National Health and Nutrition Examination Survey

2017-March 2020 Data Documentation, Codebook, and Frequencies

Osteoporosis (P_OSQ)

Data File: P_OSQ.xpt

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Component Description

The NHANES program suspended field operations in March 2020 due to the coronavirus disease 2019 (COVID-19) pandemic. As a result, data collection for the NHANES 2019-2020 cycle was not completed and the collected data are not nationally representative. Therefore, data collected from 2019 to March 2020 were combined with data from the NHANES 2017-2018 cycle to form a nationally representative sample of NHANES 2017-March 2020 pre-pandemic data. These data are available to the public. Please refer to the Analytic Notes section for more details on the use of the data.

The Osteoporosis questionnaire (variable name prefix OSQ) section 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
- 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

Participants aged 50 years and over in the NHANES 2017-March 2020 pre-pandemic sample were eligible.

Interview Setting and Mode of Administration

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

The 2017-2018 and 2019-2020 Interviewer Procedure Manuals and the Osteoporosis Sample Person Questionnaire can be found on the NHANES website.

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 assurance/quality control process for this component, please refer to the NHANES 2017-18 and 2019-2020 Interviewer Procedure Manuals on the NHANES website.

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.

Analytic Notes

The COVID-19 pandemic required suspension of NHANES 2019-2020 field operations in March 2020 after data were collected in 18 of the 30 survey locations in the 2019-2020 sample. Data collection was cancelled for the remaining 12 locations. Because the collected data from 18 locations were not nationally representative, these data were combined with data from the previous cycle (2017-2018) to create a 2017-March 2020 pre-pandemic data file. The resulting sample weights in the demographic file should be used to calculate estimates from the combined cycles. These sample weights are not appropriate for independent analyses of the 2019-2020 data and will not yield nationally representative results for either the 2017-2018 data alone or the 2019-March 2020 data alone. Please refer to the NHANES website for additional information for the NHANES 2017-March 2020 pre-pandemic data, and for the previous 2017-2018 public use data file with specific weights for that 2-year cycle.

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 and the online NHANES tutorial for further details on the use of sample weights and other analytic issues.

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 50 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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	117	117	OSQ020a
2	No	4867	4984	
7	Refused	0	4984	
9	Don't know	2	4986	
.	Missing	1	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	519	519	OSQ020b
2	No	4464	4983	
7	Refused	0	4983	
9	Don't know	3	4986	
.	Missing	1	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	180	180	OSQ020c
2	No	4802	4982	OSQ025
7	Refused	0	4982	OSQ025
9	Don't know	4	4986	OSQ025
.	Missing	1	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	1	104	104	
2	2	11	115	
3	3	2	117	
7777	Refused	0	117	OSQ010b
9999	Don't know	0	117	OSQ010b
.	Missing	4870	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	1	417	417	
2	2	74	491	
3	3	19	510	
4	4	3	513	
5	5	3	516	
6	6	2	518	
7777	Refused	0	518	OSQ010c
9999	Don't know	2	520	OSQ010c
.	Missing	4467	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	1	145	145	
2	2	20	165	
3	3	6	171	
4	4	2	173	
5	5	1	174	
7	7	1	175	
7777	Refused	0	175	
9999	Don't know	5	180	
.	Missing	4807	4987	

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 50 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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
8 to 79	Range of Values	93	93	
80	80 or older	20	113	
77777	Refused	0	113	
99999	Don't know	4	117	
.	Missing	4870	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	36	36	OSQ025
2	50 years old or older?	81	117	
7	Refused	0	117	OSQ025
9	Don't know	0	117	OSQ025
.	Missing	4870	4987	

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	40	40	
2	A hard fall, such as falling off a ladder or step stool, down stairs	17	57	
3	A car accident or other severe trauma	19	76	
7	Refused	0	76	
9	Don't know	5	81	
.	Missing	4906	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
34 to 68	Range of Values	4	4	
80	80 or older	8	12	
77777	Refused	0	12	
99999	Don't know	1	13	
.	Missing	4974	4987	

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 50 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?	11	13	
7	Refused	0	13	OSQ025
9	Don't know	0	13	OSQ025
.	Missing	4974	4987	

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	8	8	
2	A hard fall, such as falling off a ladder or step stool, down stairs	1	9	
3	A car accident or other severe trauma	2	11	
7	Refused	0	11	
9	Don't know	0	11	
.	Missing	4976	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
65	65	1	1	
80	80 or older	0	1	
77777	Refused	0	1	
99999	Don't know	1	2	
.	Missing	4985	4987	

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 50 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?	1	1	
7	Refused	0	1	OSQ025
9	Don't know	1	2	OSQ025
.	Missing	4985	4987	

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	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	4986	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 79	Range of Values	499	499	
80	80 or older	13	512	
77777	Refused	0	512	
99999	Don't know	6	518	
.	Missing	4469	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	349	349	OSQ025
2	50 years old or older?	169	518	
7	Refused	0	518	OSQ025
9	Don't know	0	518	OSQ025
.	Missing	4469	4987	

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	99	99	
2	A hard fall, such as falling off a ladder or step stool, down stairs	45	144	
3	A car accident or other severe trauma	23	167	
7	Refused	0	167	
9	Don't know	2	169	
.	Missing	4818	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
7 to 79	Range of Values	97	97	
80	80 or older	4	101	
77777	Refused	0	101	
99999	Don't know	0	101	
.	Missing	4886	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	67	67	OSQ025
2	50 years old or older?	34	101	
7	Refused	0	101	OSQ025
9	Don't know	0	101	OSQ025
.	Missing	4886	4987	

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	23	23	
2	A hard fall, such as falling off a ladder or step stool, down stairs	5	28	
3	A car accident or other severe trauma	4	32	
7	Refused	1	33	
9	Don't know	1	34	
.	Missing	4953	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
10 to 63	Range of Values	25	25	
80	80 or older	1	26	
77777	Refused	0	26	
99999	Don't know	1	27	
.	Missing	4960	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	17	17	OSQ025
2	50 years old or older?	10	27	
7	Refused	0	27	OSQ025
9	Don't know	0	27	OSQ025
.	Missing	4960	4987	

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	4	4	
2	A hard fall, such as falling off a ladder or step stool, down stairs	5	9	
3	A car accident or other severe trauma	1	10	
7	Refused	0	10	
9	Don't know	0	10	
.	Missing	4977	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
16 to 68	Range of Values	7	7	
80	80 or older	0	7	
77777	Refused	0	7	
99999	Don't know	1	8	
.	Missing	4979	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	5	5	OSQ025
2	50 years old or older?	3	8	
7	Refused	0	8	OSQ025
9	Don't know	0	8	OSQ025
.	Missing	4979	4987	

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	2	2	
2	A hard fall, such as falling off a ladder or step stool, down stairs	1	3	
3	A car accident or other severe trama?	0	3	
7	Refused	0	3	
9	Don't know	0	3	
.	Missing	4984	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
24 to 72	Range of Values	5	5	
80	80 or older	0	5	
77777	Refused	0	5	
99999	Don't know	0	5	
.	Missing	4982	4987	

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 50 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?	4	5	
7	Refused	0	5	OSQ025
9	Don't know	0	5	OSQ025
.	Missing	4982	4987	

OSD050be - Reason wrist fracture occurred 5th time

Variable Name: OSD050be

SAS Label: Reason wrist fracture occurred 5th 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 or...	3	3	
3	A car accident or other severe trama?	1	4	
7	Refused	0	4	
9	Don't know	0	4	
.	Missing	4983	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
57	57	1	1	
80	80 or older	0	1	
77777	Refused	0	1	
99999	Don't know	1	2	
.	Missing	4985	4987	

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 50 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?	1	2	
7	Refused	0	2	OSQ025
9	Don't know	0	2	OSQ025
.	Missing	4985	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 78	Range of Values	166	166	
80	80 or older	5	171	
77777	Refused	0	171	
99999	Don't know	4	175	
.	Missing	4812	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	111	111	OSQ025
2	50 years old or older?	64	175	
7	Refused	0	175	OSQ025
9	Don't know	0	175	OSQ025
.	Missing	4812	4987	

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	16	16	
2	A hard fall, such as falling off a ladder or step stool, down stairs	17	33	
3	A car accident or other severe trauma	16	49	
7	Refused	1	50	
9	Don't know	14	64	
.	Missing	4923	4987	

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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
17 to 70	Range of Values	28	28	
80	80 or older	2	30	
77777	Refused	0	30	
99999	Don't know	0	30	
.	Missing	4957	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	16	16	OSQ025
2	50 years old or older?	14	30	
7	Refused	0	30	OSQ025
9	Don't know	0	30	OSQ025
.	Missing	4957	4987	

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	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	5	12	
7	Refused	0	12	
9	Don't know	2	14	
.	Missing	4973	4987	

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.

Target: Both males and females 50 YEARS - 150 YEARS

Hard Edits: 1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
19 to 75	Range of Values	10	10	
80	80 or older	0	10	
77777	Refused	0	10	
99999	Don't know	0	10	
.	Missing	4977	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	8	8	OSQ025
2	50 years old or older?	2	10	
7	Refused	0	10	OSQ025
9	Don't know	0	10	OSQ025
.	Missing	4977	4987	

OSD050cc - Reason spine fracture occurred 3rd time

Variable Name: OSD050cc

SAS Label: Reason spine 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 or...	0	0	
3	A car accident or other severe trama?	1	1	
7	Refused	0	1	
9	Don't know	1	2	
.	Missing	4985	4987	

OSD030cd - Age when fractured spine 4th time

Variable Name:	OSD030cd
SAS Label:	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.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
35 to 56	Range of Values	4	4	
80	80 or older	0	4	
77777	Refused	0	4	
99999	Don't know	0	4	
.	Missing	4983	4987	

OSQ040cd - Under/over 50 when fracd. spine 4th time

Variable Name:	OSQ040cd
SAS Label:	Under/over 50 when fracd. spine 4th time
English Text:	{Were you/Was SP} . . .
Target:	Both males and females 50 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?	3	4	
7	Refused	0	4	OSQ025
9	Don't know	0	4	OSQ025
.	Missing	4983	4987	

OSD050cd - Reason spine fracture occurred 4th time

Variable Name: OSD050cd

SAS Label: Reason spine fracture occurred 4th 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	1	1	
2	A hard fall, such as falling off a ladder or step stool, down stairs or...	1	2	
3	A car accident or other severe trama?	1	3	
7	Refused	0	3	
9	Don't know	0	3	
.	Missing	4984	4987	

OSD030ce - Age when fractured spine 5th time

Variable Name:	OSD030ce
SAS Label:	Age when fractured spine 5th 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:	ENTER AGE IN YEARS.
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
37 to 58	Range of Values	2	2	
80	80 or older	0	2	
77777	Refused	0	2	
99999	Don't know	0	2	
.	Missing	4985	4987	

OSQ040ce - Under/over 50 when fracd. spine 5th time

Variable Name: OSQ040ce

SAS Label: Under/over 50 when fracd. spine 5th time

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

Target: Both males and females 50 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?	1	2	
7	Refused	0	2	OSQ025
9	Don't know	0	2	OSQ025
.	Missing	4985	4987	

OSD050ce - Reason spine fracture occurred 5th time

Variable Name: OSD050ce

SAS Label: Reason spine fracture occurred 5th 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	1	1	
2	A hard fall, such as falling off a ladder or step stool, down stairs or...	0	1	
3	A car accident or other severe trama?	0	1	
7	Refused	0	1	
9	Don't know	0	1	
.	Missing	4986	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1256	1256	
2	No	3714	4970	OSQ060
7	Refused	0	4970	OSQ060
9	Don't know	16	4986	OSQ060
.	Missing	1	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	842	842	OSQ120a
2	No	405	1247	
7	Refused	0	1247	OSQ120a
9	Don't know	9	1256	OSQ120a
.	Missing	3731	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
10	HEAD/FACE	8	8	
11	UPPER ARM (HUMERUS)	6	14	
12	LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST)	16	30	
13	ELBOW	5	35	
14	HAND	20	55	
15	FINGERS	55	110	
16	SHOULDER	14	124	
17	COLLAR BONE	6	130	
18	RIBS (EITHER SIDE)	21	151	
19	PELVIS (NOT HIP)	5	156	
20	UPPER LEG (THIGH EXCLUDING HIP)	5	161	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	12	173	
22	KNEE (PATELLA)	8	181	
23	ANKLE	84	265	
24	HEEL	5	270	
25	FOOT	62	332	
26	TOES	65	397	
27	OTHER (DO NOT SPECIFY)	8	405	
77	Refused	0	405	
99	Don't know	0	405	
.	Missing	4582	4987	

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 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
20 to 79	Range of Values	381	381	
80	80 or older	18	399	
777	Refused	0	399	
999	Don't know	6	405	
.	Missing	4582	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	326	326	
2	No	929	1255	OSQ060
7	Refused	0	1255	OSQ060
9	Don't know	1	1256	OSQ060
.	Missing	3731	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	236	236	OSQ120b
2	No	89	325	
7	Refused	0	325	OSQ120b
9	Don't know	1	326	OSQ120b
.	Missing	4661	4987	

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 50 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)	4	8	
13	ELBOW	4	12	
14	HAND	5	17	
15	FINGERS	10	27	
16	SHOULDER	2	29	
17	COLLAR BONE	3	32	
18	RIBS (EITHER SIDE)	7	39	
19	PELVIS (NOT HIP)	3	42	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	42	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	3	45	
22	KNEE (PATELLA)	6	51	
23	ANKLE	11	62	
24	HEEL	0	62	
25	FOOT	10	72	
26	TOES	16	88	
27	OTHER (DO NOT SPECIFY)	2	90	
77	Refused	0	90	
99	Don't know	0	90	
.	Missing	4897	4987	

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 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
21 to 79	Range of Values	83	83	
80	80 or older	6	89	
777	Refused	0	89	
999	Don't know	0	89	
.	Missing	4898	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	127	127	
2	No	198	325	OSQ060
7	Refused	0	325	OSQ060
9	Don't know	1	326	OSQ060
.	Missing	4661	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	97	97	OSQ120c
2	No	30	127	
7	Refused	0	127	OSQ120c
9	Don't know	0	127	OSQ120c
.	Missing	4860	4987	

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 50 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	1	1	
14	HAND	4	5	
15	FINGERS	7	12	
16	SHOULDER	2	14	
17	COLLAR BONE	0	14	
18	RIBS (EITHER SIDE)	2	16	
19	PELVIS (NOT HIP)	1	17	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	17	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	0	17	
22	KNEE (PATELLA)	0	17	
23	ANKLE	1	18	
24	HEEL	0	18	
25	FOOT	3	21	
26	TOES	6	27	
27	OTHER (DO NOT SPECIFY)	3	30	
77	Refused	0	30	
99	Don't know	0	30	
.	Missing	4957	4987	

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 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
21 to 69	Range of Values	30	30	
80	80 or older	0	30	
777	Refused	0	30	
999	Don't know	0	30	
.	Missing	4957	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	55	55	
2	No	72	127	OSQ060
7	Refused	0	127	OSQ060
9	Don't know	0	127	OSQ060
.	Missing	4860	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	50	50	OSQ120d
2	No	5	55	
7	Refused	0	55	OSQ120d
9	Don't know	0	55	OSQ120d
.	Missing	4932	4987	

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 50 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	1	1	
15	FINGERS	0	1	
16	SHOULDER	0	1	
17	COLLAR BONE	1	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	1	4	
27	OTHER (DO NOT SPECIFY)	1	5	
77	Refused	0	5	
99	Don't know	0	5	
.	Missing	4982	4987	

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 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
30 to 68	Range of Values	5	5	
80	80 or older	0	5	
777	Refused	0	5	
999	Don't know	0	5	
.	Missing	4982	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	37	37	
2	No	18	55	OSQ060
7	Refused	0	55	OSQ060
9	Don't know	0	55	OSQ060
.	Missing	4932	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	33	33	OSQ120e
2	No	4	37	
7	Refused	0	37	OSQ120e
9	Don't know	0	37	OSQ120e
.	Missing	4950	4987	

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 50 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)	1	2	
13	ELBOW	0	2	
14	HAND	1	3	
15	FINGERS	0	3	
16	SHOULDER	0	3	
17	COLLAR BONE	1	4	
18	RIBS (EITHER SIDE)	0	4	
19	PELVIS (NOT HIP)	0	4	
20	UPPER LEG (THIGH EXCLUDING HIP)	0	4	
21	LOWER LEG (BETWEEN ANKLE AND KNEE)	0	4	
22	KNEE (PATELLA)	0	4	
23	ANKLE	0	4	
24	HEEL	0	4	
25	FOOT	0	4	
26	TOES	0	4	
27	OTHER (DO NOT SPECIFY)	0	4	
77	Refused	0	4	
99	Don't know	0	4	
.	Missing	4983	4987	

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 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
28 to 34	Range of Values	4	4	
80	80 or older	0	4	
777	Refused	0	4	
999	Don't know	0	4	
.	Missing	4983	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	29	29	
2	No	7	36	OSQ060
7	Refused	1	37	OSQ060
9	Don't know	0	37	OSQ060
.	Missing	4950	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	26	26	OSQ120f
2	No	3	29	
7	Refused	0	29	OSQ120f
9	Don't know	0	29	OSQ120f
.	Missing	4958	4987	

OSQ100f - Where fracture occurred

Variable Name:	OSQ100f	
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 50 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	1	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	2	3	
26	TOES	0	3	
27	OTHER (DO NOT SPECIFY)	0	3	
77	Refused	0	3	
99	Don't know	0	3	
.	Missing	4984	4987	

OSD110f - How old when fracture occurred?

Variable Name:	OSD110f
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 05OSQ.100) for the first time after age 20?
English Instructions:	ENTER AGE IN YEARS
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
28 to 55	Range of Values	3	3	
80	80 or older	0	3	
777	Refused	0	3	
999	Don't know	0	3	
.	Missing	4984	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	14	14	
2	No	14	28	OSQ060
7	Refused	0	28	OSQ060
9	Don't know	1	29	OSQ060
.	Missing	4958	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	14	14	
2	No	0	14	
7	Refused	0	14	
9	Don't know	0	14	
.	Missing	4973	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	11	11	
2	No	2	13	OSQ060
7	Refused	0	13	OSQ060
9	Don't know	1	14	OSQ060
.	Missing	4973	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	11	11	
2	No	0	11	
7	Refused	0	11	
9	Don't know	0	11	
.	Missing	4976	4987	

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 50 YEARS - 150 YEARS

Code or Value	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	4976	4987	

OSQ090i - Fracture result of severe trauma?

Variable Name:	OSQ090i
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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	9	9	
2	No	0	9	
7	Refused	0	9	
9	Don't know	0	9	
.	Missing	4978	4987	

OSQ120i - Any other fractures?

Variable Name: OSQ120i

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 50 YEARS - 150 YEARS

Code or Value	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	4978	4987	

OSQ090j - Fracture result of severe trauma?

Variable Name:	OSQ090j
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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	8	8	OSQ120j
2	No	1	9	
7	Refused	0	9	OSQ120j
9	Don't know	0	9	OSQ120j
.	Missing	4978	4987	

OSQ100j - Where fracture occurred

Variable Name: OSQ100j

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 50 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	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	4986	4987	

OSD110j - How old when fracture occurred?

Variable Name:	OSD110j
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 OSQ.100) for the first time after age 20?
English Instructions:	ENTER AGE IN YEARS
Target:	Both males and females 50 YEARS - 150 YEARS
Hard Edits:	1 to 79

Code or Value	Value Description	Count	Cumulative	Skip to Item
80	80 or older	0	0	
777	Refused	0	0	
999	Don't know	1	1	
.	Missing	4986	4987	

OSQ120j - Any other fractures?

Variable Name: OSQ120j

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 50 YEARS - 150 YEARS

Code or Value	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	4978	4987	

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 50 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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	611	611	
2	No	4352	4963	OSQ130
7	Refused	1	4964	OSQ130
9	Don't know	22	4986	OSQ130
.	Missing	1	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	312	312	
2	No	293	605	
7	Refused	0	605	
9	Don't know	6	611	
.	Missing	4376	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	383	383	
2	No	4555	4938	OSQ150
7	Refused	0	4938	OSQ150
9	Don't know	48	4986	OSQ150
.	Missing	1	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 42	Range of Values	365	365	
777	Refused	0	365	
999	Don't know	18	383	
.	Missing	4604	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Month	235	235	
2	Year	130	365	
7	Refused	0	365	
9	Don't know	0	365	
.	Missing	4622	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	642	642	
2	No	4032	4674	OSQ170
7	Refused	3	4677	OSQ170
9	Don't know	309	4986	OSQ170
.	Missing	1	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Mother	609	609	
7	Refused	0	609	
9	Don't know	0	609	
.	Missing	4378	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
2	Father	55	55	
.	Missing	4932	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	394	394	
2	No	4431	4825	OSQ200
7	Refused	0	4825	OSQ200
9	Don't know	161	4986	OSQ200
.	Missing	1	4987	

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 50 YEARS - 150 YEARS

Hard Edits: 1 to 150

Code or Value	Value Description	Count	Cumulative	Skip to Item
7 to 79	Range of Values	192	192	
80	80 or older	185	377	
777	Refused	0	377	
999	Don't know	17	394	
.	Missing	4593	4987	

OSQ190 - Under/over 50 years old

Variable Name: OSQ190

SAS Label: Under/over 50 years old

English Text: Was she. . .

Target: Both males and females 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years or	2	2	
2	50 years or older?	11	13	
7	Refused	0	13	
9	Don't know	4	17	
.	Missing	4970	4987	

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 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	133	133	
2	No	4537	4670	
7	Refused	1	4671	
9	Don't know	315	4986	
.	Missing	1	4987	

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 50 YEARS - 150 YEARS
Hard Edits:	1 to 150

Code or Value	Value Description	Count	Cumulative	Skip to Item
4 to 79	Range of Values	80	80	
80	80 or older	42	122	
777	Refused	0	122	
999	Don't know	11	133	
.	Missing	4854	4987	

OSQ220 - Under/over 50 years old

Variable Name: OSQ220

SAS Label: Under/over 50 years old

English Text: Was he . . .

Target: Both males and females 50 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Under 50 years old, or	7	7	
2	50 years old or older?	4	11	
7	Refused	0	11	
9	Don't know	0	11	
.	Missing	4976	4987	