past year, list as such and probe for job activities of a normal 8-hour work-day, 5 day work-week.

Variable name: ACTF_225
SAS label: JOB NAME #1
Question: Job Name 1
Note: None

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Variable name: ACTF_226
SAS label: JOB CODE #1
Question: Job Code 1
Note: None

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<td>5</td>
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Variable name: ACTF_227
SAS label: MIN/DAY #1
Question: Job 1 walk/bicycle to/from work minutes/day
Note: None

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Variable name: ACTF_228
SAS label: MOS/YR #1
Question: Average job 1 schedule months/year
Note: None

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### Variable name: ACTF_229
#### SAS label: DAYS/WK #1
#### Question: Average job 1 schedule days/week
#### Note: None

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### Variable name: ACTF_230
#### SAS label: HOURS/DAY #1
#### Question: Average job 1 schedule hours/day
#### Note: None

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### Variable name: ACTF_231
#### SAS label: HOURS/DAY - SITTING #1
#### Question: Job 1 hours spent sitting at work
#### Note: None

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**Variable name:** ACTF_232  
**SAS label:** LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #1  
**Question:** Job 1 category that best describes job activities when not sitting  
**Note:** None

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**Variable name:** ACTF_233  
**SAS label:** JOB NAME #2  
**Question:** Job Name 2  
**Note:** None

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Variable name: ACTF_234  
SAS label: JOB CODE #2  
Question: Job Code 2  
Note: None

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Variable name: ACTF_235  
SAS label: MIN/DAY #2  
Question: Job 2 walk/bicycle to/from work minutes/day  
Note: None

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Variable name: ACTF_236  
SAS label: MOS/YR #2  
Question: Average job 2 schedule months/year  
Note: None

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### Variable name: ACTF_237
- **SAS label:** DAYS/WK #2
- **Question:** Average job 2 schedule days/week
- **Note:** None

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### Variable name: ACTF_238
- **SAS label:** HOURS/DAY #2
- **Question:** Average job 2 schedule hours/day
- **Note:** None

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### Variable name: ACTF_239
- **SAS label:** HOURS/DAY - SITTING #2
- **Question:** Job 2 hours spent sitting at work
- **Note:** None

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**Variable name:** ACTF_240  
**SAS label:** LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #2  
**Question:** Job 2 category that best describes job activities when not sitting  
**Note:** None

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**Variable name:** ACTF_241  
**SAS label:** JOB NAME #3  
**Question:** Job Name 3  
**Note:** None

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Variable name: ACTF_242  
SAS label: JOB CODE #3  
Question: Job Code 3  
Note: None

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Variable name: ACTF_243  
SAS label: MIN/DAY #3  
Question: Job 3 walk/bicycle to/from work minutes/day  
Note: None

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Variable name: ACTF_244  
SAS label: MOS/YR #3  
Question: Average job 3 schedule months/year  
Note: None

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### Variable 1: ACTF_245
- **SAS label**: DAYS/WK #3
- **Question**: Average job 3 schedule days/week
- **Note**: None

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### Variable 2: ACTF_246
- **SAS label**: HOURS/DAY #3
- **Question**: Average job 3 schedule hours/day
- **Note**: None

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### Variable 3: ACTF_247
- **SAS label**: HOURS/DAY - SITTING #3
- **Question**: Job 3 hours spent sitting at work
- **Note**: None

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**Variable name:** ACTF_248  
**SAS label:** LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #3  
**Question:** Job 3 category that best describes job activities when not sitting  
**Note:** None

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**Variable name:** ACTF_249  
**SAS label:** JOB NAME #4  
**Question:** Job Name 4  
**Note:** None

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### Modifiable Activity Questionnaire II

#### Variable name: ACTF_250
- **SAS label:** JOB CODE #4
- **Question:** Job Code 4
- **Note:** None

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#### Variable name: ACTF_251
- **SAS label:** MIN/DAY #4
- **Question:** Job 4 walk/bicycle to/from work minutes/day
- **Note:** None

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#### Variable name: ACTF_252
- **SAS label:** MOS/YR #4
- **Question:** Average job 4 schedule months/year
- **Note:** None

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### Variable name: ACTF_253
**SAS label:** DAYS/WK #4  
**Question:** Average job 4 schedule days/week  
**Note:** None

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### Variable name: ACTF_254
**SAS label:** HOURS/DAY #4  
**Question:** Average job 4 schedule hours/day  
**Note:** None

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### Variable name: ACTF_255
**SAS label:** HOURS/DAY - SITTING #4  
**Question:** Job 4 hours spent sitting at work  
**Note:** None

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Variable name: ACTF_256
SAS label: LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #4
Question: Job 4 category that best describes job activities when not sitting
Note: None

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Variable name: ACTF_257
SAS label: JOB NAME #5
Question: Job Name 5
Note: None

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Variable name: ACTF_258  
SAS label: JOB CODE #5  
Question: Job Code 5  
Note: None

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Variable name: ACTF_259  
SAS label: MIN/DAY #5  
Question: Job 5 walk/bicycle to/from work minutes/day  
Note: None

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Variable name: ACTF_260  
SAS label: MOS/YR #5  
Question: Average job 5 schedule months/year  
Note: None

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Variable name: ACTF_261  
SAS label: DAYS/WK #5  
Question: Average job 5 schedule days/week  
Note: None

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Variable name: ACTF_262  
SAS label: HOURS/DAY #5  
Question: Average job 5 schedule hours/day  
Note: None

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Variable name: ACTF_263  
SAS label: HOURS/DAY - SITTING #5  
Question: Job 5 hours spent sitting at work  
Note: None

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Variable name: ACTF_264
SAS label: LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #5
Question: Job 5 category that best describes job activities when not sitting
Note: None

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Variable name: ACTF_265
SAS label: JOB NAME #6
Question: Job Name 6
Note: None

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### Variable name: ACTF_266
#### SAS label: JOB CODE #6
#### Question: Job Code 6
#### Note: None

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### Variable name: ACTF_267
#### SAS label: MIN/DAY #6
#### Question: Job 6 walk/bicycle to/from work minutes/day
#### Note: None

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### Variable name: ACTF_268
#### SAS label: MOS/YR #6
#### Question: Average job 6 schedule months/year
#### Note: None

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### Variable name: ACTF_269
SAS label: DAYS/WK #6
Question: Average job 6 schedule days/week
Note: None

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### Variable name: ACTF_270
SAS label: HOURS/DAY #6
Question: Average job 6 schedule hours/day
Note: None

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### Variable name: ACTF_271
SAS label: HOURS/DAY - SITTING #6
Question: Job 6 hours spent sitting at work
Note: None

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### Variable name: ACTF_272
**SAS label:** LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #6
**Question:** Job 6 category that best describes job activities when not sitting
**Note:** None

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### Variable name: ACTF_273
**SAS label:** JOB NAME #7
**Question:** Job Name 7
**Note:** None

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### Variable name: ACTF_274
#### SAS label: JOB CODE #7
#### Question: Job Code 7
#### Note: None

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### Variable name: ACTF_275
#### SAS label: MIN/DAY #7
#### Question: Job 7 walk/bicycle to/from work minutes/day
#### Note: None

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### Variable name: ACTF_276
#### SAS label: MOS/YR #7
#### Question: Average job 7 schedule months/year
#### Note: None

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Variable name: ACTF_277  
SAS label: DAYS/WK #7  
Question: Average job 7 schedule days/week  
Note: None  

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Variable name: ACTF_278  
SAS label: HOURS/DAY #7  
Question: Average job 7 schedule hours/day  
Note: None  

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Variable name: ACTF_279  
SAS label: HOURS/DAY - SITTING #7  
Question: Job 7 hours spent sitting at work  
Note: None  

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**Variable name:** ACTF_280  
**SAS label:** LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #7  
**Question:** Job 7 category that best describes job activities when not sitting  
**Note:** None

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**Variable name:** ACTF_281  
**SAS label:** JOB NAME #8  
**Question:** Job Name 8  
**Note:** None

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**Variable name: ACTF_282**  
**SAS label:** JOB CODE #8  
**Question:** Job Code 8  
**Note:** None

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**Variable name: ACTF_283**  
**SAS label:** MIN/DAY #8  
**Question:** Job 8 walk/bicycle to/from work minutes/day  
**Note:** None

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**Variable name: ACTF_284**  
**SAS label:** MOS/YR #8  
**Question:** Average job 8 schedule months/year  
**Note:** None

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Variable name: ACTF_286
SAS label: HOURS/DAY #8
Question: Average job 8 schedule hours/day
Note: None

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Variable name: ACTF_287
SAS label: HOURS/DAY - SITTING #8
Question: Job 8 hours spent sitting at work
Note: None

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### Variable name: ACTF_288
### SAS label: LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #8
### Question: Job 8 category that best describes job activities when not sitting
### Note: None

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### Variable name: ACTF_289
### SAS label: JOB NAME #9
### Question: Job Name 9
### Note: None

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## Modifiable Activity Questionnaire II

### Variable name: ACTF_290
#### SAS label: JOB CODE #9
#### Question: Job Code 9
#### Note: None

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### Variable name: ACTF_291
#### SAS label: MIN/DAY #9
#### Question: Job 9 walk/bicycle to/from work minutes/day
#### Note: None

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### Variable name: ACTF_292
#### SAS label: MOS/YR #9
#### Question: Average job 9 schedule months/year
#### Note: None

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### Variable name: ACTF_293
- **SAS label:** DAYS/WK #9
- **Question:** Average job 9 schedule days/week
- **Note:** None

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### Variable name: ACTF_294
- **SAS label:** HOURS/DAY #9
- **Question:** Average job 9 schedule hours/day
- **Note:** None

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### Variable name: ACTF_295
- **SAS label:** HOURS/DAY - SITTING #9
- **Question:** Job 9 hours spent sitting at work
- **Note:** None

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Variable name: ACTF_296
SAS label: LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #9
Question: Job 9 category that best describes job activities when not sitting
Note: None

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Variable name: ACTF_297
SAS label: JOB NAME #10
Question: Job Name 10
Note: None

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Variable name: ACTF_298
SAS label: JOB CODE #10
Question: Job Code 10
Note: None

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Variable name: ACTF_299
SAS label: MIN/DAY #10
Question: Job 10 walk/bicycle to/from work minutes/day
Note: None

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Variable name: ACTF_300
SAS label: MOS/YR #10
Question: Average job 10 schedule months/year
Note: None

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### Variable name: ACTF_301
### SAS label: DAYS/WK #10
### Question: Average job 10 schedule days/week
### Note: None

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### Variable name: ACTF_302
### SAS label: HOURS/DAY #10
### Question: Average job 10 schedule hours/day
### Note: None

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### Variable name: ACTF_303
### SAS label: HOURS/DAY - SITTING #10
### Question: Job 10 hours spent sitting at work
### Note: None

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Variable name: ACTF_304
SAS label: LEVEL OF ACTIVITY WHEN NOT SITTING AT WORK #10
Question: Job 10 category that best describes job activities when not sitting
Note: None

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

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### 12-Lead Electrocardiograms

**Variable name:** IDNO  
**SAS label:** ID NUMBER

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**Variable name:** ID  
**SAS label:** ID NUMBER

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**Variable name:** DATETIME  
**SAS label:** DATE/TIME

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**Variable name:** HR3  
**SAS label:** HEART RATE

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### 12-Lead Electrocardiograms

**Variable name:** PR3  
**SAS label:** PR INTERVAL

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**Variable name:** QRSD3  
**SAS label:** QRS DURATION

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**Variable name:** QTC3  
**SAS label:** QTC INTERVAL

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**Variable name:** PAX3  
**SAS label:** P AXIS

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**Variable name:** QRSAX3  
**SAS label:** QRS AXIS

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12-Lead Electrocardiograms

**Variable name:** QT3  
**SAS label:** QT INTERVAL

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**Variable name:** TAX3  
**SAS label:** T WAVE AXIS

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**Variable name:** PDUR3  
**SAS label:** P DURATION

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**Variable name:** PCA23  
**SAS label:** PCA RATIO (PRINCIPLE COMPONENT RATIO)

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**Variable name:** QTE_GLO3  
**SAS label:** Q TO T-END INTERVAL GLOBAL (ALL 12 LEADS)

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### 12-Lead Electrocardiograms

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12-Lead Electrocardiograms

**Variable name:** QD_I3  
**SAS label:** Q WAVE DURATION LEAD I

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**Variable name:** QD_III3  
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**Variable name:** QD_AVL3  
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**Variable name:** QD_V53  
**SAS label:** Q WAVE DURATION LEAD V5

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**Variable name:** QD_V63  
**SAS label:** Q WAVE DURATION LEAD V6

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**Variable name:** BMQAR_I3  
**SAS label:** Q WAVE AREA LEAD I

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**SAS label:** Q WAVE AREA LEAD II

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**Variable name:** BMQAR_V23  
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12-Lead Electrocardiograms

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12-Lead Electrocardiograms

**Variable name:** RD_V43  
**SAS label:** R WAVE DURATION LEAD V4

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**Variable name:** RD_V63  
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**Variable name:** BMRAR_I3  
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**Variable name:** BMRAR_V23  
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12-Lead Electrocardiograms

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### Variable name: SA_V23  
**SAS label:** S WAVE AMPLITUDE LEAD V2

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### Variable name: SA_V43  
**SAS label:** S WAVE AMPLITUDE LEAD V4

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**Variable name:** SA_V53  
**SAS label:** S WAVE AMPLITUDE LEAD V5

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**Variable name:** SA_V63  
**SAS label:** S WAVE AMPLITUDE LEAD V6

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### 12-Lead Electrocardiograms

**Variable name:** PA_AVF3  
**SAS label:** P WAVE AMPLITUDE LEAD AVF

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**SAS label:** P WAVE AMPLITUDE LEAD AVL

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**Variable name:** PA_V13  
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**Variable name:** PA_V23  
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**Variable name:**  PA_V33  
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**Variable name:** PD_V13  
**SAS label:** P WAVE DURATION LEAD V1

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**Variable name:** PD_V23  
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**Variable name:** PD_V43  
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**Variable name:** PD_V53  
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### 12-Lead Electrocardiograms

**Variable name:** PD_V63  
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**Variable name:** BMPAR_I3  
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### Variable name: BMPAR_V53
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### Variable name: BMPAR_V63
**SAS label:** P WAVE AREA LEAD V6

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12-Lead Electrocardiograms

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12-Lead Electrocardiograms

**Variable name:** SD_V23  
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**Variable name:** SD_V33  
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**Variable name:** SD_V43  
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**Variable name:** SD_V53  
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**Variable name:** SD_V63  
**SAS label:** S WAVE DURATION LEAD V6

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Variable name: BMSAR_AVF3  
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#### Variable name: BMSAR_V13  
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#### Variable name: BMSAR_V23  
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### 12-Lead Electrocardiograms

**Variable name:** BMSAR_V53  
**SAS label:** S WAVE AREA LEAD V5

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**Variable name:** BMSAR_V63  
**SAS label:** S WAVE AREA LEAD V6

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**Variable name:** RPA_I3  
**SAS label:** R PRIME AMPLITUDE LEAD I

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**SAS label:** R PRIME AMPLITUDE LEAD II

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12-Lead Electrocardiograms

**Variable name:** RPA_V33  
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**Variable name:** RPA_V63  
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**Variable name:** RPD_I3  
**SAS label:** R PRIME DURATION LEAD I

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### 12-Lead Electrocardiograms

#### Variable name: RPD_II3
**SAS label:** R PRIME DURATION LEAD II

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#### Variable name: RPD_AVR3
**SAS label:** R PRIME DURATION LEAD AVR

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### 12-Lead Electrocardiograms

**Variable name:** RPD_V13  
**SAS label:** R PRIME DURATION LEAD V1

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**Variable name:** RPD_V23  
**SAS label:** R PRIME DURATION LEAD V2

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**SAS label:** R PRIME DURATION LEAD V5

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**SAS label:** R PRIME DURATION LEAD V6

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12-Lead Electrocardiograms

Variable name: BMRPAR_V43  
SAS label: R PRIME AREA LEAD V4

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Variable name: BMRPAR_V63  
SAS label: R PRIME AREA LEAD V6

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12-Lead Electrocardiograms

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### 12-Lead Electrocardiograms

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### 12-Lead Electrocardiograms

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**Variable name:** STM_AVL3  
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12-Lead Electrocardiograms

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**Variable name:** STE_V43  
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### 12-Lead Electrocardiograms

**Variable name:** TA_I3  
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12-Lead Electrocardiograms

**Variable name:** TD_V33  
**SAS label:** T WAVE DURATION LEAD V3

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**Variable name:** TD_V43  
**SAS label:** T WAVE DURATION LEAD V4

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**Variable name:** TD_V53  
**SAS label:** T WAVE DURATION LEAD V5

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**Variable name:** TD_V63  
**SAS label:** T WAVE DURATION LEAD V6

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**Variable name:** BMTAR_I3  
**SAS label:** T WAVE AREA LEAD I

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# 12-Lead Electrocardiograms

### Variable name: BMTAR_II3
### SAS label: T WAVE AREA LEAD II

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### Variable name: BMTAR_III3
### SAS label: T WAVE AREA LEAD III

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### Variable name: BMTAR_AVF3
### SAS label: T WAVE AREA LEAD AVF

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### SAS label: T WAVE AREA LEAD AVL

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### SAS label: T WAVE AREA LEAD AVR

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### 12-Lead Electrocardiograms

#### Variable name: BMTAR_V13
SAS label: T WAVE AREA LEAD V1

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#### Variable name: BMTAR_V23
SAS label: T WAVE AREA LEAD V2

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#### Variable name: BMTAR_V33
SAS label: T WAVE AREA LEAD V3

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SAS label: T WAVE AREA LEAD V4

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#### Variable name: BMTAR_V53
SAS label: T WAVE AREA LEAD V5

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### Variable name: BMTAR_V63  
**SAS label:** T WAVE AREA LEAD V6

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### Variable name: J40_I3  
**SAS label:** ST J+40 LEAD I

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### Variable name: J40_II3  
**SAS label:** ST J+40 LEAD II

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### Variable name: J40_III3  
**SAS label:** ST J+40 LEAD III

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**SAS label:** ST J+40 LEAD AVF

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### 12-Lead Electrocardiograms

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## 12-Lead Electrocardiograms

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SAS label: ST J+40 LEAD V4

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### Variable name: J40_V53  
SAS label: ST J+40 LEAD V5

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### Variable name: J40_V63  
SAS label: ST J+40 LEAD V6

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### Variable name: J60_I3  
SAS label: ST J+60 LEAD I

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SAS label: ST J+60 LEAD II

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### 12-Lead Electrocardiograms

**Variable name:** J60_III3  
**SAS label:** ST J+60 LEAD III

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**Variable name:** J60_AVF3  
**SAS label:** ST J+60 LEAD AVF

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**Variable name:** J60_AVL3  
**SAS label:** ST J+60 LEAD AVL

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**Variable name:** J60_AVR3  
**SAS label:** ST J+60 LEAD AVR

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**Variable name:** J60_V13  
**SAS label:** ST J+60 LEAD V1

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12-Lead Electrocardiograms

**Variable name:** J60_V23  
**SAS label:** ST J+60 LEAD V2

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**Variable name:** J60_V33  
**SAS label:** ST J+60 LEAD V3

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**Variable name:** J60_V43  
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**Variable name:** J60_V53  
**SAS label:** ST J+60 LEAD V5

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**Variable name:** J60_V63  
**SAS label:** ST J+60 LEAD V6

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12-Lead Electrocardiograms

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**SAS label:** ST J+80 LEAD AVR

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**Variable name:** J80_V13  
**SAS label:** ST J+80 LEAD V1

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**Variable name:** J80_V23  
**SAS label:** ST J+80 LEAD V2

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**Variable name:** J80_V33  
**SAS label:** ST J+80 LEAD V3

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**Variable name:** J80_V43  
**SAS label:** ST J+80 LEAD V4

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12-Lead Electrocardiograms

**Variable name:** J80_V53  
**SAS label:** ST J+80 LEAD V5

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**Variable name:** J80_V63  
**SAS label:** ST J+80 LEAD V6

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**Variable name:** CENTER  
**SAS label:** SHS SITE

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### Carotid Arteries

**Variable name:** IDNO  
**SAS label:** ID NUMBER

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**Variable name:** SHSNUM3  
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**Variable name:** FAMSTAT  
**SAS label:** FAMILY STATUS

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**SAS label:** STUDY DATE

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**Variable name:** LEFTDD3  
**SAS label:** LEFT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)

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**Variable name:** LEFTIMT3  
**SAS label:** LEFT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)

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**Variable name:** LEFTSD3  
**SAS label:** LEFT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)

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**Variable name:** RIGHTDD3  
**SAS label:** RIGHT COMMON CAROTID ARTERY DIASTOLIC DIAMETER (MM)

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### Carotid Arteries

**Variable name:** RIGHTIM3  
**SAS label:** RIGHT COMMON CAROTID ARTERY INTIMAL-MEDIAL THICKNESS (MM)

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**Variable name:** RIGHTSD3  
**SAS label:** RIGHT COMMON CAROTID ARTERY SYSTOLIC DIAMETER (MM)

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**Variable name:** ATH_L3  
**SAS label:** LEFT ATHEROSCLEROSIS SCORE

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**Variable name:** ATH_R3  
**SAS label:** RIGHT ATHEROSCLEROSIS SCORE

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**Variable name:** ATH_MAX3  
**SAS label:** MAXIMUM ATHEROSCLEROSIS SCORE

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### Carotid Arteries

**Variable name:** AHER3  
**SAS label:** PRESENCE OR ABSENCE OF PLAQUE

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**Variable name:** EFFSEG3  
**SAS label:** CAROTID ATHEROSCLEROSIS SCORE

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**Variable name:** AODBP3  
**SAS label:** CENTRAL DIASTOLIC BP FROM APPLANATION TONOMETRY

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**Variable name:** AOSBP3  
**SAS label:** CENTRAL SYSTOLIC BP FROM APPLANATION TONOMETRY

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### Carotid Arteries

**Variable name:** AI3  
**SAS label:** AUGMENTATION INDEX (%)  

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**Variable name:** AI23  
**SAS label:** AI2=P1/P2  

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**Variable name:** CENTER  
**SAS label:** SHS SITE  

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# Applanation Tonometry

**Variable name:** IDNO  
**SAS label:** ID NUMBER

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**Variable name:** IDNUM  
**SAS label:** SHS3 ID NUMBER

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**Variable name:** AGE  
**SAS label:** AGE AT TIME OF STUDY

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**Variable name:** SEXCD  
**SAS label:** GENDER OF PARTICIPANT

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Applanation Tonometry

**Variable name:** HEIGHT  
**SAS label:** HEIGHT (CM)

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**Variable name:** DATE  
**SAS label:** DATE OF STUDY

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**Variable name:** TIME  
**SAS label:** TIME OF STUDY

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**Variable name:** SUB_TYPE  
**SAS label:** SUBTYPE

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**Variable name:** OPERATOR  
**SAS label:** OPERATOR

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Applanation Tonometry

**Variable name:** P_SP  
**SAS label:** PERIPHERAL SYSTOLIC BLOOD PRESSURE (MMHG)

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**Variable name:** P_DP  
**SAS label:** PERIPHERAL DIASTOLIC BLOOD PRESSURE (MMHG)

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**Variable name:** P_MEANP  
**SAS label:** PERIPHERAL MEAN PRESSURE (MMHG)

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**Variable name:** P_AI  
**SAS label:** PERIPHERAL AUGMENTATION INDEX

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**Variable name:** P_MAX_DP  
**SAS label:** MAXIMUM DP/DT (MMHG/S)

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### Applanation Tonometry

**Variable name:** HR  
**SAS label:** HEART RATE, (BEATS PER MINUTE)

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**Variable name:** ED  
**SAS label:** EJECTION DURATION (MS)

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**Variable name:** C_SVI  
**SAS label:** CENTRAL AORTIC INDEX BUCKBERG SUB-ENDOCARIAL VIABLILITY RATIO (%)

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**Variable name:** C_TTI  
**SAS label:** BUCKBERG SUB-ENDOCARIAL VIABLILITY COMPONENT (AD)

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**Variable name:** C_DTI  
**SAS label:** BUCKBERG SUB-ENDOCARIAL VIABLILITY COMPONENT (AS)

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Applanation Tonometry

**Variable name:** AOSBP  
**SAS label:** AORTIC SYSTOLIC BLOOD PRESSURE (MMHG)

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**Variable name:** AODBP  
**SAS label:** AORTIC DIASTOLIC BLOOD PRESSURE (MMHG)

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**Variable name:** C_MEANP  
**SAS label:** CENTRAL AORTIC MEAN PRESSURE (MMHG)

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**Variable name:** C_T1  
**SAS label:** TIME TO FIRST PEAK-AORTIC (MS)

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**Variable name:** C_T2  
**SAS label:** TIME TO SECOND PEAK-AORTIC (MS)

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### Variable name: C_AP
SAS label:

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### Variable name: AG
SAS label: AUGMENTED PRESSURE (MMHG)

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### Variable name: AI
SAS label: AUGMENTATION INDEX (%)

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### Variable name: AI2
SAS label: AI2=P1/P2

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### Variable name: C_MPS
SAS label: AORTIC MEAN PRESSURE IN SYSTOLE (MMHG)

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### Applanation Tonometry

**Variable name:** C_MPD  
**SAS label:** AORTIC MEAN PRESSURE IN DIASTOLE (MMHG)

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**Variable name:** C_ESP  
**SAS label:** AORTIC END SYSTOLIC PRESSURE (MMHG)

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**Variable name:** AOSBP2  
**SAS label:** AORTIC SYSTOLIC BLOOD PRESSURE NEW TONOMETRY

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**Variable name:** AODBP2  
**SAS label:** AORTIC DIASTOLIC BLOOD PRESSURE NEW TONOMETRY

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**Variable name:** AOPP  
**SAS label:** AORTIC PULSE PRESSURE-DERIVED VARIABLE BY DF (MMHG)

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### Applanation Tonometry

**Variable name:** P2  
**SAS label:** PRESSURE AT T2

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**Variable name:** P1  
**SAS label:** PRESSURE AT T1

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**Variable name:** SPARE1_B  
**SAS label:**

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**Variable name:** SP  
**SAS label:** SYSTOLIC PRESSURE

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### Applanation Tonometry

**Variable name:**  DP  
**SAS label:**  DIASTOLIC PRESSURE

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**Variable name:**  P_T1  
**SAS label:**  PERIPHERAL T1

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**Variable name:**  P_T2  
**SAS label:**  PERIPHERAL T2

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**Variable name:**  P_SPARE1  
**SAS label:**

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**Variable name:**  AI3  
**SAS label:**  AI FROM TONOMETRY DATA BASE

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**Applanation Tonometry**

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Sample Collection Checklist

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

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Variable name: GTTF_2
SAS label: FASTING ONE TOUCH RESULT
Question: Q1: Fasting One Touch glucose result
Note: None

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Variable name: GTTF_3
SAS label: FASTING BLOOD SAMPLE TAKEN
Question: Q2: Is fasting blood sample taken?
Note: None

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<td>Yes, and participant has been fasting</td>
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</tr>
<tr>
<td>2</td>
<td>Yes, but participant has not been fasting</td>
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</tr>
<tr>
<td>3</td>
<td>No, participant has not been fasting</td>
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<tr>
<td>4</td>
<td>Other, specify</td>
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</tr>
<tr>
<td>8</td>
<td>No, participant refused</td>
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Sample Collection Checklist

Variable name: GTTF_3L  
SAS label: FASTING BLOOD SAMPLE TAKEN SPECIFY OTHER  
Question: Q2: Fasting blood sample taken other specify  
Note: None

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Variable name: GTTF_4  
SAS label: LAST TIME ATE  
Question: Q3: When was the last time you ate?  
Note: Use military time

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Variable name: GTTF_5  
SAS label: TIME OF COLLECTION FASTING BLOOD SAMPLE  
Question: Q4: Time of collection of fasting samples  
Note: None

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Variable name: GTTF_6  
SAS label: URINE SAMPLE TAKEN  
Question: Q5: Time of collection of urine sample  
Note: None

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Sample Collection Checklist

**Variable name:** GTTF_7  
**SAS label:** 75 GRAM GLUCOSE BEVERAGE CONSUMED  
**Question:** Q6: Was participant given 75 gram glucose beverage?  
**Note:** None

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**Variable name:** GTTF_8  
**SAS label:** TIME THE 75 GRAM GLUCOSE BEVERAGE CONSUMED  
**Question:** Q6a: If Yes, time the 75 gram glucose beverage was consumed  
**Note:** None

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**Variable name:** GTTF_9  
**SAS label:** REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, INSULIN TREATMENT  
**Question:** Q6bi: If No, why did participant no have OGTT? Diabetes, on insulin treatment  
**Note:** Check the appropriate answer(s)

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Sample Collection Checklist

Variable name: GTTF_10
SAS label: REASON GLUCOSE BEVERAGE NOT CONSUMED: DM, ORAL AGENT
Question: Q6bii: If No, why did participant no have OGTT? Diabetes, on oral treatment
Note: Check the appropriate answer(s)

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Variable name: GTTF_11
SAS label: REASON GLUCOSE BEVERAGE NOT CONSUMED: ONE TOUCH > 225 MG/DL
Question: Q6biii: If No, why did participant no have OGTT? One Touch >225 mg/dL
Note: Check the appropriate answer(s)

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Variable name: GTTF_12
SAS label: REASON GLUCOSE BEVERAGE NOT CONSUMED: REFUSAL
Question: Q6biv: If No, why did participant no have OGTT? Refusal to have OGTT done
Note: Check the appropriate answer(s)

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### Variable name: GTTF_13
#### SAS label: TIME OF 2 HR BLOOD SAMPLE
#### Question: Q7: Time of 2-hr blood sample
#### Note: None

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### Variable name: GTTF_14
#### SAS label: DID PARTICIPANT VOMIT
#### Question: Q8: If the participant vomited after the glucose beverage was given, check here
#### Note: None

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### Variable name: GTTF_15
#### SAS label: TIME VOMITED
#### Question: Q8: If Yes, when?
#### Note: None

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<td>Question: Q8: Comments</td>
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**ADMINISTRATIVE INFORMATION**

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<td>Question: Q9: SHS Code of person completing this form</td>
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<td>Question: Q10: Date samples collected</td>
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## Laboratory Measures

**Variable name:** IDNO  
**SAS label:** ID NUMBER

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### CHEMISTRIES

**Variable name:** S3G0  
**SAS label:** FASTING GLUCOSE (mg/dL)

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**Variable name:** S3G2  
**SAS label:** 2-HOURS GLUCOSE (mg/dL)

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**Variable name:** S3P_CREA  
**SAS label:** PLASMA CREATININE (mg/dl)

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### Laboratory Measures

#### Variable name: S3INSU
SAS label: INSULIN (uU/mL)

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#### Variable name: S3TPROT
SAS label: TOTAL PROTEIN (gm/dL)

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#### Variable name: S3P_ALB
SAS label: PLASMA ALBUMIN (gm/dL)

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#### Variable name: S3UACID
SAS label: URIC ACID (mg/dL)

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#### Variable name: S3BUN
SAS label: BLOOD UREA NITROGEN (mg/dl)

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### Variable name: S3CAL
SAS label: CALCIUM (mg/dl)

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### Variable name: S3PHOSP
SAS label: PHOSPHORUS (mg/dL)

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### Variable name: S3CHL
SAS label: CHLORIDE (mEq/L)

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### Variable name: S3SOD
SAS label: SODIUM (mEq/L)

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### Variable name: S3POT
SAS label: POTASSIUM (mEq/L)

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Laboratory Measures

Variable name: S3ALP  
SAS label: ALKALINE PHOSPHATASE (U/L)

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Variable name: S3ALT  
SAS label: ALANINE AMINOTRANSFERASE (SGPT) (IU/L)

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Variable name: S3AST  
SAS label: ASPARTATE AMINOTRANSFERASE (SGOT) (IU/L)

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Variable name: S3TBILI  
SAS label: TOTAL BILIRUBIN (mg/dL)

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Variable name: S3HBA1C  
SAS label: HEMOGLOBIN A1C (%)

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### Laboratory Measures

**Variable name:** S3CO2  
**SAS label:** CO2(mEq/L)

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**Variable name:** S3LDH  
**SAS label:** LACTATE DEHYDROGENASE

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**HEMOSTASIS**

**Variable name:** S3FIBRIN  
**SAS label:** FIBRINOGEN (mg/dL)

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**LIPIDS**

**Variable name:** S3APOA1  
**SAS label:** APO LIPOPROTEIN A1 (APOA1) (mg/dL)

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**Variable name:** S3APOB  
**SAS label:** APO LIPOPROTEIN B (APOB) (mg/dL)

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## Laboratory Measures

**Variable name:** S3APOE  
**SAS label:** APO LIPOPROTEIN E (APOE) (mg/dL)

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**Variable name:** S3TC  
**SAS label:** TOTAL CHOLESTEROL (mg/dL)

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**Variable name:** S3TG  
**SAS label:** TRIGLYCERIDE (mg/dL)

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**Variable name:** S3HDL  
**SAS label:** HDL CHOLESTEROL (mg/dL)

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**Variable name:** S3LDL  
**SAS label:** LDL CHOLESTEROL (mg/dL)

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Laboratory Measures

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### Laboratory Measures

**Variable name:** S3U_CREA  
**SAS label:** URINE CREATININE (mg/dL)

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**Variable name:** CENTER  
**SAS label:** SHS SITE

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## CBC Results

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

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**Variable name:** WBCF  
**SAS label:** WHITE BLOOD CELL COUNT (10^9/L)  
**Question:** Q1: WBC (10^9/L)  
**Note:** None

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**Variable name:** RBCF  
**SAS label:** RED BLOOD CELL COUNT (10^{12}/L)  
**Question:** Q2: RBC (10^{12}/L)  
**Note:** None

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**Variable name:** HGBF  
**SAS label:** HEMOGLOBIN (g/dL)  
**Question:** Q3: HGB (g/dL)  
**Note:** None

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### CBC Results

#### Variable name: HCTF
**SAS label:** HEMATOCRIT UNITS: %
**Question:** Q4: HCT (%)
**Note:** None

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#### Variable name: MCVF
**SAS label:** MEAN CELL VOLUME (fL)
**Question:** Q5: MCV (fL)
**Note:** None

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#### Variable name: MCHF
**SAS label:** MEAN CORPUSCULAR HEMOGLOBIN (pg)
**Question:** Q6: MCH (pg)
**Note:** None

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#### Variable name: MCHCF
**SAS label:** MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (g/dL)
**Question:** Q7: MCHC (g/dL)
**Note:** None

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CBC Results

Variable name: RDWF
SAS label: RED CELL DISTRIBUTION WIDTH (%)
Question: Q8: RDW (%)
Note: None

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Variable name: PLTF
SAS label: PLATELET COUNT (10⁹/L)
Question: Q9: Platelet count (10⁹/L)
Note: None

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Variable name: MPVF
SAS label: MEAN PLATELET VOLUME (fL)
Question: Q10: MPV (fL)
Note: None

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Differential

Variable name: NEUTF
SAS label: NEUTROPHIL (%)
Question: Q11: NEUT (%)
Note: None

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CBC Results

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## ADMINISTRATIVE INFORMATION

**Variable name:** CBC_STAT  
**SAS label:** QUESTIONNAIRE COMPLETED  
**Question:** Q16: Did the participant have a CBC?  
**Note:** None

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**Variable name:** INT_CODE  
**SAS label:** INTERVIEWER'S CODE  
**Question:** Q17: Code number of person completing this form  
**Note:** None

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**Variable name:** INT_DATE  
**SAS label:** INTERVIEW DATE  
**Question:** Q18: Date of data collection  
**Note:** None

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

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# Derived Medication

## Variable name: IDNO
SAS label: ID NUMBER

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## Variable name: S3ANTIHIST
SAS label: ANTIHISTIMINES
Question: Antihistimine Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 4:00

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## Variable name: S3ANTIBIOTIC
SAS label: ANTIBIOTICS
Question: Antibacterial Drugs
Note: AHFS Pharmacologic-therapeutic Classification: 08:12

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### Derived Medication

**Variable name:** S3ANTINEO  
**SAS label:** ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)  
**Question:** Antineoplastic Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 10:00

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**Variable name:** S3ANTICOAG  
**SAS label:** ANTICOAGULANTS  
**Question:** Anticoagulant Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 20:12:04

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**Variable name:** S3CARDIAC  
**SAS label:** CARDIAC DRUGS  
**Question:** Cardiac Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 24:04

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### Derived Medication

**Variable name:** S3LIPIDLOW  
**SAS label:** HYPOLIPIDEMIC (LIPID LOWERING)  
**Question:** Antilipidemic Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 24:06

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**Variable name:** S3HYPOTEN  
**SAS label:** HYPOTENSIVE AGENTS  
**Question:** Hypotensive Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 24:08

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**Variable name:** S3BETABLOCK  
**SAS label:** BETA-BLOCKERS  
**Question:** Beta-blocker Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 24:24:00

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### Derived Medication

**Variable name:** S3ANALGESIC  
**SAS label:** ANALGESTIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)  
**Question:** Analgesics and Antipyretic Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 28:08

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**Variable name:** S3ASPIRIN  
**SAS label:** ASPIRIN  
**Question:** Aspirin  
**Note:** AHFS Pharmacologic-therapeutic Classification: 28:08 and specified field included aspirin

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**Variable name:** S3ANTICONV  
**SAS label:** ANTICONVULSANTS  
**Question:** Anticonvulsant Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 28:12

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### Derived Medication

**Variable name:** S3PSYCHOTHER  
**SAS label:** PSYCHOTHERAPEUTIC AGENTS  
**Question:** Psychotherapeutic Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 28:16

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**Variable name:** S3DIURETIC  
**SAS label:** DIURETICS  
**Question:** Diuretic Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 40:28

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**Variable name:** S3GASTRO  
**SAS label:** GASTROINTESTINAL DRUGS  
**Question:** Gastrointestinal Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 56:00

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# Derived Medication

**Variable name:** S3ADRENAL  
**SAS label:** ADRENALS (STEROIDS)  
**Question:** Adrenal Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:04

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**Variable name:** S3CONTRA  
**SAS label:** CONTRACEPTIVES  
**Question:** Contraceptive Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:12

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**Variable name:** S3ESTRO  
**SAS label:** ESTROGENS  
**Question:** Estrogens and Estrogen Agonist Antagonists  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:16

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**Variable name:** S3ANTIDM  
**SAS label:** ANTIDIABETIC AGENTS  
**Question:** Antidiabetic Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:20

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**Variable name:** S3INSULIN  
**SAS label:** INSULINS  
**Question:** Insulin Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:20:08

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**Variable name:** S3SULFRON  
**SAS label:** SULFONYLUREAS  
**Question:** Sulfonyleureas Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:20:20

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Variable name: S3THYROID
SAS label: THYROID AGENTS
Question: Thyroid and Antithyroid Agents
Note: AHFS Pharmacologic-therapeutic Classification: 68:36

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Variable name: S3SKIN
SAS label: OINTMENTS AND OTHER TOPICAL PRODUCTS
Question: All skin and mucous membrane agents
Note: AHFS Pharmacologic-therapeutic Classification: 84:00

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Variable name: S3VITAMIN
SAS label: VITAMINS
Question: Vitamins
Note: AHFS Pharmacologic-therapeutic Classification: 88:00

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# Derived Medication Details

**Variable name:** IDNO  
**SAS label:** ID NUMBER

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**Variable name:** MNAME31  
**SAS label:** DRUG NAME  
**Question:** Medical drug name  
**Note:** None

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**Variable name:** MDOSE31  
**SAS label:** DRUG DOSE  
**Question:** Medical drug dose  
**Note:** None

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**Variable name:** RXDAY31  
**SAS label:** RX PER DAY  
**Question:** Amount of medication per day  
**Note:** None

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Derived Medication Details

Variable name: TKNDAY31
SAS label: HOW MANY TAKEN?
Question: How much medication was taken?
Note: None

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Variable name: MCLASS31
SAS label: MATCHING DRUG CLASS CODE (AHFS DRUG CODE)
Question: AHFS Drug Code
Note: None

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Variable name: LEVEL1GRP
SAS label: AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 1

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Variable name: LEVEL2GRP
SAS label: AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 2

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## Derived Medication Details

### Variable name: LEVEL3GRP
**SAS label:** AHFS PHARMACOLOGIC THERAPEUTIC CLASSIFICATION TEIR 3

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### Variable name: S3ANTIHIST
**SAS label:** ANTIHISTIMINES
**Question:** Antihistimine Drugs
**Note:** AHFS Pharmacologic-therapeutic Classification: 4:00

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### Variable name: S3ANTIBIOTIC
**SAS label:** ANTIBIOTICS
**Question:** Antibacterial Drugs
**Note:** AHFS Pharmacologic-therapeutic Classification: 08:12

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### Variable name: S3ANTINEO
**SAS label:** ANTINEOPLASTIC DRUGS (CHEMOTHERAPY)
**Question:** Antineoplastic Agents
**Note:** AHFS Pharmacologic-therapeutic Classification: 10:00

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### Derived Medication Details

**Variable name:** S3ANTICOAG  
**SAS label:** ANTICOAGULANTS  
**Question:** Anticoagulant Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 20:12:04

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**Variable name:** S3CARDIAC  
**SAS label:** CARDIAC DRUGS  
**Question:** Cardiac Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 24:04

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**Variable name:** S3LIPIDLOW  
**SAS label:** HYPOLIPIDEMIC (LIPID LOWERING)  
**Question:** Antilipidemic Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 24:06

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### Derived Medication Details

**Variable name:** S3HYPOTEN  
**SAS label:** HYPOTENSIVE AGENTS  
**Question:** Hypotensive Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 24:08

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**Variable name:** S3BETABLOCK  
**SAS label:** BETA-BLOCKERS  
**Question:** Beta-blocker Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 24:24:00

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**Variable name:** S3ANALGESIC  
**SAS label:** ANALGESIC AND ANTI-INFLAMMATORY (INCLUDES ASPIRIN)  
**Question:** Analgesics and Antipyretic Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 28:08

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### S3ASPIRIN

**Variable name:** S3ASPIRIN  
**SAS label:** ASPIRIN  
**Question:** Aspirin  
**Note:** AHFS Pharmacologic-therapeutic Classification: 28:08 and specified field included aspirin

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### S3ANTICONV

**Variable name:** S3ANTICONV  
**SAS label:** ANTICONVULSANTS  
**Question:** Anticonvulsant Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 28:12

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### S3PSYCHOTHER

**Variable name:** S3PSYCHOTHER  
**SAS label:** PSYCHOTHERAPEUTIC AGENTS  
**Question:** Psychotherapeutic Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 28:16

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## Derived Medication Details

**Variable name:** S3DIURETIC  
**SAS label:** DIURETICS  
**Question:** Diuretic Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 40:28

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**Variable name:** S3GASTRO  
**SAS label:** GASTROINTESTINAL DRUGS  
**Question:** Gastrointestinal Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 56:00

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**Variable name:** S3ADRENAL  
**SAS label:** ADRENALS (STEROIDS)  
**Question:** Adrenal Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:04

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### Derived Medication Details

**Variable name:** S3CONTRA  
**SAS label:** CONTRACEPTIVES  
**Question:** Contraceptive Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:12

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**Variable name:** S3ESTRO  
**SAS label:** ESTROGENS  
**Question:** Estrogens and Estrogen Agonist Antagonists  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:16

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**Variable name:** S3ANTIDM  
**SAS label:** ANTIDIABETIC AGENTS  
**Question:** Antidiabetic Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:20

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## Derived Medication Details

**Variable name:** S3INSULIN  
**SAS label:** INSULINS  
**Question:** Insulin Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:20:08

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**Variable name:** S3SULFRON  
**SAS label:** SULFONYLUREAS  
**Question:** Sulfonylureas Drugs  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:20:20

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**Variable name:** S3THYROID  
**SAS label:** THYROID AGENTS  
**Question:** Thyroid and Antithyroid Agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 68:36

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### Derived Medication Details

**Variable name:** S3SKIN  
**SAS label:** OINTMENTS AND OTHER TOPICAL PRODUCTS  
**Question:** All skin and mucous membrane agents  
**Note:** AHFS Pharmacologic-therapeutic Classification: 84:00

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**Variable name:** S3VITAMIN  
**SAS label:** VITAMINS  
**Question:** Vitamins  
**Note:** AHFS Pharmacologic-therapeutic Classification: 88:00

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## Phase 3 Family Pilot Study Derived Variables

### Variable name: IDNO
SAS label: ID NUMBER
Note: None

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### Variable name: S3EXDATE
SAS label: SHS3 EXAM DATE
Note: None

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### Variable name: S3AGE
SAS label: SHS3 AGE
Note: S3AGE = (SHS3 Exam Date - Date of Birth) / 365.25

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Variable name: S3ADADM  
SAS label: SHS3 DIABETES STATUS ACCORDING TO 1997 ADA CRITERIA  
Note: **DM Definition:**
1. If the participant was not given glucose tolerance test (GTT)
   a. On insulin treatment;  
   b. On hypoglycemic agent  
   c. On rental dialysis or had kidney transplant and mentioned history of diabetes on medical history questionnaire
   OR
2. If fasting blood sugar ≥ 126

**IFG Definition:**
110 ≤ 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.

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</tr>
<tr>
<td>NFG</td>
<td>Normal Fasting Glucose Tolerance</td>
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</table>

Variable name: S3ADADMD  
SAS label: SHS3 DURATION (YEARS) OF DIABETES ACCORDING TO 1997 ADA CRITERIA  
Note: S3ADADMD = Age at exam – Age diabetes was diagnosed

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</table>
### Variable name: S3DMTX
### SAS label: SHS3 DIABETES TREATMENT
### Note: Both insulin and oral agent = AHFS Code 682008 AND 682020
- Insulin treatment = AHFS Code 682008
- Oral (hypoglycemic) agent = AHFS Code 682020

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<tr>
<td>B</td>
<td>Both Insulin and Oral Agent</td>
<td></td>
</tr>
<tr>
<td>I</td>
<td>Insulin Treatment</td>
<td></td>
</tr>
<tr>
<td>N</td>
<td>None</td>
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<tr>
<td>O</td>
<td>Oral Agent</td>
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### Variable name: S3SBP
### SAS label: SHS3 SYSTOLIC BLOOD PRESSURE (mmHg)
### Note: S3SBP = (1st measured SBP + 2nd measured SBP) / 2

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### Variable name: S3DBP
### SAS label: SHS3 DIASTOLIC BLOOD PRESSURE (mmHg)
### Note: S3DBP = (1st measured DBP + 2nd measured DBP) / 2

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</tbody>
</table>
Variable name: S3MBP
SAS label: SHS3 MEAN ARTERIAL PRESSURE (mmHg)
Note: S3MBP = (2/3 S3SBP) + (1/3 S3DBP)

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</table>

Variable name: S3USHTN
SAS label: SHS3 HYPERTENSION BY US DEFINITION
Note: Hypertension Definition:

1. Taking Antihypertensive Drug (AHFS Code=2408)

OR

2. Taking Diuretics (AHFS Code =4028), OR Beta-Blockers (AHFS Code=1216) OR Cardiac Medications (AHFS Code=2404) OR Vasodilator (AHFS Code=2412) AND History of Hypertension

OR

3. S3SBP ≥ 140 mmHg

OR

4. S3DBP ≥ 90 mmHg

No Hypertension:

S3SBP < 140 AND S3DBP < 90 AND No Antihypertensive treatment

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</table>
Variable name: S3HTNRX
SAS label: SHS3 HYPERTENSION TREATMENT
Note: 1. Taking Antihypertensive Drug

OR

2. Taking Diuretics OR Beta-Blockers OR Cardiac OR Vasodilator
AND History of hypertension

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<tr>
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</table>

Variable name: S3ACR
SAS label: SHS3 ALBUMINURIA
Note: Normal: Urinary albumin/creatinine ratio \( \geq 300 \) mg/g

Microalbuminuria: \( 30 \leq \) Urinary albumin/creatinine < 299 mg/g

Macroalbuminuria: Urinary albumin/creatinine < 30 mg/g

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<tr>
<td>2</td>
<td>Microalbuminuria</td>
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<tr>
<td>3</td>
<td>Macroalbuminuria</td>
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</table>

Variable name: S3UACR
SAS label: SHS3 URINARY ALBUMIN/CREATININE RATIO (mg/g)
Note: S3UACR = Urine Albumin / Urine Creatinine

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</table>
### Variable name: S3CCR
### SAS label: SHS3 COCKROFT-GAULT CREATININE CLEARANCE (mm/min)
### Note:
If Male:
\[ S3CCR = \frac{(140 - \text{age}) \times \text{weight}}{72 \times \text{serum creatinine}} \]
If Female:
\[ S3CCR = \left[\frac{(140 - \text{age}) \times \text{weight}}{72 \times \text{serum creatinine}}\right] \times 0.85 \]

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### Variable name: S3GFRM2
### SAS label: SHS3 GLOMERULAR FILTRATION RATE (mL/min/1.73**2) - (MDRD with 175 constant)
### Note:
If male:
\[ S3GFRM2 = 175 \times \text{serum creatinine}^{-1.154} \times \text{age}^{-0.203} \]
If female:
\[ S3GFRM2 = 175 \times \text{serum creatinine}^{-1.154} \times \text{age}^{-0.203} \times 0.742 \]

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### Variable name: S3RT_AAR
### SAS label: SHS3 RIGHT ANKLE-ARM RATIO
### Note:
\[ S3RT\_AAR = \frac{\text{Right ankle blood pressure}}{\text{Right arm blood pressure}} \]

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</table>
### Variable name: S3LT_AAR
**SAS label:** SHS3 LEFT ANKLE-ARM RATIO  
**Note:** S3LT_AAR = Left ankle blood pressure / Right arm blood pressure

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### Variable name: S3PP
**SAS label:** SHS3 PULSE PRESSURE (mm/Hg)  
**Note:** S3PP = Systolic blood pressure – Diastolic blood pressure

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### Variable name: S3BMI
**SAS label:** SHS3 BODY MASS INDEX (kg/m**2**)  
**Note:** S3BMI = weight (kg) / (height (cm))²

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### Variable name: S3WHR
**SAS label:** SHS3 WAIST HIP RATIO  
**Note:** S3WHR = Waist circumference / Hip circumference

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</table>
Phase 3 Family Pilot Study Derived Variables

Variable name: S3BDFAT
SAS label: SHS3 %BODY FAT - (RJL CALCULATION)
Note: If Male:
BODYH20 = EXP(1.1782*LOG(height) - 0.5968*LOG(resistance) + 0.3226*LOG(weight))

If Female:
BODYH20 = EXP(1.2004*LOG(height) - 0.5529*LOG(resistance) + 0.2164*LOG(weight))

S3BDFAT = ([weight - (bodyH2O / 0.732)] / weight) *100

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</table>
Variable name: S3SMOKE
SAS label: SHS3 SMOKING STATUS
Note: Never Definition:
Have not smoked more than 100 cigarettes in entire life

OR

Never smoked regularly

Ever Definition:
Smoke at least 100 cigarettes in entire life AND entered age started smoking

AND

Do not smoke currently

Current (yes) Definition:
Smoked at least 100 cigarettes in entire life AND entered age started smoking

AND

Currently smoked

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Variable name: S3SMKD
SAS label: SHS3 SMOKING DURATION IN YEARS
Note: None

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</table>
Variable name: S3ETOH
SAS label: SHS3 ALCOHOL DRINKING STATUS
Note: Never Definition:
Never consumed alcoholic beverages

Ever Definition:
Consumed alcoholic beverages
AND
Has not had a drink in 12 or more months (more than 1 year)

Current (yes) Definition:
Consumed alcoholic beverages
AND
Has had a drink in the last 12 months (1 year)

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</table>
Variable name: S3MENO  
SAS label: SHS3 POSTMENOPAUSAL  
Note:  S3MENO = Y if menopause group is natural, surgical, age, or unknown  
Else S3MENO = N

Menopause Group:

Natural: Stopped menstruating AND stopped within the last year AND natural type of menopause

Surgical: Stopped menstruating AND stopped within the last year AND surgical type of menopause AND removed both ovaries

Age: Stopped menstruating AND stopped within the last year AND surgical type of menopause AND removed both ovaries AND age ≥ 53

Unknown: Stopped menstruating AND stopped within the last year AND unknown type of menopause AND age ≥ 53 OR stopped menstruating unknown AND age ≥ 53

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</table>
Variable name: S3ESTRO  
SAS label: SHS3 ESTROGEN USE  
Note: 

**Current User:**
Medication history indicated estrogen use

**Ex-User:**
If used estrogen and not list estrogen on medical history
OR
Phase 1 or Phase 2 or Phase 3 or Phase 4 current user

**Never Used:**
If never used estrogen

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<tr>
<td>C</td>
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<tr>
<td>E</td>
<td>Ex-user</td>
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<tr>
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Variable name: S3HOMAIR  
SAS label: SHS3 HOMEOSTASIS ASSESSMENT (HOMA-IR)  
Note: None

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