Documentation, Codebook, and Frequencies

Osteoporosis

Questionnaire

Survey Years:
2005 to 2006

SAS Transport File:
OSQ_D.XPT

nhanes

December 2008

NHANES 2005–2006 Data Documentation

Questionnaire Section: Osteoporosis (OSQ_D)

First Published: December 2008   **Last Revised:** N/A

Component Description

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

- Doctor told participant s/he had 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
- Whether the participant has ever been diagnosed as having osteoporosis
- If diagnosed with osteoporosis, whether the participant has been treated for it.

In 2005, additional questions were added on:
- Fractures of any other bones, amount of trauma causing the fractures, and age when the fractures occurred.
- Participant use of prednisone or cortisone pills
- Whether either of the participant's biological parents had ever been diagnosed as having osteoporosis
- Whether the participant's mother had ever fractured her hip, and if so, at what age
- 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 questionnaire under Musculoskeletal Conditions.

Eligible Sample

The target sample for this section is participants 20 years and older.

Interview Setting and Mode of Administration

This questionnaire section was conducted in the home using the Computer-Assisted Personal Interviewing (CAPI) system

The Interviewer Procedure Manuals and Exam Manuals can be found on the NHANES website.

The survey questionnaires can be found on the NHANES website.

Quality Assurance & Quality Control

Frequency counts were verified during the preparation of the file.

For details on the QA/QC process for this component, please refer to the procedures manual on the NHANES website.

Data Processing and Editing

The maximum number of hip fractures reported was 3; the maximum number of wrist fractures reported was 7; and the maximum number of spine fractures reported was 10.

For participants age 85 years and older, 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 85 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: OSQ030ad-aj, OSQ040ad-aj, OSQ050ad-aj, OSQ030bh-bj, OSQ040bh-bj, OSQ050bh-bj.

Analytic Notes

Since these data are collected during the household questionnaire, interview weights should be used. Although these data were collected as part of the household questionnaire, if they are merged with the MEC exam data, exam sample weights should be used for the analyses.

Please refer to the Analytic Guidelines for further details on the use of sample weights and other analytic issues. The Analytic Guidelines are available on the NHANES website.

Locator Record

Title: Osteoporosis (OSQ_D)

Contact Number: 1-866-441-NCHS

Years of Content: 2005–2006

First Published: December 2008

Revised: NA

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: The Osteoporosis section provides personal interview data on fractures at the hip, wrist, and spine; other fractures after 20 years of age: diagnosis of osteoporosis; treatment for osteoporosis; and family history of osteoporosis and hip fractures.

Record Source: NHANES 2005–2006

Survey Methodology: NHANES 2005–2006 is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

Medium: NHANES Web site; SAS transport files

National Health and Nutrition Examination Survey Codebook for Data Production (2005-2006)

Questionnaire Section:
Osteoporosis (OSQ_D)

December 2008

SEQN	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Respondent sequence number

English Text: Respondent sequence number.

English Instructions:

OSQ010a	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	73	73	OSQ020a
2	No	4902	4975	
7	Refused	0	4975	
9	Don't know	4	4979	
.	Missing	0	4979	

OSQ010b	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	472	472	OSQ020b
2	No	4502	4974	
7	Refused	0	4974	
9	Don't know	5	4979	
.	Missing	0	4979	

OSQ010c	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	127	127	OSQ020c
2	No	4844	4971	OSQ025
7	Refused	0	4971	OSQ025
9	Don't know	8	4979	OSQ025
.	Missing	0	4979	

OSQ020a	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 33	# 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.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 3	Range of Values	73	73	
7777	Refused	0	73	OSQ010b
9999	Don't know	0	73	OSQ010b
.	Missing	4906	4979	

OSQ020b	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 33	# 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.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 7	Range of Values	471	471	
7777	Refused	0	471	OSQ010c
9999	Don't know	1	472	OSQ010c
.	Missing	4507	4979	

OSQ020c	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 33	# 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

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 10	Range of Values	125	125	
7777	Refused	0	125	
9999	Don't know	2	127	
.	Missing	4852	4979	

OSQ025	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

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?)

OSD030aa	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 83	Range of Values	62	62	
85	85 or older	9	71	
77777	Refused	0	71	
99999	Don't know	2	73	
.	Missing	4906	4979	

OSQ040aa	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. hip 1st time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	35	35	OSQ025
2	50 years old or older?	38	73	
7	Refused	0	73	OSQ025
9	Don't know	0	73	OSQ025
.	Missing	4906	4979	

OSQ045	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

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

OSD050aa	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	26	26	
2	A hard fall, such as falling off a ladder or step stool, down stairs	6	32	
3	A car accident or other severe trauma	4	36	
7	Refused	0	36	
9	Don't know	2	38	
.	Missing	4941	4979	

OSD030ab	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
70 to 74	Range of Values	2	2	
85	85 or older	1	3	
77777	Refused	0	3	
99999	Don't know	0	3	
.	Missing	4976	4979	

OSQ040ab	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. hip 2nd time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	0	0	OSQ025
2	50 years old or older?	3	3	
7	Refused	0	3	OSQ025
9	Don't know	0	3	OSQ025
.	Missing	4976	4979	

OSD050ab	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason hip fracture occurred 2nd time

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	3	3	
2	A hard fall, such as falling off a ladder or step stool, down stairs	0	3	
3	A car accident or other severe trauma	0	3	
7	Refused	0	3	
9	Don't know	0	3	
.	Missing	4976	4979	

OSD030ac	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
82	82	1	1	
85	85 or older	0	1	
77777	Refused	0	1	
99999	Don't know	0	1	
.	Missing	4978	4979	

OSQ040ac	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. hip 3rd time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	0	0	OSQ025
2	50 years old or older?	1	1	
7	Refused	0	1	OSQ025
9	Don't know	0	1	OSQ025
.	Missing	4978	4979	

OSD050ac	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason hip fracture occurred 3rd time

English Text: Did that fracture occur . . .

English Instructions:

Code or 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	0	1	
3	A car accident or other severe trauma	0	1	
7	Refused	0	1	
9	Don't know	0	1	
.	Missing	4978	4979	

OSD030ba	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 83	Range of Values	462	462	
85	85 or older	4	466	
77777	Refused	0	466	
99999	Don't know	5	471	
.	Missing	4508	4979	

OSQ040ba	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Under/over 50 when fracd. wrist 1st time			

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	382	382	OSQ025
2	50 years old or older?	89	471	
7	Refused	0	471	OSQ025
9	Don't know	0	471	OSQ025
.	Missing	4508	4979	

OSD050ba	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason wrist fracture occurred 1st time

English Text: Did that fracture occur as a result of. . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	59	59	
2	A hard fall, such as falling off a ladder or step stool, down stairs	19	78	
3	A car accident or other severe trauma	11	89	
7	Refused	0	89	
9	Don't know	0	89	
.	Missing	4890	4979	

OSD030bb	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
4 to 79	Range of Values	81	81	
85	85 or older	0	81	
77777	Refused	0	81	
99999	Don't know	0	81	
.	Missing	4898	4979	

OSQ040bb	Target				
	B(20 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Under/over 50 when fracd. wrist 2nd time				

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	64	64	OSQ025
2	50 years old or older?	17	81	
7	Refused	0	81	OSQ025
9	Don't know	0	81	OSQ025
.	Missing	4898	4979	

OSD050bb	Target				
	B(50 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
	Reason wrist fracture occurred 2nd time				

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	12	12	
2	A hard fall, such as falling off a ladder or step stool, down stairs	5	17	
3	A car accident or other severe trauma	0	17	
7	Refused	0	17	
9	Don't know	0	17	
.	Missing	4962	4979	

OSD030bc	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
6 to 65	Range of Values	20	20	
85	85 or older	0	20	
77777	Refused	0	20	
99999	Don't know	0	20	
.	Missing	4959	4979	

OSQ040bc	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. wrist 3rd time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	19	19	OSQ025
2	50 years old or older?	1	20	
7	Refused	0	20	OSQ025
9	Don't know	0	20	OSQ025
.	Missing	4959	4979	

OSD050bc	Target			
	B(50 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Reason wrist fracture occurred 3rd time			

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or 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	0	1	
3	A car accident or other severe trauma	0	1	
7	Refused	0	1	
9	Don't know	0	1	
.	Missing	4978	4979	

OSD030bd	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
8 to 52	Range of Values	10	10	
85	85 or older	0	10	
77777	Refused	0	10	
99999	Don't know	0	10	
.	Missing	4969	4979	

OSQ040bd	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. wrist 4th time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	9	9	OSQ025
2	50 years old or older?	1	10	
7	Refused	0	10	OSQ025
9	Don't know	0	10	OSQ025
.	Missing	4969	4979	

OSD050bd	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason wrist fracture occurred 4th time

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or 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	0	1	
.	Missing	4978	4979	

OSD030be	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
11 to 60	Range of Values	7	7	
85	85 or older	0	7	
77777	Refused	0	7	
99999	Don't know	0	7	
.	Missing	4972	4979	

OSQ040be	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. wrist 5th time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	6	6	OSQ025
2	50 years old or older?	1	7	
7	Refused	0	7	OSQ025
9	Don't know	0	7	OSQ025
.	Missing	4972	4979	

OSD050be	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason wrist fracture occurred 5th time

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or 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	0	1	
.	Missing	4978	4979	

OSD030bf	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
15 to 70	Range of Values	4	4	
85	85 or older	0	4	
77777	Refused	0	4	
99999	Don't know	0	4	
.	Missing	4975	4979	

OSQ040bf	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. wrist 6th time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	3	3	OSQ025
2	50 years old or older?	1	4	
7	Refused	0	4	OSQ025
9	Don't know	0	4	OSQ025
.	Missing	4975	4979	

OSD050bf	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason wrist fracture occurred 6th time

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or 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	0	1	
.	Missing	4978	4979	

OSD030bg	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
24 to 75	Range of Values	2	2	
85	85 or older	0	2	
77777	Refused	0	2	
99999	Don't know	0	2	
.	Missing	4977	4979	

OSQ040bg	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. wrist 7th time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	1	1	OSQ025
2	50 years old or older?	1	2	
7	Refused	0	2	OSQ025
9	Don't know	0	2	OSQ025
.	Missing	4977	4979	

OSD050bg	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason wrist fracture occurred 7th time

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or 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	0	1	
.	Missing	4978	4979	

OSD030ca	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
5 to 79	Range of Values	115	115	
85	85 or older	5	120	
77777	Refused	0	120	
99999	Don't know	5	125	
.	Missing	4854	4979	

OSQ040ca	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. spine 1st time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	94	94	OSQ025
2	50 years old or older?	30	124	
7	Refused	0	124	OSQ025
9	Don't know	0	124	OSQ025
.	Missing	4855	4979	

OSD050ca	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason spine fracture occurred 1st time

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	17	17	
2	A hard fall, such as falling off a ladder or step stool, down stairs	6	23	
3	A car accident or other severe trauma	6	29	
7	Refused	0	29	
9	Don't know	1	30	
.	Missing	4949	4979	

OSD030cb	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
22 to 78	Range of Values	18	18	
85	85 or older	0	18	
77777	Refused	0	18	
99999	Don't know	1	19	
.	Missing	4960	4979	

OSQ040cb	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. spine 2nd time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	13	13	OSQ025
2	50 years old or older?	6	19	
7	Refused	0	19	OSQ025
9	Don't know	0	19	OSQ025
.	Missing	4960	4979	

OSD050cb	Target			
	B(50 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Reason spine fracture occurred 2nd time			

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	A fall from standing height or less, for example, tripped, slipped, fell out of bed	3	3	
2	A hard fall, such as falling off a ladder or step stool, down stairs	3	6	
3	A car accident or other severe trauma	0	6	
7	Refused	0	6	
9	Don't know	0	6	
.	Missing	4973	4979	

OSD030cc	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
1 to 84	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.

Code or Value	Description	Count	Cumulative	Skip to Item
32 to 72	Range of Values	5	5	
85	85 or older	0	5	
77777	Refused	0	5	
99999	Don't know	1	6	
.	Missing	4973	4979	

OSQ040cc	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. spine 3rd time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	5	5	OSQ025
2	50 years old or older?	1	6	
7	Refused	0	6	OSQ025
9	Don't know	0	6	OSQ025
.	Missing	4973	4979	

OSD050cc	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason spine fracture occurred 3rd time

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or 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	0	1	
3	A car accident or other severe trauma	0	1	
7	Refused	0	1	
9	Don't know	0	1	
.	Missing	4978	4979	

OSD030cd	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
1 to 84	Age when fractured spine 4th time			

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

English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.

Code or Value	Description	Count	Cumulative	Skip to Item
43 to 72	Range of Values	3	3	
85	85 or older	0	3	
77777	Refused	0	3	
99999	Don't know	1	4	
.	Missing	4975	4979	

OSQ040cd	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Under/over 50 when fracd. spine 4th time			

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	2	2	OSQ025
2	50 years old or older?	2	4	
7	Refused	0	4	OSQ025
9	Don't know	0	4	OSQ025
.	Missing	4975	4979	

OSD050cd	Target			
	B(50 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Reason spine fracture occurred 4th time			

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or 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	0	1	
3	A car accident or other severe trauma	0	1	
7	Refused	0	1	
9	Don't know	1	2	
.	Missing	4977	4979	

OSD030ce	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
1 to 84	Age when fractured spine 5th time			

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

English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.

Code or Value	Description	Count	Cumulative	Skip to Item
44	44	1	1	
85	85 or older	0	1	
77777	Refused	0	1	
99999	Don't know	2	3	
.	Missing	4976	4979	

OSQ040ce	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. spine 5th time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	2	2	OSQ025
2	50 years old or older?	1	3	
7	Refused	0	3	OSQ025
9	Don't know	0	3	OSQ025
.	Missing	4976	4979	

OSD050ce	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason spine fracture occurred 5th time

English Text: Did that fracture occur as a result of . . .

English Instructions:

Code or 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	0	0	
7	Refused	0	0	
9	Don't know	1	1	
.	Missing	4978	4979	

OSD030cf	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	Age when fractured spine 6th time

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

English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.

Code or Value	Description	Count	Cumulative	Skip to Item
44	44	1	1	
85	85 or older	0	1	
77777	Refused	0	1	
99999	Don't know	1	2	
.	Missing	4977	4979	

OSQ040cf	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. spine 6th time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	1	1	OSQ025
2	50 years old or older?	1	2	
7	Refused	0	2	OSQ025
9	Don't know	0	2	OSQ025
.	Missing	4977	4979	

OSD050cf	Target
	B(50 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Reason spine fracture occurred 6th time

English Text: Did that fracture occur as a result of.....

English Instructions:

Code or 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	0	0	
7	Refused	0	0	
9	Don't know	1	1	
.	Missing	4978	4979	

OSD030cg	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	Age when fractured spine 7th time

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

English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.

Code or Value	Description	Count	Cumulative	Skip to Item
45	45	1	1	
85	85 or older	0	1	
77777	Refused	0	1	
99999	Don't know	0	1	
.	Missing	4978	4979	

OSQ040cg		Target			
		B(20 Yrs. to 150 Yrs.)			
Hard Edits		**SAS Label**			
		Under/over 50 when fracd. spine 7th time			
English Text: {Were you/Was SP} . . .					
English Instructions:					

Code or 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	4978	4979	

OSD030ch		Target			
		B(20 Yrs. to 150 Yrs.)			
Hard Edits		**SAS Label**			
1 to 84		Age when fractured spine 8th time			
English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 8th time?					
English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.					

Code or Value	Description	Count	Cumulative	Skip to Item
46	46	1	1	
85	85 or older	0	1	
77777	Refused	0	1	
99999	Don't know	0	1	
.	Missing	4978	4979	

OSQ040ch	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd. spine 8th time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or 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	4978	4979	

OSD030ci	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
1 to 84	Age when fractured spine 9th time

English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 9th time?

English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.

Code or Value	Description	Count	Cumulative	Skip to Item
47	47	1	1	
85	85 or older	0	1	
77777	Refused	0	1	
99999	Don't know	0	1	
.	Missing	4978	4979	

OSQ040ci	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Under/over 50 when fracd. spine 9th time			

English Text: {Were you/Was SP} . . .

English Instructions:

Code or 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	OSQ060
9	Don't know	0	1	OSQ060
.	Missing	4978	4979	

OSD030cj	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
1 to 84	Age when fractured spine 10th time			

English Text: How old {were you/was SP} when {you/s/he} fractured {your/his/her} spine the 10th time?

English Instructions: ENTER AGE IN YEARS. SKIP TO OSQ045.

Code or Value	Description	Count	Cumulative	Skip to Item
48	48	1	1	
85	85 or older	0	1	
77777	Refused	0	1	
99999	Don't know	0	1	
.	Missing	4978	4979	

OSQ040cj	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Under/over 50 when fracd spine 10th time

English Text: {Were you/Was SP} . . .

English Instructions:

Code or 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	4978	4979	

OSQ080	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	1052	1052	
2	No	3918	4970	OSQ060
7	Refused	0	4970	OSQ060
9	Don't know	9	4979	OSQ060
.	Missing	0	4979	

OSQ090a	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	728	728	OSQ120a
2	No	321	1049	
7	Refused	0	1049	OSQ120a
9	Don't know	3	1052	OSQ120a
.	Missing	3927	4979	

	Target
OSQ100a	**Target**
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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

Code or Value	Description	Count	Cumulative	Skip to Item
10	HEAD/FACE	5	5	
11	UPPER ARM (HUMERUS)	2	7	
12	LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST)	5	12	
13	ELBOW	10	22	
14	HAND	13	35	
15	FINGERS	68	103	
16	SHOULDER	5	108	
17	COLLAR BONE	2	110	
18	RIBS (EITHER SIDE)	16	126	
19	PELVIS (NOT HIP)	3	129	
20	UPPER LEG (THIGH EXCLUDING HIP)	1	130	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	14	144	
22	KNEE (PATELLA)	10	154	
23	ANKLE	66	220	
24	HEEL	4	224	
25	FOOT	34	258	
26	TOES	59	317	
27	OTHER (DO NOT SPECIFY)	4	321	
77	Refused	0	321	
99	Don't know	0	321	
.	Missing	4658	4979	

OSD110a	Target
	B(20 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
20 to 84	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

Code or Value	Description	Count	Cumulative	Skip to Item
20 to 84	Range of Values	315	315	
85	85 or older	2	317	
777	Refused	0	317	
999	Don't know	4	321	
.	Missing	4658	4979	

OSQ120a	Target
	B(20 Yrs. to 150 Yrs.)

Hard Edits	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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	248	248	
2	No	803	1051	OSQ060
7	Refused	0	1051	OSQ060
9	Don't know	1	1052	OSQ060
.	Missing	3927	4979	

OSQ090b	**Target**	
	B(20 Yrs. to 150 Yrs.)	
Hard Edits	**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	172	172	OSQ120b
2	No	75	247	
7	Refused	0	247	OSQ120b
9	Don't know	1	248	OSQ120b
.	Missing	4731	4979	

	Target			
OSQ100b	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**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				

Code or 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	2	3	
14	HAND	5	8	
15	FINGERS	20	28	
16	SHOULDER	1	29	
17	COLLAR BONE	0	29	
18	RIBS (EITHER SIDE)	4	33	
19	PELVIS (NOT HIP)	2	35	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	35	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	6	41	
22	KNEE (PATELLA)	1	42	
23	ANKLE	12	54	
24	HEEL	0	54	
25	FOOT	6	60	
26	TOES	13	73	
27	OTHER (DO NOT SPECIFY)	2	75	
77	Refused	0	75	
99	Don't know	0	75	
.	Missing	4904	4979	

OSD110b	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
20 to 84	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

Code or Value	Description	Count	Cumulative	Skip to Item
20 to 81	Range of Values	73	73	
85	85 or older	1	74	
777	Refused	0	74	
999	Don't know	1	75	
.	Missing	4904	4979	

OSQ120b	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	80	80	
2	No	168	248	OSQ060
7	Refused	0	248	OSQ060
9	Don't know	0	248	OSQ060
.	Missing	4731	4979	

	OSQ090c		Target		
			B(20 Yrs. to 150 Yrs.)		
Hard Edits			**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	61	61	OSQ120c
2	No	19	80	
7	Refused	0	80	OSQ120c
9	Don't know	0	80	OSQ120c
.	Missing	4899	4979	

	Target			
OSQ100c	**Target**			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**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				

Code or Value	Description	Count	Cumulative	Skip to Item
10	HEAD/FACE	1	1	
11	UPPER ARM (HUMERUS)	0	1	
12	LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST)	0	1	
13	ELBOW	0	1	
14	HAND	1	2	
15	FINGERS	4	6	
16	SHOULDER	1	7	
17	COLLAR BONE	0	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)	3	11	
23	ANKLE	3	14	
24	HEEL	0	14	
25	FOOT	2	16	
26	TOES	3	19	
27	OTHER (DO NOT SPECIFY)	0	19	
77	Refused	0	19	
99	Don't know	0	19	
.	Missing	4960	4979	

OSD110c	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
20 to 84	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

Code or Value	Description	Count	Cumulative	Skip to Item
22 to 73	Range of Values	19	19	
85	85 or older	0	19	
777	Refused	0	19	
999	Don't know	0	19	
.	Missing	4960	4979	

OSQ120c	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	44	44	
2	No	36	80	OSQ060
7	Refused	0	80	OSQ060
9	Don't know	0	80	OSQ060
.	Missing	4899	4979	

OSQ090d	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	39	39	OSQ120d
2	No	5	44	
7	Refused	0	44	OSQ120d
9	Don't know	0	44	OSQ120d
.	Missing	4935	4979	

OSQ100d	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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

Code or 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	0	0	
16	SHOULDER	0	0	
17	COLLAR BONE	0	0	
18	RIBS (EITHER SIDE)	1	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	2	3	
26	TOES	1	4	
27	OTHER (DO NOT SPECIFY)	1	5	
77	Refused	0	5	
99	Don't know	0	5	
.	Missing	4974	4979	

OSD110d	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
20 to 84	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

Code or Value	Description	Count	Cumulative	Skip to Item
23 to 81	Range of Values	5	5	
85	85 or older	0	5	
777	Refused	0	5	
999	Don't know	0	5	
.	Missing	4974	4979	

OSQ120d	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	24	24	
2	No	20	44	OSQ060
7	Refused	0	44	OSQ060
9	Don't know	0	44	OSQ060
.	Missing	4935	4979	

	OSQ090e	Target
		B(20 Yrs. to 150 Yrs.)
Hard Edits		**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	22	22	OSQ120e
2	No	2	24	
7	Refused	0	24	OSQ120e
9	Don't know	0	24	OSQ120e
.	Missing	4955	4979	

	OSQ100e	Target
		B(20 Yrs. to 150 Yrs.)
	Hard Edits	**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

Code or 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	0	0	
16	SHOULDER	0	0	
17	COLLAR BONE	0	0	
18	RIBS (EITHER SIDE)	0	0	
19	PELVIS (NOT HIP)	0	0	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	0	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	0	0	
22	KNEE (PATELLA)	0	0	
23	ANKLE	0	0	
24	HEEL	0	0	
25	FOOT	1	1	
26	TOES	1	2	
27	OTHER (DO NOT SPECIFY)	0	2	
77	Refused	0	2	
99	Don't know	0	2	
.	Missing	4977	4979	

OSD110e	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
20 to 84	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

Code or Value	Description	Count	Cumulative	Skip to Item
28 to 34	Range of Values	2	2	
85	85 or older	0	2	
777	Refused	0	2	
999	Don't know	0	2	
.	Missing	4977	4979	

OSQ120e	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	18	18	
2	No	6	24	OSQ060
7	Refused	0	24	OSQ060
9	Don't know	0	24	OSQ060
.	Missing	4955	4979	

OSQ090f	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	17	17	OSQ120f
2	No	1	18	
7	Refused	0	18	OSQ120f
9	Don't know	0	18	OSQ120f
.	Missing	4961	4979	

	Target
OSQ100f	**Target**
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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

Code or 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	0	0	
16	SHOULDER	0	0	
17	COLLAR BONE	0	0	
18	RIBS (EITHER SIDE)	0	0	
19	PELVIS (NOT HIP)	0	0	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	0	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	0	0	
22	KNEE (PATELLA)	0	0	
23	ANKLE	0	0	
24	HEEL	0	0	
25	FOOT	1	1	
26	TOES	0	1	
27	OTHER (DO NOT SPECIFY)	0	1	
77	Refused	0	1	
99	Don't know	0	1	
.	Missing	4978	4979	

OSD110f	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
20 to 84	How old when fracture occurred?			

English Text: How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100f) for the first time after age 20?

English Instructions: ENTER AGE IN YEARS

Code or Value	Description	Count	Cumulative	Skip to Item
29	29	1	1	
85	85 or older	0	1	
777	Refused	0	1	
999	Don't know	0	1	
.	Missing	4978	4979	

OSQ120f	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	11	11	
2	No	7	18	OSQ060
7	Refused	0	18	OSQ060
9	Don't know	0	18	OSQ060
.	Missing	4961	4979	

	OSQ090g		Target
			B(20 Yrs. to 150 Yrs.)
	Hard Edits		**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	9	9	OSQ120g
2	No	2	11	
7	Refused	0	11	OSQ120g
9	Don't know	0	11	OSQ120g
.	Missing	4968	4979	

OSQ100g	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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

Code or 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	0	0	
16	SHOULDER	0	0	
17	COLLAR BONE	0	0	
18	RIBS (EITHER SIDE)	0	0	
19	PELVIS (NOT HIP)	0	0	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	0	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	1	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	4977	4979	

OSD110g	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
20 to 84	How old when fracture occurred?

English Text: How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100g) for the first time after age 20?

English Instructions: ENTER AGE IN YEARS

Code or Value	Description	Count	Cumulative	Skip to Item
22 to 30	Range of Values	2	2	
85	85 or older	0	2	
777	Refused	0	2	
999	Don't know	0	2	
.	Missing	4977	4979	

OSQ120g	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	9	9	
2	No	2	11	OSQ060
7	Refused	0	11	OSQ060
9	Don't know	0	11	OSQ060
.	Missing	4968	4979	

OSQ090h	**Target**	
	B(20 Yrs. to 150 Yrs.)	
Hard Edits	**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	8	8	OSQ120h
2	No	1	9	
7	Refused	0	9	OSQ120h
9	Don't know	0	9	OSQ120h
.	Missing	4970	4979	

	OSQ100h	Target			
		B(20 Yrs. to 150 Yrs.)			
	Hard Edits	**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

Code or 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	0	0	
16	SHOULDER	0	0	
17	COLLAR BONE	0	0	
18	RIBS (EITHER SIDE)	0	0	
19	PELVIS (NOT HIP)	0	0	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	0	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	0	0	
22	KNEE (PATELLA)	0	0	
23	ANKLE	0	0	
24	HEEL	0	0	
25	FOOT	1	1	
26	TOES	0	1	
27	OTHER (DO NOT SPECIFY)	0	1	
77	Refused	0	1	
99	Don't know	0	1	
.	Missing	4978	4979	

OSD110h	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
20 to 84	How old when fracture occurred?			

English Text: How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100h) for the first time after age 20?

English Instructions: ENTER AGE IN YEARS

Code or Value	Description	Count	Cumulative	Skip to Item
31	31	1	1	
85	85 or older	0	1	
777	Refused	0	1	
999	Don't know	0	1	
.	Missing	4978	4979	

OSQ120h	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	9	9	
2	No	0	9	OSQ060
7	Refused	0	9	OSQ060
9	Don't know	0	9	OSQ060
.	Missing	4970	4979	

OSQ090i	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	6	6	OSQ120i
2	No	3	9	
7	Refused	0	9	OSQ120i
9	Don't know	0	9	OSQ120i
.	Missing	4970	4979	

	OSQ100i	Target
		B(20 Yrs. to 150 Yrs.)
	Hard Edits	**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

Code or 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	1	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)	1	2	
22	KNEE (PATELLA)	0	2	
23	ANKLE	0	2	
24	HEEL	0	2	
25	FOOT	1	3	
26	TOES	0	3	
27	OTHER (DO NOT SPECIFY)	0	3	
77	Refused	0	3	
99	Don't know	0	3	
.	Missing	4976	4979	

OSD110i	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
20 to 84	How old when fracture occurred?

English Text: How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100i) for the first time after age 20?

English Instructions: ENTER AGE IN YEARS

Code or Value	Description	Count	Cumulative	Skip to Item
22 to 35	Range of Values	3	3	
85	85 or older	0	3	
777	Refused	0	3	
999	Don't know	0	3	
.	Missing	4976	4979	

OSQ120i	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	6	6	
2	No	3	9	OSQ060
7	Refused	0	9	OSQ060
9	Don't know	0	9	OSQ060
.	Missing	4970	4979	

	OSQ090j		Target		
			B(20 Yrs. to 150 Yrs.)		
	Hard Edits		**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.

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	4	4	OSQ120j
2	No	2	6	
7	Refused	0	6	OSQ120j
9	Don't know	0	6	OSQ120j
.	Missing	4973	4979	

	Target
OSQ100j	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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

Code or 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	0	0	
16	SHOULDER	0	0	
17	COLLAR BONE	0	0	
18	RIBS (EITHER SIDE)	0	0	
19	PELVIS (NOT HIP)	0	0	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	0	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	1	1	
22	KNEE (PATELLA)	0	1	
23	ANKLE	0	1	
24	HEEL	0	1	
25	FOOT	0	1	
26	TOES	1	2	
27	OTHER (DO NOT SPECIFY)	0	2	
77	Refused	0	2	
99	Don't know	0	2	
.	Missing	4977	4979	

OSD110j	Target				
	B(20 Yrs. to 150 Yrs.)				
Hard Edits	**SAS Label**				
20 to 84	How old when fracture occurred?				

English Text: How old {were you/was SP} when {you/SP} fractured {your/his/her} (fracture site selected in OSQ100j) for the first time after age 20?

English Instructions: ENTER AGE IN YEARS

Code or Value	Description	Count	Cumulative	Skip to Item
22 to 36	Range of Values	2	2	
85	85 or older	0	2	
777	Refused	0	2	
999	Don't know	0	2	
.	Missing	4977	4979	

OSQ120j	Target				
	B(20 Yrs. to 150 Yrs.)				
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	0	0	
2	No	6	6	OSQ060
7	Refused	0	6	OSQ060
9	Don't know	0	6	OSQ060
.	Missing	4973	4979	

OSQ129	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	CHECK ITEM

English Text: CHECK ITEM

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.

OSQ060	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	254	254	
2	No	4714	4968	OSQ130
7	Refused	0	4968	OSQ130
9	Don't know	11	4979	OSQ130
.	Missing	0	4979	

OSQ070	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Ever treated for osteoporosis			

English Text: {Were you/Was SP} ever treated for osteoporosis?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	182	182	
2	No	70	252	
7	Refused	0	252	
9	Don't know	1	253	
.	Missing	4726	4979	

OSQ130	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**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.]

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	245	245	
2	No	4690	4935	OSQ150
7	Refused	0	4935	OSQ150
9	Don't know	44	4979	OSQ150
.	Missing	0	4979	

OSQ140q	Target
	B(20 Yrs. to 150 Yrs.)

Hard Edits	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.

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1 to 54	Range of Values	237	237	
777	Refused	0	237	
999	Don't know	8	245	
.	Missing	4734	4979	

OSQ140u	Target
	B(20 Yrs. to 150 Yrs.)

Hard Edits	SAS Label
	How long used prednisone or cortisone?

English Text: How long used prednisone or cortisone: month, year?

English Instructions: ENTER UNIT

Code or Value	Description	Count	Cumulative	Skip to Item
1	Month	154	154	
2	Year	83	237	
7	Refused	0	237	
9	Don't know	0	237	
.	Missing	4742	4979	

OSQ150	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**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?

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	422	422	
2	No	4319	4741	OSQ170
7	Refused	0	4741	OSQ170
9	Don't know	238	4979	OSQ170
.	Missing	0	4979	

OSQ160a	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Mother was told had osteoporosis			

English Text: Mother was told had osteoporosis?

English Instructions: CODE ALL THAT APPLY

Code or Value	Description	Count	Cumulative	Skip to Item
1	Mother	383	383	
7	Refused	0	383	
9	Don't know	0	383	
.	Missing	4596	4979	

OSQ160b	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Father was told had osteoporosis

English Text: Father was told had osteoporosis?

English Instructions: CODE ALL THAT APPLY

Code or Value	Description	Count	Cumulative	Skip to Item
2	Father	55	55	
.	Missing	4924	4979	

OSQ170	Target
	B(20 Yrs. to 150 Yrs.)
Hard Edits	**SAS Label**
	Did mother ever fracture hip?

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

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	242	242	
2	No	4568	4810	OSQ200
7	Refused	0	4810	OSQ200
9	Don't know	169	4979	OSQ200
.	Missing	0	4979	

OSQ180	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
1 to 150	How old when fractured hip?			
English Text: About how old was she when she fractured her hip (the first time)?				
English Instructions: ENTER AGE IN YEARS				

Code or Value	Description	Count	Cumulative	Skip to Item
3 to 97	Range of Values	232	232	
777	Refused	0	232	
999	Don't know	10	242	
.	Missing	4737	4979	

OSQ190	Target			
	B(20 Yrs. to 150 Yrs.)			
Hard Edits	**SAS Label**			
	Over or under 50 years old?			
English Text: Was she. . .				
English Instructions:				

Code or Value	Description	Count	Cumulative	Skip to Item
1	under 50 years or	4	4	
2	50 years or older?	5	9	
7	Refused	0	9	
9	Don't know	1	10	
.	Missing	4969	4979	

OSQ200	Target			
	B(20 Yrs. to 150 Yrs.)			

Hard Edits	SAS Label
	Did father ever fracture hip?

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

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Yes	106	106	
2	No	4596	4702	
7	Refused	0	4702	
9	Don't know	277	4979	
.	Missing	0	4979	

OSQ210	Target			
	B(20 Yrs. to 150 Yrs.)			

Hard Edits	SAS Label
1 to 150	How old when fractured hip?

English Text: About how old was he when he fractured his hip (the first time)?

English Instructions: ENTER AGE IN YEARS

Code or Value	Description	Count	Cumulative	Skip to Item
10 to 98	Range of Values	96	96	
777	Refused	0	96	
999	Don't know	10	106	
.	Missing	4873	4979	

	OSQ220	Target		
		B(20 Yrs. to 150 Yrs.)		
Hard Edits		**SAS Label**		
		Over or under 50 years old?		

English Text: Was he . . .

English Instructions:

Code or Value	Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	4	4	
2	50 years old or older?	5	9	
7	Refused	0	9	
9	Don't know	1	10	
.	Missing	4969	4979	