

OSTEOPOROSIS – OSQ
***Target Group: Males and Females 50+**

OSQ.010
a/b/c

Has a doctor or other health professional **ever** told {you/SP} that {you/he/she} had broken or fractured {your/his/her} . . .

a. hip? YES..... 1 →
 NO..... 2 (b)
 REFUSED 7 (b)
 DON'T KNOW 9 (b)

HELP SCREEN:
 Doctor: The term refers to both medical doctors (M.D.s) and osteopathic physicians (D.O.s). It includes general practitioners as well as specialists. It does not include persons who do not have an M.D. or D.O. degree, such as dentists, oral surgeons, chiropractors, podiatrists, Christian Science healers, opticians, optometrists, psychologists, etc.

Other Health (Care) Professional: A person entitled by training and experience and possibly licensure to assist a doctor and who works with one or more medical doctors. Examples include: doctor's assistants, nurse practitioners, nurses, lab technicians, and technicians who administer shots (e.g., allergy shots). Also include paramedics, medics and physical therapists working with or in a doctor's office. Do not include: dentists, oral surgeons, chiropractors, chiropodists, podiatrists, naturopaths, Christian Science healers, opticians, optometrists, and psychologists or social workers.

OSQ.020

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

|_|_|_|
 ENTER NUMBER OF TIMES

CAPI INSTRUCTION:
 HARD EDIT: 1-33.
 SOFT EDIT: 13-33, DISPLAY
 "UNLIKELY RESPONSE.
 PLEASE VERIFY."

REFUSED..... 77
 DON'T KNOW 99

b. wrist? YES..... 1 →
 DO NOT NO..... 2 (c)
 INCLUDE REFUSED 7 (c)
 FOREARM OR DON'T KNOW 9 (c)
 HAND

|_|_|_|
 ENTER NUMBER OF TIMES

CAPI INSTRUCTION:
 HARD EDIT: 1-33.

REFUSED..... 77
 DON'T KNOW 99

c. spine? YES..... 1 →
 NO..... 2 (BOX 1)
 REFUSED 7 (BOX 1)
 DON'T KNOW 9 (BOX 1)

|_|_|_|
 ENTER NUMBER OF TIMES

CAPI INSTRUCTION:
 HARD EDIT: 1-33.

REFUSED..... 77
 DON'T KNOW 99

BOX 1

CHECK ITEM OSQ.025:

IF 'YES' (CODE 1) IN OSQ.010 a, b, OR c, CONTINUE WITH LOOP 1.
OTHERWISE, GO TO OSQ.080.

LOOP 1:

ASK OSQ.030 - OSQ.051 FOR EACH **TYPE** AND EACH **INCIDENT** OF FRACTURE.
(EXAMPLE: HOW OLD WERE YOU WHEN YOU FRACTURED YOUR **HIP** THE **FIRST TIME**?)

OSQ.030 How old {were you/was SP} when {you/s/he} fractured {your/his/her} {hip/wrist/spine} {the {1st/2nd/10th or
a/b/c more recent time . . .} time)?

CAPI INSTRUCTION:

IF ONLY BROKE HIP, WRIST OR SPINE 1 TIME, DO NOT DISPLAY "THE {1ST/2ND . . .} TIME".
IF 10TH TIME, DISPLAY {10TH OR MOST RECENT TIME}.

|_|_|_|_| (BOX 2)
ENTER AGE IN YEARS

CAPI INSTRUCTION: HARD EDIT: 1-120.

REFUSED.....777
DON'T KNOW.....999

CAPI INSTRUCTION:

IF OSQ.030 = DK, RF OR NULL AND SP AGE < 50, CODE OSQ.040 = 1 (UNDER 50).
IF OSQ.030 = DK, RF OR NULL AND SP AGE >= 50, CONTINUE.

OSQ.040 {Were you/Was SP} . . .
a/b/c

under 50 years old, or..... 1
50 years old or older? 2
REFUSED..... 7 (BOX 3)
DON'T KNOW..... 9 (BOX 3)

BOX 2

CHECK ITEM OSQ.045:

IF AGE IS >= 50 IN OSQ.030 OR OSQ.040, CONTINUE.
OTHERWISE, GO TO BOX 3.

OSQ.051 Did that fracture occur as a result of . . .

- a fall from **standing height or less**, for example, tripped, slipped, fell out of bed ... 4
- a hard fall**, such as falling off a ladder or step stool, down stairs, or 5
- a car accident** or other severe trauma? 6
- REFUSED..... 7
- DON'T KNOW..... 9

HELP SCREEN:

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

BOX 3

END LOOP1:

- ASK OSQ.030 - OSQ.051 FOR NEXT INCIDENT OF FRACTURE.
- IF NO NEXT INCIDENT, CONTINUE.

OSQ.080 Has a doctor or other health professional 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?

- YES..... 1
- NO 2 (OSQ.060)
- REFUSED..... 7 (OSQ.060)
- DON'T KNOW..... 9 (OSQ.060)

OSQ.090 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?

- YES..... 1 (OSQ.120)
- NO 2
- REFUSED..... 7 (OSQ.120)
- DON'T KNOW..... 9 (OSQ.120)

HELP SCREEN:

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.

OSQ.100 Please look at this card and tell me where the fracture occurred.

HAND CARD OSQ 1

HEAD/FACE	10
UPPER ARM (HUMERUS).....	11
LOWER ARM BETWEEN WRIST AND ELBOW (DO NOT INCLUDE WRIST)	12
ELBOW.....	13
HAND.....	14
FINGERS.....	15
SHOULDER.....	16
COLLAR BONE	17
RIBS (EITHER SIDE).....	18
PELVIS (NOT HIP)	19
UPPER LEG (THIGH EXCLUDING HIP)	20
LOWER LEG (BETWEEN ANKLE AND KNEE).....	21
KNEE (PATELLA).....	22
ANKLE.....	23
HEEL	24
FOOT.....	25
TOES	26
OTHER (DO NOT SPECIFY).....	27
REFUSED.....	77
DON'T KNOW.....	99

OSQ.110 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?

|_|_|_|
ENTER AGE IN YEARS

CAPI INSTRUCTION: HARD EDIT: 20-120.

REFUSED.....	777
DON'T KNOW.....	999

OSQ.120 Has a doctor or other health professional 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?

YES.....	1
NO	2 (OSQ.060)
REFUSED.....	7 (OSQ.060)
DON'T KNOW.....	9 (OSQ.060)

BOX 4

CHECK ITEM OSQ.129:

IF OSQ120 = 1 (YES), CONTINUE WITH LOOP 2. OTHERWISE, GO TO OSQ.060.

LOOP 2:

ASK OSQ.090 – OSQ.120 FOR NEXT INCIDENT OF FRACTURE. IF NO NEXT INCIDENT, CONTINUE.

OSQ.060 Has a doctor or other health professional **ever** told {you/SP} that {you/s/he} had osteoporosis, sometimes called thin or brittle bones?

- YES..... 1
- NO 2 (OSQ.130)
- REFUSED..... 7 (OSQ.130)
- DON'T KNOW..... 9 (OSQ.130)

HELP SCREEN:

Osteoporosis: A disease in which bones become less dense, which makes them more fragile and likely to break. Osteoporosis is not always painful. In fact, many people don't know they have osteoporosis unless a bone breaks. A doctor may tell you that you have osteoporosis after you have had a broken bone or a bone density test.

Doctor: The term refers to both medical doctors (M.D.s) and osteopathic physicians (D.O.s). It includes general practitioners as well as specialists. It does not include persons who do not have an M.D. or D.O. degree, such as dentists, oral surgeons, chiropractors, podiatrists, Christian Science healers, opticians, optometrists, psychologists, etc.

Other Health (Care) Professional: A person entitled by training and experience and possibly licensure to assist a doctor and who works with one or more medical doctors. Examples include: doctor's assistants, nurse practitioners, nurses, lab technicians, and technicians who administer shots (e.g., allergy shots). Also include paramedics, medics and physical therapists working with or in a doctor's office. Do not include: dentists, oral surgeons, chiropractors, chiropodists, podiatrists, naturopaths, Christian Science healers, opticians, optometrists, and psychologists or social workers.

OSQ.072 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 professional to take a **prescribed medicine** for osteoporosis?

HAND CARD OSQ 2

- YES..... 1
- NO 2
- REFUSED..... 7
- DON'T KNOW..... 9

HELP SCREEN:

Osteoporosis: A disease in which bones become less dense, which makes them more fragile and likely to break. Osteoporosis is not always painful. In fact, many people don't know they have osteoporosis unless a bone breaks. A doctor may tell you that you have osteoporosis after you have had a broken bone or a bone density test.

OSQ.130 {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.]

- YES..... 1
- NO 2 (OSQ.150)
- REFUSED..... 7 (OSQ.150)
- DON'T KNOW..... 9 (OSQ.150)

OSQ.140 Please think about {your/SP's} use of prednisone or cortisone during {your/his/her} lifetime. For how long did
Q/U {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.

ENTER NUMBER (OF MONTHS OR YEARS)

CAPI INSTRUCTION: SOFT EDIT: 19 OR HIGHER.

- REFUSED.....777
- DON'T KNOW.....999

ENTER UNIT

- MONTH..... 1
- YEAR 2
- REFUSED..... 7
- DON'T KNOW..... 9

OSQ.150 Including living and deceased, were either of {your/SP's} biological parents ever told by a doctor or other health
professional that they had osteoporosis or brittle bones?

- YES..... 1
- NO 2 (OSQ.170)
- REFUSED..... 7 (OSQ.170)
- DON'T KNOW..... 9 (OSQ.170)

OSQ.160 Which biological [blood] parent?

CODE ALL THAT APPLY

- MOTHER 1
- FATHER 2
- REFUSED..... 7
- DON'T KNOW..... 9

OSQ.170 Did {your/SP's} biological mother **ever** fracture her hip?

- YES..... 1
- NO 2 (OSQ.200)
- REFUSED..... 7 (OSQ.200)
- DON'T KNOW..... 9 (OSQ.200)

OSQ.180 About how old was she when she fractured her hip (the **first** time)?

|_|_|_|_| (OSQ.200)
ENTER AGE IN YEARS

CAPI INSTRUCTION:
HARD EDIT: 0-120.
SOFT EDIT: 0-19.
ERROR MESSAGE: 'THAT IS AN UNUSUAL AGE, PLEASE VERIFY.'

REFUSED.....777
DON'T KNOW.....999

OSQ.190 Was she. . .

under 50 years old, or..... 1
50 years old or older? 2
REFUSED..... 7
DON'T KNOW..... 9

OSQ.200 Did {your/SP's} biological father **ever** fracture his hip?

YES..... 1
NO 2 (END OF SECTION)
REFUSED..... 7 (END OF SECTION)
DON'T KNOW..... 9 (END OF SECTION)

OSQ.210 About how old was he when he fractured his hip (the **first** time)?

|_|_|_|_| (END OF SECTION)
ENTER AGE IN YEARS

CAPI INSTRUCTION:
HARD EDIT: 0-120.
SOFT EDIT: 0-19.
ERROR MESSAGE: 'THAT IS AN UNUSUAL AGE, PLEASE VERIFY.'

REFUSED.....777
DON'T KNOW.....999

OSQ.220 Was he . . .

under 50 years old, or..... 1
50 years old or older? 2
REFUSED..... 7
DON'T KNOW..... 9