Component Description

The Osteoporosis section (OSQ) provides personal interview data on the following:

* Self-reported information regarding fractured hip, wrist, or spine;
* Number of times hip, wrist, or spine was fractured;
* Age at each hip, wrist, or spine fracture;
* Amount of trauma causing each hip, wrist, or spine fracture;
* Fractures of any other bones, amount of trauma causing the fractures, and age when the fractures occurred;
* Whether the participant has ever been diagnosed as having osteoporosis;
* If diagnosed with osteoporosis, whether the participant has been treated by prescription medicine (Fosamax, Boniva, Actonel, Reclast, Miacalcin, Fortical, Evista or Forteo);
* Participant use of prednisone or cortisone pills;
* Whether either of the participant’s biological parents had been diagnosed as having osteoporosis;
* Whether the participant’s mother had ever fractured her hip, and if so, at what age; and
* Whether the participant’s father had ever fractured his hip, and if so, at what age.

Several of the questions in this section also were included in the NHANES III: 1988-94 questionnaires under Musculoskeletal Conditions.

Eligible Sample

The target sample for this section is participants aged 40 and over. However, the target sample for some questions in this section is participants aged 50 and over. Please review the codebook carefully.

Interview Setting and Mode of Administration

This questionnaire section was conducted, in the home, using the Computer-Assisted Personal Interviewing (CAPI) system. Hand cards showing response categories were used for some questions.

The [2013-2014 Interviewer Procedure Manuals](https://wwwn.cdc.gov/nchs/data/nhanes/2013-2014/manuals/intrvwr_proc_manual.pdf) and [Exam Manuals](https://wwwn.cdc.gov/nchs/nhanes/continuousnhanes/questionnaires.aspx?BeginYear=2013) and the Osteoporosis Sample Person Questionnaire can be found on the [NHANES website](https://www.cdc.gov/nchs/nhanes/index.htm).

Quality Assurance & Quality Control

The CAPI system is programmed with built-in consistency checks to reduce data entry errors. CAPI also uses online help screens to assist interviewers in defining key terms used in the questionnaire.

Frequency counts were verified during the preparation of the file.

For details on the quality control/quality assurance process for this component, please refer to the [NHANES 2013-14 Interviewer Procedures Manual](https://wwwn.cdc.gov/nchs/data/nhanes/2013-2014/manuals/intrvwr_proc_manual.pdf) on the [NHANES website](https://www.cdc.gov/nchs/nhanes/index.htm).

Data Processing and Editing

For participants aged 80 and over, responses to OSD030a (How old were you when you fractured your hip?), OSD030b (how old were you when you fractured your wrist?), OSD030c (How old were you when you fractured your spine?), and OSQ110 (How old were you when you fractured (other bones) after you were 20 years of age) were coded as 80 years. This was done to address data disclosure concerns and to be consistent with age codes in the demographic and other sample person files.

The following variables had empty fields and, therefore, were dropped from the data file: OSD030AD-OSD030AJ, OSD030CD-OSD030CJ, OSD040AD-OSD040AJ, OSD040CD-OSD040CJ, OSD050AD-OSD050AJ, OSD050CD-OSD050CJ, OSQ090I-J, OSQ100F, OSQ100H, OSQ100I-J, OSD110F, OSD110H, OSD110I-J and OSQ120I-J.

Analytic Notes

Since these data are collected during the household questionnaire, interview weights should be used. However, if these data are merged with MEC exam data, exam sample weights should be used for the analyses.

Please refer to the [NHANES Analytic Guidelines](https://wwwn.cdc.gov/nchs/nhanes/analyticguidelines.aspx) and the online [NHANES Tutorial](https://www.cdc.gov/nchs/tutorials/) for further details on the use of sample weights and other analytic issues. The Analytic Guidelines are available on the [NHANES website](https://www.cdc.gov/nchs/nhanes/index.htm).

Codebook and Frequencies

SEQN - Respondent sequence number

**Variable Name:**

SEQN

**SAS Label:**

Respondent sequence number

**English Text:**

Respondent sequence number.

**Target:**

Both males and females 40 YEARS - 150 YEARS

OSQ010a - Broken or fractured a hip

**Variable Name:**

OSQ010a

**SAS Label:**

Broken or fractured a hip

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured {your/his/her} . . .hip?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 83 | 83 | OSQ020a |
| 2 | No | 3731 | 3814 |  |
| 7 | Refused | 0 | 3814 |  |
| 9 | Don't know | 1 | 3815 |  |
| . | Missing | 0 | 3815 |  |

OSQ010b - Broken or fractured a wrist

**Variable Name:**

OSQ010b

**SAS Label:**

Broken or fractured a wrist

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured {your/his/her} . . .wrist?

**English Instructions:**

DO NOT INCLUDE FOREARM OR HAND.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 316 | 316 | OSQ020b |
| 2 | No | 3496 | 3812 |  |
| 7 | Refused | 0 | 3812 |  |
| 9 | Don't know | 3 | 3815 |  |
| . | Missing | 0 | 3815 |  |

OSQ010c - Broken or fractured spine

**Variable Name:**

OSQ010c

**SAS Label:**

Broken or fractured spine

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured {your/his/her} . . .spine?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 77 | 77 | OSQ020c |
| 2 | No | 3734 | 3811 | OSQ025 |
| 7 | Refused | 0 | 3811 | OSQ025 |
| 9 | Don't know | 4 | 3815 | OSQ025 |
| . | Missing | 0 | 3815 |  |

OSQ020a - # Times broken/fractured hip

**Variable Name:**

OSQ020a

**SAS Label:**

# Times broken/fractured hip

**English Text:**

How many times {have you/has SP} broken or fractured {your/his/her} hip?

**English Instructions:**

ENTER NUMBER OF TIMES. SKIP TO OSQ010b.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | 1 | 71 | 71 |  |
| 2 | 2 | 9 | 80 |  |
| 3 | 3 | 2 | 82 |  |
| 7777 | Refused | 0 | 82 | OSQ010b |
| 9999 | Don't know | 1 | 83 | OSQ010b |
| . | Missing | 3732 | 3815 |  |

OSQ020b - # Times broken/fractured wrist

**Variable Name:**

OSQ020b

**SAS Label:**

# Times broken/fractured wrist

**English Text:**

How many times {have you/has SP} broken or fractured {your/his/her} wrist?

**English Instructions:**

ENTER NUMBER OF TIMES. SKIP TO OSQ010c.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | 1 | 267 | 267 |  |
| 2 | 2 | 35 | 302 |  |
| 3 | 3 | 9 | 311 |  |
| 4 | 4 | 3 | 314 |  |
| 6 | 6 | 1 | 315 |  |
| 10 | 10 | 1 | 316 |  |
| 7777 | Refused | 0 | 316 | OSQ010c |
| 9999 | Don't know | 0 | 316 | OSQ010c |
| . | Missing | 3499 | 3815 |  |

OSQ020c - # Times broken/fractured spine

**Variable Name:**

OSQ020c

**SAS Label:**

# Times broken/fractured spine

**English Text:**

How many times {have you/has SP} broken or fractured {your/his/her} spine?

**English Instructions:**

ENTER NUMBER OF TIMES

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | 1 | 67 | 67 |  |
| 2 | 2 | 8 | 75 |  |
| 3 | 3 | 2 | 77 |  |
| 7777 | Refused | 0 | 77 |  |
| 9999 | Don't know | 0 | 77 |  |
| . | Missing | 3738 | 3815 |  |

OSQ025 - CHECK ITEM

**Variable Name:**

OSQ025

**English Instructions:**

CHECK ITEM OSQ025: IF 'YES' (CODE 1) IN OSQ010a, OSQ010b, or OSQ010c, CONTINUE WITH LOOP 1. OTHERWISE, GO TO OSQ060. Loop 1: Ask OSD030 - OSD050 for each type and each incidence of fracture. (Example: How old were you when you fractured your hip the first time?)

**Target:**

Both males and females 40 YEARS - 150 YEARS

OSD030aa - Age when fractured hip 1st time

**Variable Name:**

OSD030aa

**SAS Label:**

Age when fractured hip 1st time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} hip the 1st time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 2 to 78 | Range of Values | 67 | 67 |  |
| 80 | 80 or older | 13 | 80 |  |
| 77777 | Refused | 0 | 80 |  |
| 99999 | Don't know | 2 | 82 |  |
| . | Missing | 3733 | 3815 |  |

OSQ040aa - Under/over 50 when fracd. hip 1st time

**Variable Name:**

OSQ040aa

**SAS Label:**

Under/over 50 when fracd. hip 1st time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 29 | 29 | OSQ025 |
| 2 | 50 years old or older? | 52 | 81 |  |
| 7 | Refused | 0 | 81 | OSQ025 |
| 9 | Don't know | 1 | 82 | OSQ025 |
| . | Missing | 3733 | 3815 |  |

OSQ045 - CHECK ITEM

**Variable Name:**

OSQ045

**English Instructions:**

CHECK ITEM OSQ045: IF AGE IS >= 50 IN OSD030 OR OSQ040, CONTINUE WITH OSD050. OTHERWISE, GO TO OSQ025.

**Target:**

Both males and females 40 YEARS - 150 YEARS

OSD050aa - Reason hip fracture occurred 1st time

**Variable Name:**

OSD050aa

**SAS Label:**

Reason hip fracture occurred 1st time

**English Text:**

Did that fracture occur as a result of . . .

**English Instructions:**

CAPI INSTRUCTIONS: HELP SCREEN SHOULD READ: Additional examples for a "hard fall" include being forcibly knocked down by another person or bicycle. Additional examples for a "fall from standing height or less" include leg gave way, was dizzy, fell bending over, fell out of chair.

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 29 | 29 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 14 | 43 |  |
| 3 | A car accident or other severe trauma | 5 | 48 |  |
| 7 | Refused | 0 | 48 |  |
| 9 | Don't know | 4 | 52 |  |
| . | Missing | 3763 | 3815 |  |

OSD030ab - Age when fractured hip 2nd time

**Variable Name:**

OSD030ab

**SAS Label:**

Age when fractured hip 2nd time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} hip the 2nd time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 40 to 78 | Range of Values | 10 | 10 |  |
| 80 | 80 or older | 0 | 10 |  |
| 77777 | Refused | 0 | 10 |  |
| 99999 | Don't know | 1 | 11 |  |
| . | Missing | 3804 | 3815 |  |

OSQ040ab - Under/over 50 when fracd. hip 2nd time

**Variable Name:**

OSQ040ab

**SAS Label:**

Under/over 50 when fracd. hip 2nd time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 1 | 1 | OSQ025 |
| 2 | 50 years old or older? | 9 | 10 |  |
| 7 | Refused | 0 | 10 | OSQ025 |
| 9 | Don't know | 1 | 11 | OSQ025 |
| . | Missing | 3804 | 3815 |  |

OSD050ab - Reason hip fracture occurred 2nd time

**Variable Name:**

OSD050ab

**SAS Label:**

Reason hip fracture occurred 2nd time

**English Text:**

Did that fracture occur as a result of . . .

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 4 | 4 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 2 | 6 |  |
| 3 | A car accident or other severe trauma | 1 | 7 |  |
| 7 | Refused | 0 | 7 |  |
| 9 | Don't know | 2 | 9 |  |
| . | Missing | 3806 | 3815 |  |

OSD030ac - Age when fractured hip 3rd time

**Variable Name:**

OSD030ac

**SAS Label:**

Age when fractured hip 3rd time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} hip the 3rd time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 71 to 78 | Range of Values | 2 | 2 |  |
| 80 | 80 or older | 0 | 2 |  |
| 77777 | Refused | 0 | 2 |  |
| 99999 | Don't know | 0 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSQ040ac - Under/over 50 when fracd. hip 3rd time

**Variable Name:**

OSQ040ac

**SAS Label:**

Under/over 50 when fracd. hip 3rd time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 0 | 0 | OSQ025 |
| 2 | 50 years old or older? | 2 | 2 |  |
| 7 | Refused | 0 | 2 | OSQ025 |
| 9 | Don't know | 0 | 2 | OSQ025 |
| . | Missing | 3813 | 3815 |  |

OSD050ac - Reason hip fracture occurred 3rd time

**Variable Name:**

OSD050ac

**SAS Label:**

Reason hip fracture occurred 3rd time

**English Text:**

Did that fracture occur as a result of . . .

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 0 | 0 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 0 | 0 |  |
| 3 | A car accident or other severe trauma | 1 | 1 |  |
| 7 | Refused | 0 | 1 |  |
| 9 | Don't know | 1 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSD030ba - Age when fractured wrist 1st time

**Variable Name:**

OSD030ba

**SAS Label:**

Age when fractured wrist 1st time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 1st time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 78 | Range of Values | 302 | 302 |  |
| 80 | 80 or older | 10 | 312 |  |
| 77777 | Refused | 0 | 312 |  |
| 99999 | Don't know | 4 | 316 |  |
| . | Missing | 3499 | 3815 |  |

OSQ040ba - Under/over 50 when fracd. wrist 1st time

**Variable Name:**

OSQ040ba

**SAS Label:**

Under/over 50 when fracd. wrist 1st time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 242 | 242 | OSQ025 |
| 2 | 50 years old or older? | 74 | 316 |  |
| 7 | Refused | 0 | 316 | OSQ025 |
| 9 | Don't know | 0 | 316 | OSQ025 |
| . | Missing | 3499 | 3815 |  |

OSD050ba - Reason wrist fracture occurred 1st time

**Variable Name:**

OSD050ba

**SAS Label:**

Reason wrist fracture occurred 1st time

**English Text:**

Did that fracture occur as a result of. . .

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 47 | 47 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 25 | 72 |  |
| 3 | A car accident or other severe trauma | 2 | 74 |  |
| 7 | Refused | 0 | 74 |  |
| 9 | Don't know | 0 | 74 |  |
| . | Missing | 3741 | 3815 |  |

OSD030bb - Age when fractured wrist 2nd time

**Variable Name:**

OSD030bb

**SAS Label:**

Age when fractured wrist 2nd time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist 2nd time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 6 to 74 | Range of Values | 49 | 49 |  |
| 80 | 80 or older | 0 | 49 |  |
| 77777 | Refused | 0 | 49 |  |
| 99999 | Don't know | 0 | 49 |  |
| . | Missing | 3766 | 3815 |  |

OSQ040bb - Under/over 50 when fracd. wrist 2nd time

**Variable Name:**

OSQ040bb

**SAS Label:**

Under/over 50 when fracd. wrist 2nd time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 40 | 40 | OSQ025 |
| 2 | 50 years old or older? | 9 | 49 |  |
| 7 | Refused | 0 | 49 | OSQ025 |
| 9 | Don't know | 0 | 49 | OSQ025 |
| . | Missing | 3766 | 3815 |  |

OSD050bb - Reason wrist fracture occurred 2nd time

**Variable Name:**

OSD050bb

**SAS Label:**

Reason wrist fracture occurred 2nd time

**English Text:**

Did that fracture occur as a result of . . .

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 4 | 4 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 3 | 7 |  |
| 3 | A car accident or other severe trauma | 2 | 9 |  |
| 7 | Refused | 0 | 9 |  |
| 9 | Don't know | 0 | 9 |  |
| . | Missing | 3806 | 3815 |  |

OSD030bc - Age when fractured wrist 3rd time

**Variable Name:**

OSD030bc

**SAS Label:**

Age when fractured wrist 3rd time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 3rd time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 7 to 74 | Range of Values | 13 | 13 |  |
| 80 | 80 or older | 1 | 14 |  |
| 77777 | Refused | 0 | 14 |  |
| 99999 | Don't know | 0 | 14 |  |
| . | Missing | 3801 | 3815 |  |

OSQ040bc - Under/over 50 when fracd. wrist 3rd time

**Variable Name:**

OSQ040bc

**SAS Label:**

Under/over 50 when fracd. wrist 3rd time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 12 | 12 | OSQ025 |
| 2 | 50 years old or older? | 2 | 14 |  |
| 7 | Refused | 0 | 14 | OSQ025 |
| 9 | Don't know | 0 | 14 | OSQ025 |
| . | Missing | 3801 | 3815 |  |

OSD050bc - Reason wrist fracture occurred 3rd time

**Variable Name:**

OSD050bc

**SAS Label:**

Reason wrist fracture occurred 3rd time

**English Text:**

Did that fracture occur as a result of . . .

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 0 | 0 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 1 | 1 |  |
| 3 | A car accident or other severe trauma | 1 | 2 |  |
| 7 | Refused | 0 | 2 |  |
| 9 | Don't know | 0 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSD030bd - Age when fractured wrist 4th time

**Variable Name:**

OSD030bd

**SAS Label:**

Age when fractured wrist 4th time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 4th time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 9 to 50 | Range of Values | 4 | 4 |  |
| 80 | 80 or older | 1 | 5 |  |
| 77777 | Refused | 0 | 5 |  |
| 99999 | Don't know | 0 | 5 |  |
| . | Missing | 3810 | 3815 |  |

OSQ040bd - Under/over 50 when fracd. wrist 4th time

**Variable Name:**

OSQ040bd

**SAS Label:**

Under/over 50 when fracd. wrist 4th time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 3 | 3 | OSQ025 |
| 2 | 50 years old or older? | 2 | 5 |  |
| 7 | Refused | 0 | 5 | OSQ025 |
| 9 | Don't know | 0 | 5 | OSQ025 |
| . | Missing | 3810 | 3815 |  |

OSD050bd - Reason wrist fracture occurred 4th time

**Variable Name:**

OSD050bd

**SAS Label:**

Reason wrist fracture occurred 4th time

**English Text:**

Did that fracture occur as a result of.....

**English Instructions:**

CAPI INSTRUCTIONS: HELP SCREEN SHOULD READ: Additional examples for a "fall from standing height or less" include leg gave way, was dizzy, fell bending over, fell out of chair. Additional examples for a "hard fall" include being forcibly knocked down by another person or bicycle.

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 1 | 1 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 1 | 2 |  |
| 3 | A car accident or other severe trama? | 0 | 2 |  |
| 7 | Refused | 0 | 2 |  |
| 9 | Don't know | 0 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSD030be - Age when fractured wrist 5th time

**Variable Name:**

OSD030be

**SAS Label:**

Age when fractured wrist 5th time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 5th time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 12 to 16 | Range of Values | 2 | 2 |  |
| 80 | 80 or older | 0 | 2 |  |
| 77777 | Refused | 0 | 2 |  |
| 99999 | Don't know | 0 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSQ040be - Under/over 50 when fracd. wrist 5th time

**Variable Name:**

OSQ040be

**SAS Label:**

Under/over 50 when fracd. wrist 5th time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 2 | 2 | OSQ025 |
| 2 | 50 years old or older? | 0 | 2 |  |
| 7 | Refused | 0 | 2 | OSQ025 |
| 9 | Don't know | 0 | 2 | OSQ025 |
| . | Missing | 3813 | 3815 |  |

OSD030bf - Age when fractured wrist 6th time

**Variable Name:**

OSD030bf

**SAS Label:**

Age when fractured wrist 6th time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 6th time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 16 to 23 | Range of Values | 2 | 2 |  |
| 80 | 80 or older | 0 | 2 |  |
| 77777 | Refused | 0 | 2 |  |
| 99999 | Don't know | 0 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSQ040bf - Under/over 50 when fracd. wrist 6th time

**Variable Name:**

OSQ040bf

**SAS Label:**

Under/over 50 when fracd. wrist 6th time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 2 | 2 | OSQ025 |
| 2 | 50 years old or older? | 0 | 2 |  |
| 7 | Refused | 0 | 2 | OSQ025 |
| 9 | Don't know | 0 | 2 | OSQ025 |
| . | Missing | 3813 | 3815 |  |

OSD030bg - Age when fractured wrist 7th time

**Variable Name:**

OSD030bg

**SAS Label:**

Age when fractured wrist 7th time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} wrist the 7th time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 18 | 18 | 1 | 1 |  |
| 80 | 80 or older | 0 | 1 |  |
| 77777 | Refused | 0 | 1 |  |
| 99999 | Don't know | 0 | 1 |  |
| . | Missing | 3814 | 3815 |  |

OSQ040bg - Under/over 50 when fracd. wrist 7th time

**Variable Name:**

OSQ040bg

**SAS Label:**

Under/over 50 when fracd. wrist 7th time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 1 | 1 | OSQ025 |
| 2 | 50 years old or older? | 0 | 1 |  |
| 7 | Refused | 0 | 1 | OSQ025 |
| 9 | Don't know | 0 | 1 | OSQ025 |
| . | Missing | 3814 | 3815 |  |

OSD030bh - Age when fractured wrist 8th time

**Variable Name:**

OSD030bh

**SAS Label:**

Age when fractured wrist 8th time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} {hip/wrist/spine} {the {1st/2nd/10th or more recent time . . .} time}?

**English Instructions:**

CAPI INSTRUCTION: IF ONLY BROKE HIP, WRIST OR SPINE 1 TIME, DO NOT DISPLAY "THE {1ST/2ND . . .} TIME". IF 10TH TIME, DISPLAY {10TH OR MOST RECENT TIME}. ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 20 | 20 | 1 | 1 |  |
| 80 | 80 or older | 0 | 1 |  |
| 77777 | Refused | 0 | 1 |  |
| 99999 | Don't know | 0 | 1 |  |
| . | Missing | 3814 | 3815 |  |

OSQ040bh - Under/over 50 when fracd. wrist 8th time

**Variable Name:**

OSQ040bh

**SAS Label:**

Under/over 50 when fracd. wrist 8th time

**English Text:**

{Were you/Was SP} . . .

**English Instructions:**

IF REFUSED OR DON'T KNOW, ASK OSQ.030 - OSQ.050 FOR NEXT INCIDENT OF FRACTURE. IF NO NEXT INCIDENT, GO TO OSQ.060.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 1 | 1 |  |
| 2 | 50 years old or older? | 0 | 1 |  |
| 7 | Refused | 0 | 1 |  |
| 9 | Don't know | 0 | 1 |  |
| . | Missing | 3814 | 3815 |  |

OSD030bi - Age when fractured wrist 9th time

**Variable Name:**

OSD030bi

**SAS Label:**

Age when fractured wrist 9th time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} {hip/wrist/spine} {the {1st/2nd/10th or more recent time . . .} time}?

**English Instructions:**

CAPI INSTRUCTION: IF ONLY BROKE HIP, WRIST OR SPINE 1 TIME, DO NOT DISPLAY "THE {1ST/2ND . . .} TIME". IF 10TH TIME, DISPLAY {10TH OR MOST RECENT TIME}. ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 23 | 23 | 1 | 1 |  |
| 80 | 80 or older | 0 | 1 |  |
| 77777 | Refused | 0 | 1 |  |
| 99999 | Don't know | 0 | 1 |  |
| . | Missing | 3814 | 3815 |  |

OSQ040bi - Under/over 50 when fracd. wrist 9th time

**Variable Name:**

OSQ040bi

**SAS Label:**

Under/over 50 when fracd. wrist 9th time

**English Text:**

{Were you/Was SP} . . .

**English Instructions:**

IF REFUSED OR DON'T KNOW, ASK OSQ.030 - OSQ.050 FOR NEXT INCIDENT OF FRACTURE. IF NO NEXT INCIDENT, GO TO OSQ.060.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 1 | 1 |  |
| 2 | 50 years old or older? | 0 | 1 |  |
| 7 | Refused | 0 | 1 |  |
| 9 | Don't know | 0 | 1 |  |
| . | Missing | 3814 | 3815 |  |

OSD030bj - Age when fractured wrist 10th time

**Variable Name:**

OSD030bj

**SAS Label:**

Age when fractured wrist 10th time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} {hip/wrist/spine} {the {1st/2nd/10th or more recent time . . .} time}?

**English Instructions:**

CAPI INSTRUCTION: IF ONLY BROKE HIP, WRIST OR SPINE 1 TIME, DO NOT DISPLAY "THE {1ST/2ND . . .} TIME". IF 10TH TIME, DISPLAY {10TH OR MOST RECENT TIME}. ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 30 | 30 | 1 | 1 |  |
| 80 | 80 or older | 0 | 1 |  |
| 77777 | Refused | 0 | 1 |  |
| 99999 | Don't know | 0 | 1 |  |
| . | Missing | 3814 | 3815 |  |

OSQ040bj - Under/over 50 when fracd wrist 10th time

**Variable Name:**

OSQ040bj

**SAS Label:**

Under/over 50 when fracd wrist 10th time

**English Text:**

{Were you/Was SP} . . .

**English Instructions:**

IF REFUSED OR DON'T KNOW, ASK OSQ.030 - OSQ.050 FOR NEXT INCIDENT OF FRACTURE. IF NO NEXT INCIDENT, GO TO OSQ.060.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 1 | 1 |  |
| 2 | 50 years old or older? | 0 | 1 |  |
| 7 | Refused | 0 | 1 |  |
| 9 | Don't know | 0 | 1 |  |
| . | Missing | 3814 | 3815 |  |

OSD030ca - Age when fractured spine 1st time

**Variable Name:**

OSD030ca

**SAS Label:**

Age when fractured spine 1st time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 1st time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 2 to 79 | Range of Values | 72 | 72 |  |
| 80 | 80 or older | 0 | 72 |  |
| 77777 | Refused | 0 | 72 |  |
| 99999 | Don't know | 4 | 76 |  |
| . | Missing | 3739 | 3815 |  |

OSQ040ca - Under/over 50 when fracd. spine 1st time

**Variable Name:**

OSQ040ca

**SAS Label:**

Under/over 50 when fracd. spine 1st time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 58 | 58 | OSQ025 |
| 2 | 50 years old or older? | 18 | 76 |  |
| 7 | Refused | 0 | 76 | OSQ025 |
| 9 | Don't know | 0 | 76 | OSQ025 |
| . | Missing | 3739 | 3815 |  |

OSD050ca - Reason spine fracture occurred 1st time

**Variable Name:**

OSD050ca

**SAS Label:**

Reason spine fracture occurred 1st time

**English Text:**

Did that fracture occur as a result of . . .

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 5 | 5 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 3 | 8 |  |
| 3 | A car accident or other severe trauma | 7 | 15 |  |
| 7 | Refused | 0 | 15 |  |
| 9 | Don't know | 4 | 19 |  |
| . | Missing | 3796 | 3815 |  |

OSD030cb - Age when fractured spine 2nd time

**Variable Name:**

OSD030cb

**SAS Label:**

Age when fractured spine 2nd time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 2nd time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 22 to 52 | Range of Values | 7 | 7 |  |
| 80 | 80 or older | 0 | 7 |  |
| 77777 | Refused | 0 | 7 |  |
| 99999 | Don't know | 2 | 9 |  |
| . | Missing | 3806 | 3815 |  |

OSQ040cb - Under/over 50 when fracd. spine 2nd time

**Variable Name:**

OSQ040cb

**SAS Label:**

Under/over 50 when fracd. spine 2nd time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 7 | 7 | OSQ025 |
| 2 | 50 years old or older? | 1 | 8 |  |
| 7 | Refused | 0 | 8 | OSQ025 |
| 9 | Don't know | 1 | 9 | OSQ025 |
| . | Missing | 3806 | 3815 |  |

OSD050cb - Reason spine fracture occurred 2nd time

**Variable Name:**

OSD050cb

**SAS Label:**

Reason spine fracture occurred 2nd time

**English Text:**

Did that fracture occur as a result of . . .

**Target:**

Both males and females 50 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | A fall from standing height or less, for example, tripped, slipped, fell out of bed | 0 | 0 |  |
| 2 | A hard fall, such as falling off a ladder or step stool, down stairs | 1 | 1 |  |
| 3 | A car accident or other severe trauma | 0 | 1 |  |
| 7 | Refused | 0 | 1 |  |
| 9 | Don't know | 0 | 1 |  |
| . | Missing | 3814 | 3815 |  |

OSD030cc - Age when fractured spine 3rd time

**Variable Name:**

OSD030cc

**SAS Label:**

Age when fractured spine 3rd time

**English Text:**

How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 3rd time?

**English Instructions:**

ENTER AGE IN YEARS. SKIP TO OSQ045.

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 42 | 42 | 1 | 1 |  |
| 80 | 80 or older | 0 | 1 |  |
| 77777 | Refused | 0 | 1 |  |
| 99999 | Don't know | 1 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSQ040cc - Under/over 50 when fracd. spine 3rd time

**Variable Name:**

OSQ040cc

**SAS Label:**

Under/over 50 when fracd. spine 3rd time

**English Text:**

{Were you/Was SP} . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 2 | 2 | OSQ025 |
| 2 | 50 years old or older? | 0 | 2 |  |
| 7 | Refused | 0 | 2 | OSQ025 |
| 9 | Don't know | 0 | 2 | OSQ025 |
| . | Missing | 3813 | 3815 |  |

OSQ080 - Doctor ever told any other fractures?

**Variable Name:**

OSQ080

**SAS Label:**

Doctor ever told any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bone after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 922 | 922 |  |
| 2 | No | 2890 | 3812 | OSQ060 |
| 7 | Refused | 0 | 3812 | OSQ060 |
| 9 | Don't know | 3 | 3815 | OSQ060 |
| . | Missing | 0 | 3815 |  |

OSQ090a - Fracture result of severe trauma?

**Variable Name:**

OSQ090a

**SAS Label:**

Fracture result of severe trauma?

**English Text:**

Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs?

**English Instructions:**

CAPI INSTRUCTION: HELP SCREEN SHOULD READ: Do not include a fall from standing height or less, for example, tripped, slipped, fell out of bed, leg gave way, was dizzy, fell bending over, or fell out of a chair. Additional examples for "a hard fall" include being knocked down by another person or bicycle.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 685 | 685 | OSQ120a |
| 2 | No | 236 | 921 |  |
| 7 | Refused | 0 | 921 | OSQ120a |
| 9 | Don't know | 1 | 922 | OSQ120a |
| . | Missing | 2893 | 3815 |  |

OSQ100a - Where fracture occurred

**Variable Name:**

OSQ100a

**SAS Label:**

Where fracture occurred

**English Text:**

Please look at this card and tell me where the fracture occurred.

**English Instructions:**

HAND CARD OSQ 1

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 10 | HEAD/FACE | 2 | 2 |  |
| 11 | UPPER ARM (HUMERUS) | 2 | 4 |  |
| 12 | LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST) | 2 | 6 |  |
| 13 | ELBOW | 5 | 11 |  |
| 14 | HAND | 17 | 28 |  |
| 15 | FINGERS | 41 | 69 |  |
| 16 | SHOULDER | 5 | 74 |  |
| 17 | COLLAR BONE | 0 | 74 |  |
| 18 | RIBS (EITHER SIDE) | 14 | 88 |  |
| 19 | PELVIS (NOT HIP) | 0 | 88 |  |
| 20 | UPPER LEG (THIGH EXCLUDING HIP) | 1 | 89 |  |
| 21 | LOWER LEG (BETWEEN ANKLE AND KNEE) | 13 | 102 |  |
| 22 | KNEE (PATELLA) | 8 | 110 |  |
| 23 | ANKLE | 41 | 151 |  |
| 24 | HEEL | 1 | 152 |  |
| 25 | FOOT | 35 | 187 |  |
| 26 | TOES | 42 | 229 |  |
| 27 | OTHER (DO NOT SPECIFY) | 7 | 236 |  |
| 77 | Refused | 0 | 236 |  |
| 99 | Don't know | 0 | 236 |  |
| . | Missing | 3579 | 3815 |  |

OSD110a - How old when fracture occurred?

**Variable Name:**

OSD110a

**SAS Label:**

How old when fracture occurred?

**English Text:**

How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100a) for the first time after age 20?

**English Instructions:**

ENTER AGE IN YEARS

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 20 to 78 | Range of Values | 226 | 226 |  |
| 80 | 80 or older | 6 | 232 |  |
| 777 | Refused | 0 | 232 |  |
| 999 | Don't know | 4 | 236 |  |
| . | Missing | 3579 | 3815 |  |

OSQ120a - Any other fractures?

**Variable Name:**

OSQ120a

**SAS Label:**

Any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bones after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 242 | 242 |  |
| 2 | No | 680 | 922 | OSQ060 |
| 7 | Refused | 0 | 922 | OSQ060 |
| 9 | Don't know | 0 | 922 | OSQ060 |
| . | Missing | 2893 | 3815 |  |

OSQ090b - Fracture result of severe trauma?

**Variable Name:**

OSQ090b

**SAS Label:**

Fracture result of severe trauma?

**English Text:**

Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs?

**English Instructions:**

CAPI INSTRUCTION: HELP SCREEN SHOULD READ: Do not include a fall from standing height or less, for example, tripped, slipped, fell out of bed, leg gave way, was dizzy, fell bending over, or fell out of a chair. Additional examples for "a hard fall" include being knocked down by another person or bicycle.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 170 | 170 | OSQ120b |
| 2 | No | 71 | 241 |  |
| 7 | Refused | 0 | 241 | OSQ120b |
| 9 | Don't know | 1 | 242 | OSQ120b |
| . | Missing | 3573 | 3815 |  |

OSQ100b - Where fracture occurred

**Variable Name:**

OSQ100b

**SAS Label:**

Where fracture occurred

**English Text:**

Please look at this card and tell me where the fracture occurred.

**English Instructions:**

HAND CARD OSQ 1

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 10 | HEAD/FACE | 2 | 2 |  |
| 11 | UPPER ARM (HUMERUS) | 2 | 4 |  |
| 12 | LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST) | 2 | 6 |  |
| 13 | ELBOW | 0 | 6 |  |
| 14 | HAND | 2 | 8 |  |
| 15 | FINGERS | 13 | 21 |  |
| 16 | SHOULDER | 2 | 23 |  |
| 17 | COLLAR BONE | 1 | 24 |  |
| 18 | RIBS (EITHER SIDE) | 0 | 24 |  |
| 19 | PELVIS (NOT HIP) | 1 | 25 |  |
| 20 | UPPER LEG (THIGH EXCLUDING HIP) | 1 | 26 |  |
| 21 | LOWER LEG (BETWEEN ANKLE AND KNEE) | 3 | 29 |  |
| 22 | KNEE (PATELLA) | 0 | 29 |  |
| 23 | ANKLE | 15 | 44 |  |
| 24 | HEEL | 0 | 44 |  |
| 25 | FOOT | 9 | 53 |  |
| 26 | TOES | 14 | 67 |  |
| 27 | OTHER (DO NOT SPECIFY) | 4 | 71 |  |
| 77 | Refused | 0 | 71 |  |
| 99 | Don't know | 0 | 71 |  |
| . | Missing | 3744 | 3815 |  |

OSD110b - How old when fracture occurred?

**Variable Name:**

OSD110b

**SAS Label:**

How old when fracture occurred?

**English Text:**

How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100b) for the first time after age 20?

**English Instructions:**

ENTER AGE IN YEARS

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 20 to 66 | Range of Values | 68 | 68 |  |
| 80 | 80 or older | 2 | 70 |  |
| 777 | Refused | 0 | 70 |  |
| 999 | Don't know | 1 | 71 |  |
| . | Missing | 3744 | 3815 |  |

OSQ120b - Any other fractures?

**Variable Name:**

OSQ120b

**SAS Label:**

Any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bones after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 80 | 80 |  |
| 2 | No | 162 | 242 | OSQ060 |
| 7 | Refused | 0 | 242 | OSQ060 |
| 9 | Don't know | 0 | 242 | OSQ060 |
| . | Missing | 3573 | 3815 |  |

OSQ090c - Fracture result of severe trauma?

**Variable Name:**

OSQ090c

**SAS Label:**

Fracture result of severe trauma?

**English Text:**

Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs?

**English Instructions:**

CAPI INSTRUCTION: HELP SCREEN SHOULD READ: Do not include a fall from standing height or less, for example, tripped, slipped, fell out of bed, leg gave way, was dizzy, fell bending over, or fell out of a chair. Additional examples for "a hard fall" include being knocked down by another person or bicycle.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 60 | 60 | OSQ120c |
| 2 | No | 20 | 80 |  |
| 7 | Refused | 0 | 80 | OSQ120c |
| 9 | Don't know | 0 | 80 | OSQ120c |
| . | Missing | 3735 | 3815 |  |

OSQ100c - Where fracture occurred

**Variable Name:**

OSQ100c

**SAS Label:**

Where fracture occurred

**English Text:**

Please look at this card and tell me where the fracture occurred.

**English Instructions:**

HAND CARD OSQ 1

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 10 | HEAD/FACE | 0 | 0 |  |
| 11 | UPPER ARM (HUMERUS) | 0 | 0 |  |
| 12 | LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST) | 1 | 1 |  |
| 13 | ELBOW | 0 | 1 |  |
| 14 | HAND | 0 | 1 |  |
| 15 | FINGERS | 2 | 3 |  |
| 16 | SHOULDER | 2 | 5 |  |
| 17 | COLLAR BONE | 2 | 7 |  |
| 18 | RIBS (EITHER SIDE) | 1 | 8 |  |
| 19 | PELVIS (NOT HIP) | 0 | 8 |  |
| 20 | UPPER LEG (THIGH EXCLUDING HIP) | 0 | 8 |  |
| 21 | LOWER LEG (BETWEEN ANKLE AND KNEE) | 0 | 8 |  |
| 22 | KNEE (PATELLA) | 0 | 8 |  |
| 23 | ANKLE | 3 | 11 |  |
| 24 | HEEL | 0 | 11 |  |
| 25 | FOOT | 7 | 18 |  |
| 26 | TOES | 2 | 20 |  |
| 27 | OTHER (DO NOT SPECIFY) | 0 | 20 |  |
| 77 | Refused | 0 | 20 |  |
| 99 | Don't know | 0 | 20 |  |
| . | Missing | 3795 | 3815 |  |

OSD110c - How old when fracture occurred?

**Variable Name:**

OSD110c

**SAS Label:**

How old when fracture occurred?

**English Text:**

How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100c) for the first time after age 20?

**English Instructions:**

ENTER AGE IN YEARS

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 20 to 60 | Range of Values | 18 | 18 |  |
| 80 | 80 or older | 2 | 20 |  |
| 777 | Refused | 0 | 20 |  |
| 999 | Don't know | 0 | 20 |  |
| . | Missing | 3795 | 3815 |  |

OSQ120c - Any other fractures?

**Variable Name:**

OSQ120c

**SAS Label:**

Any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bones after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 36 | 36 |  |
| 2 | No | 44 | 80 | OSQ060 |
| 7 | Refused | 0 | 80 | OSQ060 |
| 9 | Don't know | 0 | 80 | OSQ060 |
| . | Missing | 3735 | 3815 |  |

OSQ090d - Fracture result of severe trauma?

**Variable Name:**

OSQ090d

**SAS Label:**

Fracture result of severe trauma?

**English Text:**

Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs?

**English Instructions:**

CAPI INSTRUCTION: HELP SCREEN SHOULD READ: Do not include a fall from standing height or less, for example, tripped, slipped, fell out of bed, leg gave way, was dizzy, fell bending over, or fell out of a chair. Additional examples for "a hard fall" include being knocked down by another person or bicycle.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 28 | 28 | OSQ120d |
| 2 | No | 8 | 36 |  |
| 7 | Refused | 0 | 36 | OSQ120d |
| 9 | Don't know | 0 | 36 | OSQ120d |
| . | Missing | 3779 | 3815 |  |

OSQ100d - Where fracture occurred

**Variable Name:**

OSQ100d

**SAS Label:**

Where fracture occurred

**English Text:**

Please look at this card and tell me where the fracture occurred.

**English Instructions:**

HAND CARD OSQ 1

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 10 | HEAD/FACE | 0 | 0 |  |
| 11 | UPPER ARM (HUMERUS) | 0 | 0 |  |
| 12 | LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST) | 0 | 0 |  |
| 13 | ELBOW | 0 | 0 |  |
| 14 | HAND | 0 | 0 |  |
| 15 | FINGERS | 2 | 2 |  |
| 16 | SHOULDER | 0 | 2 |  |
| 17 | COLLAR BONE | 1 | 3 |  |
| 18 | RIBS (EITHER SIDE) | 2 | 5 |  |
| 19 | PELVIS (NOT HIP) | 0 | 5 |  |
| 20 | UPPER LEG (THIGH EXCLUDING HIP) | 0 | 5 |  |
| 21 | LOWER LEG (BETWEEN ANKLE AND KNEE) | 0 | 5 |  |
| 22 | KNEE (PATELLA) | 0 | 5 |  |
| 23 | ANKLE | 1 | 6 |  |
| 24 | HEEL | 0 | 6 |  |
| 25 | FOOT | 0 | 6 |  |
| 26 | TOES | 0 | 6 |  |
| 27 | OTHER (DO NOT SPECIFY) | 2 | 8 |  |
| 77 | Refused | 0 | 8 |  |
| 99 | Don't know | 0 | 8 |  |
| . | Missing | 3807 | 3815 |  |

OSD110d - How old when fracture occurred?

**Variable Name:**

OSD110d

**SAS Label:**

How old when fracture occurred?

**English Text:**

How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100d) for the first time after age 20?

**English Instructions:**

ENTER AGE IN YEARS

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 21 to 55 | Range of Values | 7 | 7 |  |
| 80 | 80 or older | 0 | 7 |  |
| 777 | Refused | 0 | 7 |  |
| 999 | Don't know | 1 | 8 |  |
| . | Missing | 3807 | 3815 |  |

OSQ120d - Any other fractures?

**Variable Name:**

OSQ120d

**SAS Label:**

Any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bones after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 12 | 12 |  |
| 2 | No | 24 | 36 | OSQ060 |
| 7 | Refused | 0 | 36 | OSQ060 |
| 9 | Don't know | 0 | 36 | OSQ060 |
| . | Missing | 3779 | 3815 |  |

OSQ090e - Fracture result of severe trauma?

**Variable Name:**

OSQ090e

**SAS Label:**

Fracture result of severe trauma?

**English Text:**

Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs?

**English Instructions:**

CAPI INSTRUCTION: HELP SCREEN SHOULD READ: Do not include a fall from standing height or less, for example, tripped, slipped, fell out of bed, leg gave way, was dizzy, fell bending over, or fell out of a chair. Additional examples for "a hard fall" include being knocked down by another person or bicycle.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 9 | 9 | OSQ120e |
| 2 | No | 3 | 12 |  |
| 7 | Refused | 0 | 12 | OSQ120e |
| 9 | Don't know | 0 | 12 | OSQ120e |
| . | Missing | 3803 | 3815 |  |

OSQ100e - Where fracture occurred

**Variable Name:**

OSQ100e

**SAS Label:**

Where fracture occurred

**English Text:**

Please look at this card and tell me where the fracture occurred.

**English Instructions:**

HAND CARD OSQ 1

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 10 | HEAD/FACE | 0 | 0 |  |
| 11 | UPPER ARM (HUMERUS) | 1 | 1 |  |
| 12 | LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST) | 0 | 1 |  |
| 13 | ELBOW | 0 | 1 |  |
| 14 | HAND | 0 | 1 |  |
| 15 | FINGERS | 1 | 2 |  |
| 16 | SHOULDER | 0 | 2 |  |
| 17 | COLLAR BONE | 0 | 2 |  |
| 18 | RIBS (EITHER SIDE) | 1 | 3 |  |
| 19 | PELVIS (NOT HIP) | 0 | 3 |  |
| 20 | UPPER LEG (THIGH EXCLUDING HIP) | 0 | 3 |  |
| 21 | LOWER LEG (BETWEEN ANKLE AND KNEE) | 0 | 3 |  |
| 22 | KNEE (PATELLA) | 0 | 3 |  |
| 23 | ANKLE | 0 | 3 |  |
| 24 | HEEL | 0 | 3 |  |
| 25 | FOOT | 0 | 3 |  |
| 26 | TOES | 0 | 3 |  |
| 27 | OTHER (DO NOT SPECIFY) | 0 | 3 |  |
| 77 | Refused | 0 | 3 |  |
| 99 | Don't know | 0 | 3 |  |
| . | Missing | 3812 | 3815 |  |

OSD110e - How old when fracture occurred?

**Variable Name:**

OSD110e

**SAS Label:**

How old when fracture occurred?

**English Text:**

How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100e) for the first time after age 20?

**English Instructions:**

ENTER AGE IN YEARS

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 30 to 73 | Range of Values | 3 | 3 |  |
| 80 | 80 or older | 0 | 3 |  |
| 777 | Refused | 0 | 3 |  |
| 999 | Don't know | 0 | 3 |  |
| . | Missing | 3812 | 3815 |  |

OSQ120e - Any other fractures?

**Variable Name:**

OSQ120e

**SAS Label:**

Any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bones after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 5 | 5 |  |
| 2 | No | 7 | 12 | OSQ060 |
| 7 | Refused | 0 | 12 | OSQ060 |
| 9 | Don't know | 0 | 12 | OSQ060 |
| . | Missing | 3803 | 3815 |  |

OSQ090f - Fracture result of severe trauma?

**Variable Name:**

OSQ090f

**SAS Label:**

Fracture result of severe trauma?

**English Text:**

Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs?

**English Instructions:**

CAPI INSTRUCTION: HELP SCREEN SHOULD READ: Do not include a fall from standing height or less, for example, tripped, slipped, fell out of bed, leg gave way, was dizzy, fell bending over, or fell out of a chair. Additional examples for "a hard fall" include being knocked down by another person or bicycle.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 5 | 5 | OSQ120f |
| 2 | No | 0 | 5 |  |
| 7 | Refused | 0 | 5 | OSQ120f |
| 9 | Don't know | 0 | 5 | OSQ120f |
| . | Missing | 3810 | 3815 |  |

OSQ120f - Any other fractures?

**Variable Name:**

OSQ120f

**SAS Label:**

Any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bones after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 4 | 4 |  |
| 2 | No | 1 | 5 | OSQ060 |
| 7 | Refused | 0 | 5 | OSQ060 |
| 9 | Don't know | 0 | 5 | OSQ060 |
| . | Missing | 3810 | 3815 |  |

OSQ090g - Fracture result of severe trauma?

**Variable Name:**

OSQ090g

**SAS Label:**

Fracture result of severe trauma?

**English Text:**

Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs?

**English Instructions:**

CAPI INSTRUCTION: HELP SCREEN SHOULD READ: Do not include a fall from standing height or less, for example, tripped, slipped, fell out of bed, leg gave way, was dizzy, fell bending over, or fell out of a chair. Additional examples for "a hard fall" include being knocked down by another person or bicycle.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 2 | 2 |  |
| 2 | No | 2 | 4 |  |
| 7 | Refused | 0 | 4 |  |
| 9 | Don't know | 0 | 4 |  |
| . | Missing | 3811 | 3815 |  |

OSQ100g - Where fracture occurred

**Variable Name:**

OSQ100g

**SAS Label:**

Where fracture occurred

**English Text:**

Please look at this card and tell me where the fracture occurred.

**English Instructions:**

HAND CARD OSQ 1

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 10 | HEAD/FACE | 0 | 0 |  |
| 11 | UPPER ARM (HUMERUS) | 0 | 0 |  |
| 12 | LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST) | 1 | 1 |  |
| 13 | ELBOW | 0 | 1 |  |
| 14 | HAND | 0 | 1 |  |
| 15 | FINGERS | 0 | 1 |  |
| 16 | SHOULDER | 0 | 1 |  |
| 17 | COLLAR BONE | 0 | 1 |  |
| 18 | RIBS (EITHER SIDE) | 0 | 1 |  |
| 19 | PELVIS (NOT HIP) | 0 | 1 |  |
| 20 | UPPER LEG (THIGH EXCLUDING HIP) | 0 | 1 |  |
| 21 | LOWER LEG (BETWEEN ANKLE AND KNEE) | 0 | 1 |  |
| 22 | KNEE (PATELLA) | 0 | 1 |  |
| 23 | ANKLE | 0 | 1 |  |
| 24 | HEEL | 0 | 1 |  |
| 25 | FOOT | 1 | 2 |  |
| 26 | TOES | 0 | 2 |  |
| 27 | OTHER (DO NOT SPECIFY) | 0 | 2 |  |
| 77 | Refused | 0 | 2 |  |
| 99 | Don't know | 0 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSD110g - How old when fracture occurred?

**Variable Name:**

OSD110g

**SAS Label:**

How old when fracture occurred?

**English Text:**

How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100d) for the first time after age 20?

**English Instructions:**

ENTER AGE IN YEARS

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 79

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 22 to 27 | Range of Values | 2 | 2 |  |
| 80 | 80 or older | 0 | 2 |  |
| 777 | Refused | 0 | 2 |  |
| 999 | Don't know | 0 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSQ120g - Any other fractures?

**Variable Name:**

OSQ120g

**SAS Label:**

Any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bones after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 2 | 2 |  |
| 2 | No | 2 | 4 | OSQ060 |
| 7 | Refused | 0 | 4 | OSQ060 |
| 9 | Don't know | 0 | 4 | OSQ060 |
| . | Missing | 3811 | 3815 |  |

OSQ090h - Fracture result of severe trauma?

**Variable Name:**

OSQ090h

**SAS Label:**

Fracture result of severe trauma?

**English Text:**

Was this fracture the result of severe trauma such as a car accident, being struck by a vehicle, a physical attack, or a hard fall such as falling off a ladder or down stairs?

**English Instructions:**

CAPI INSTRUCTION: HELP SCREEN SHOULD READ: Do not include a fall from standing height or less, for example, tripped, slipped, fell out of bed, leg gave way, was dizzy, fell bending over, or fell out of a chair. Additional examples for "a hard fall" include being knocked down by another person or bicycle.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 2 | 2 |  |
| 2 | No | 0 | 2 |  |
| 7 | Refused | 0 | 2 |  |
| 9 | Don't know | 0 | 2 |  |
| . | Missing | 3813 | 3815 |  |

OSQ120h - Any other fractures?

**Variable Name:**

OSQ120h

**SAS Label:**

Any other fractures?

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had broken or fractured any other bones after {you were/s/he was} 20 years of age?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 0 | 0 |  |
| 2 | No | 2 | 2 | OSQ060 |
| 7 | Refused | 0 | 2 | OSQ060 |
| 9 | Don't know | 0 | 2 | OSQ060 |
| . | Missing | 3813 | 3815 |  |

OSQ129 - CHECK ITEM

**Variable Name:**

OSQ129

**English Instructions:**

CHECK ITEM OSQ129: IF OSQ120 = 1 (YES), CONTINUE WITH LOOP 2. OTHERWISE, GO TO OSQ060. LOOP 2: ASK OSQ090 - OSQ120 FOR NEXT INCIDENT OF FRACTURE. IF NO NEXT INCIDENT, CONTINUE.

**Target:**

Both males and females 40 YEARS - 150 YEARS

OSQ060 - Ever told had osteoporosis/brittle bones

**Variable Name:**

OSQ060

**SAS Label:**

Ever told had osteoporosis/brittle bones

**English Text:**

Has a doctor ever told {you/SP} that {you/s/he} had osteoporosis, sometimes called thin or brittle bones?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 322 | 322 |  |
| 2 | No | 3481 | 3803 | OSQ130 |
| 7 | Refused | 0 | 3803 | OSQ130 |
| 9 | Don't know | 12 | 3815 | OSQ130 |
| . | Missing | 0 | 3815 |  |

OSQ072 - Doctor prescribe RX for osteoporosis?

**Variable Name:**

OSQ072

**SAS Label:**

Doctor prescribe RX for osteoporosis?

**English Text:**

Please look at the drugs on this card that are prescribed for osteoporosis. {Have you/Has SP} ever been told by a doctor or other health care professional to take a prescribed medicine for osteoporosis?

**English Instructions:**

HAND CARD OSQ 2

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 176 | 176 |  |
| 2 | No | 141 | 317 |  |
| 7 | Refused | 0 | 317 |  |
| 9 | Don't know | 5 | 322 |  |
| . | Missing | 3493 | 3815 |  |

OSQ130 - Ever taken prednisone or cortisone daily

**Variable Name:**

OSQ130

**SAS Label:**

Ever taken prednisone or cortisone daily

**English Text:**

{Have you/has SP} ever taken any prednisone or cortisone pills nearly every day for a month or longer? [Prednisone and cortisone are types of steroids.]

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 220 | 220 |  |
| 2 | No | 3573 | 3793 | OSQ150 |
| 7 | Refused | 0 | 3793 | OSQ150 |
| 9 | Don't know | 22 | 3815 | OSQ150 |
| . | Missing | 0 | 3815 |  |

OSQ140q - How long used prednisone or cortisone?

**Variable Name:**

OSQ140q

**SAS Label:**

How long used prednisone or cortisone?

**English Text:**

Please think about {your/SP's} use of prednisone or cortisone during {your/his/her} lifetime. For how long did {you/s/he} use prednisone or cortisone nearly every day? Do not count the months or years when {you were/s/he was} not taking the medicine.

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 35 | Range of Values | 207 | 207 |  |
| 777 | Refused | 0 | 207 |  |
| 999 | Don't know | 13 | 220 |  |
| . | Missing | 3595 | 3815 |  |

OSQ140u - How long used prednisone or cortisone?

**Variable Name:**

OSQ140u

**SAS Label:**

How long used prednisone or cortisone?

**English Text:**

How long used prednisone or cortisone: month, year?

**English Instructions:**

ENTER UNIT

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Month | 133 | 133 |  |
| 2 | Year | 74 | 207 |  |
| 7 | Refused | 0 | 207 |  |
| 9 | Don't know | 0 | 207 |  |
| . | Missing | 3608 | 3815 |  |

OSQ150 - Parents ever told had osteoporosis?

**Variable Name:**

OSQ150

**SAS Label:**

Parents ever told had osteoporosis?

**English Text:**

Including living and deceased, were either of {your/SP's} biological parents ever told by a health professional that they had osteoporosis or brittle bones?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 458 | 458 |  |
| 2 | No | 3138 | 3596 | OSQ170 |
| 7 | Refused | 3 | 3599 | OSQ170 |
| 9 | Don't know | 216 | 3815 | OSQ170 |
| . | Missing | 0 | 3815 |  |

OSQ160a - Mother was told had osteoporosis

**Variable Name:**

OSQ160a

**SAS Label:**

Mother was told had osteoporosis

**English Text:**

Mother was told had osteoporosis?

**English Instructions:**

CODE ALL THAT APPLY

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Mother | 436 | 436 |  |
| 7 | Refused | 0 | 436 |  |
| 9 | Don't know | 0 | 436 |  |
| . | Missing | 3379 | 3815 |  |

OSQ160b - Father was told had osteoporosis

**Variable Name:**

OSQ160b

**SAS Label:**

Father was told had osteoporosis

**English Text:**

Father was told had osteoporosis?

**English Instructions:**

CODE ALL THAT APPLY

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 2 | Father | 30 | 30 |  |
| . | Missing | 3785 | 3815 |  |

OSQ170 - Did mother ever fracture hip?

**Variable Name:**

OSQ170

**SAS Label:**

Did mother ever fracture hip?

**English Text:**

Did {your/SP's} biological mother ever fracture her hip?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 256 | 256 |  |
| 2 | No | 3416 | 3672 | OSQ200 |
| 7 | Refused | 0 | 3672 | OSQ200 |
| 9 | Don't know | 143 | 3815 | OSQ200 |
| . | Missing | 0 | 3815 |  |

OSQ180 - How old mother when fractured hip?

**Variable Name:**

OSQ180

**SAS Label:**

How old mother when fractured hip?

**English Text:**

About how old was your mother when she fractured her hip (the first time)?

**English Instructions:**

ENTER AGE IN YEARS

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 150

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 19 to 100 | Range of Values | 242 | 242 |  |
| 777 | Refused | 0 | 242 |  |
| 999 | Don't know | 14 | 256 |  |
| . | Missing | 3559 | 3815 |  |

OSQ190 - Over or under 50 years old?

**Variable Name:**

OSQ190

**SAS Label:**

Over or under 50 years old?

**English Text:**

Was she. . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | under 50 years or | 3 | 3 |  |
| 2 | 50 years or older? | 10 | 13 |  |
| 7 | Refused | 0 | 13 |  |
| 9 | Don't know | 1 | 14 |  |
| . | Missing | 3801 | 3815 |  |

OSQ200 - Did father ever fracture hip?

**Variable Name:**

OSQ200

**SAS Label:**

Did father ever fracture hip?

**English Text:**

Did {your/SP's} biological father ever fracture his hip?

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 81 | 81 |  |
| 2 | No | 3550 | 3631 |  |
| 7 | Refused | 1 | 3632 |  |
| 9 | Don't know | 183 | 3815 |  |
| . | Missing | 0 | 3815 |  |

OSQ210 - How old father when fractured hip?

**Variable Name:**

OSQ210

**SAS Label:**

How old father when fractured hip?

**English Text:**

About how old was your father when he fractured his hip (the first time)?

**English Instructions:**

ENTER AGE IN YEARS

**Target:**

Both males and females 40 YEARS - 150 YEARS

**Hard Edits:**

1 to 150

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 19 to 101 | Range of Values | 77 | 77 |  |
| 777 | Refused | 0 | 77 |  |
| 999 | Don't know | 4 | 81 |  |
| . | Missing | 3734 | 3815 |  |

OSQ220 - Over or under 50 years old?

**Variable Name:**

OSQ220

**SAS Label:**

Over or under 50 years old?

**English Text:**

Was he . . .

**Target:**

Both males and females 40 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Under 50 years old, or | 2 | 2 |  |
| 2 | 50 years old or older? | 2 | 4 |  |
| 7 | Refused | 0 | 4 |  |
| 9 | Don't know | 0 | 4 |  |
| . | Missing | 3811 | 3815 |  |