

**NHANES 1999-2000 Data Documentation  
July 2006  
Sample Person Questionnaire**

**Osteoporosis (OSQ)**

Survey Years Included in this File: 1999-2000

**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 s/he has been treated for it.

Many 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:**

Household in-person

**Quality Assurance & Quality Control:**

The Osteoporosis questionnaire data was systematically reviewed for logical, processing, and data input errors on a periodic basis during the process of data collection.

The computer CAPI system had built-in consistency checks, online information screens that provided the interviewers with information about the terms used in the questionnaires, and hard and soft edit checks to reduce the number of keying entry errors. All of the interviews were reviewed by the NHANES field office staff for accuracy and completeness.

## Data Processing and Editing:

The number of question iterations related to each type of fracture was limited to the maximum number of fractures reported. For these questions, there were more response fields to loop through than were needed by the survey participants. The questions were processed until the first blank or missing field was found (meaning the participant's last answer had been captured in the previous iteration of the question). When a blank response field was found, that response field and all subsequent response fields were omitted. A maximum of three hip fractures, a maximum of ten wrist fractures, and a maximum of five spine fractures were reported.

Responses to OSD030a (How old were you when you fractured your hip?), OSD030b (How old were you when you fractured your wrist?), and OSD030c (How old were you when you fractured your spine?) were top coded at 85 years for consistency with the top-coded age of the sample person.

If all ages reported by sample persons for a fracture {1<sup>st</sup> time, 2<sup>nd</sup> time, ...} were less than 50 years in OSQ030a and OSQ040a, OSQ030b and OSQ040b, or OSQ030c or OSQ040c, then the associated variables OSQ050a, OSQ050b, or OSQ050c were not included in the OSQ data file or codebook.

Frequency counts were verified during the preparation of the file.

## Analytic Notes:

Appropriate sample weights: interview weights.

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 at [http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical\\_guidelines.htm](http://www.cdc.gov/nchs/about/major/nhanes/nhanes2003-2004/analytical_guidelines.htm).

The OSQ data are publicly available at <http://www.cdc.gov/nchs/nhanes.htm>.