**PFAS exposure and cognitive function in elderly adults: NHANES 2011-2014**

**Data Dictionary**

**OUTCOMES**

Cognitive function (age 60 and above) in the NHANES 2013-2014

<https://wwwn.cdc.gov/nchs/nhanes/search/datapage.aspx?Component=Questionnaire&CycleBeginYear=2013>

Cognitive function (age 60 and above) in the NHANES 2011-2012

<https://wwwn.cdc.gov/nchs/nhanes/search/datapage.aspx?Component=Questionnaire&CycleBeginYear=2011>

The data dictionary only uses 2011-2012 data to save space for the entire document. The 2013-2014 numbers will be similar to what were shown below.

CFDCST1 - CERAD: Score Trial 1 Recall

**Variable Name:**

CFDCST1

**SAS Label:**

CERAD: Score Trial 1 Recall

**English Text:**

CERAD: Score Trial 1 Recall

**Target:**

Both males and females 60 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 9 | Range of Values | 1467 | 1467 |  |
| . | Missing | 220 | 1687 |  |

CFDCST2 - CERAD: Score Trial 2 Recall

**Variable Name:**

CFDCST2

**SAS Label:**

CERAD: Score Trial 2 Recall

**English Text:**

CERAD: Score Trial 2 Recall

**Target:**

Both males and females 60 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 10 | Range of Values | 1463 | 1463 |  |
| . | Missing | 224 | 1687 |  |

CFDCST3 - CERAD: Score Trial 3 Recall

**Variable Name:**

CFDCST3

**SAS Label:**

CERAD: Score Trial 3 Recall

**English Text:**

CERAD: Score Trial 3 Recall

**Target:**

Both males and females 60 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 10 | Range of Values | 1458 | 1458 |  |
| . | Missing | 229 | 1687 |  |

CFDCSR - CERAD: Score Delayed Recall

**Variable Name:**

CFDCSR

**SAS Label:**

CERAD: Score Delayed Recall

**English Text:**

CERAD: Score Delayed Recall

**Target:**

Both males and females 60 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 10 | Range of Values | 1454 | 1454 |  |
| . | Missing | 233 | 1687 |  |

CFDAST - Animal Fluency: Score Total

**Variable Name:**

CFDAST

**SAS Label:**

Animal Fluency: Score Total

**English Text:**

Animal Fluency: Score Total

**Target:**

Both males and females 60 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 40 | Range of Values | 1449 | 1449 |  |
| . | Missing | 238 | 1687 |  |

CFDDS - Digit Symbol: Score

**Variable Name:**

CFDDS

**SAS Label:**

Digit Symbol: Score

**English Text:**

Digit Symbol Coding: Score

**Target:**

Both males and females 60 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 100 | Range of Values | 1422 | 1422 |  |
| . | Missing | 265 | 1687 |  |

**EXPOSURES**

PFAS exposure in the NHANES 2013-2014 (Perfluoroalkyl and Polyfluoroalkyl substances)

1. Perfluoroalkyl and Polyfluoroalkyl Substances - Linear and Branched PFOS and PFOA Isomers (Surplus)
2. Perfluoroalkyl and Polyfluoroalkyl Substances (formerly Polyfluoroalkyl Chemicals - PFC)

<https://wwwn.cdc.gov/nchs/nhanes/search/datapage.aspx?Component=Laboratory&CycleBeginYear=2013>

PFC exposure in the NHANES 2011-2012 (Perfluoroalkyl chemicals)

<https://wwwn.cdc.gov/nchs/nhanes/search/datapage.aspx?Component=Laboratory&CycleBeginYear=2011>

WTSA2YR - Subsample A weights

**Variable Name:**

WTSA2YR

**SAS Label:**

Subsample A weights

**English Text:**

Subsample A weights

**Target:**

Both males and females 12 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 12199.652219 to 643202.3505 | Range of Values | 2144 | 2144 |  |
| . | Missing | 33 | 2177 |  |

LBXPFOA - Perfluorooctanoic acid

**Variable Name:**

LBXPFOA

**SAS Label:**

Perfluorooctanoic acid

**English Text:**

Perfluorooctanoic acid

**Target:**

Both males and females 12 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0.07 to 43 | Range of Values | 1904 | 1904 |  |
| . | Missing | 273 | 2177 |  |

LBXPFOS - Perfluorooctane sulfonic acid

**Variable Name:**

LBXPFOS

**SAS Label:**

Perfluorooctane sulfonic acid

**English Text:**

Perfluorooctane sulfonic acid

**Target:**

Both males and females 12 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0.14 to 235 | Range of Values | 1904 | 1904 |  |
| . | Missing | 273 | 2177 |  |

LBXPFHS - Perfluorohexane sulfonic acid

**Variable Name:**

LBXPFHS

**SAS Label:**

Perfluorohexane sulfonic acid

**English Text:**

Perfluorohexane sulfonic acid

**Target:**

Both males and females 12 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0.07 to 47.8 | Range of Values | 1904 | 1904 |  |
| . | Missing | 273 | 2177 |  |

LBXPFNA - Perfluorononanoic acid

**Variable Name:**

LBXPFNA

**SAS Label:**

Perfluorononanoic acid

**English Text:**

Perfluorononanoic acid

**Target:**

Both males and females 12 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0.06 to 80.77 | Range of Values | 1904 | 1904 |  |
| . | Missing | 273 | 2177 |  |

**COVARIATES**

Demographics in the NHANES 2013-2014 (race, age, gender, education, PIR, marital status)

<https://wwwn.cdc.gov/nchs/nhanes/search/datapage.aspx?Component=Demographics&CycleBeginYear=2013>

Demographics in the NHANES 2011-2012

<https://wwwn.cdc.gov/nchs/nhanes/search/datapage.aspx?Component=Demographics&CycleBeginYear=2011>

SEQN - Respondent sequence number

**Variable Name:**

SEQN

**SAS Label:**

Respondent sequence number

**English Text:**

Respondent sequence number.

**Target:**

Both males and females 0 YEARS - 150 YEARS

SDDSRVYR - Data release cycle

**Variable Name:**

SDDSRVYR

**SAS Label:**

Data release cycle

**English Text:**

Data release cycle

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 7 | NHANES 2011-2012 public release | 9756 | 9756 |  |
| . | Missing | 0 | 9756 |  |

RIAGENDR - Gender

**Variable Name:**

RIAGENDR

**SAS Label:**

Gender

**English Text:**

Gender of the participant.

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Male | 4856 | 4856 |  |
| 2 | Female | 4900 | 9756 |  |
| . | Missing | 0 | 9756 |  |

RIDAGEYR - Age in years at screening

**Variable Name:**

RIDAGEYR

**SAS Label:**

Age in years at screening

**English Text:**

Age in years of the participant at the time of screening. Individuals 80 and over are topcoded at 80 years of age.

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 79 | Range of Values | 9393 | 9393 |  |
| 80 | 80 years of age and over | 363 | 9756 |  |
| . | Missing | 0 | 9756 |  |

RIDRETH3 - Race/Hispanic origin w/ NH Asian

**Variable Name:**

RIDRETH3

**SAS Label:**

Race/Hispanic origin w/ NH Asian

**English Text:**

Recode of reported race and Hispanic origin information, with Non-Hispanic Asian Category

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Mexican American | 1355 | 1355 |  |
| 2 | Other Hispanic | 1076 | 2431 |  |
| 3 | Non-Hispanic White | 2973 | 5404 |  |
| 4 | Non-Hispanic Black | 2683 | 8087 |  |
| 6 | Non-Hispanic Asian | 1282 | 9369 |  |
| 7 | Other Race - Including Multi-Racial | 387 | 9756 |  |
| . | Missing | 0 | 9756 |  |

DMDEDUC2 - Education level - Adults 20+

**Variable Name:**

DMDEDUC2

**SAS Label:**

Education level - Adults 20+

**English Text:**

What is the highest grade or level of school {you have/SP has} completed or the highest degree {you have/s/he has} received?

**English Instructions:**

HAND CARD DMQ1 READ HAND CARD CATEGORIES IF NECESSARY ENTER HIGHEST LEVEL OF SCHOOL

**Target:**

Both males and females 20 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Less than 9th grade | 550 | 550 |  |
| 2 | 9-11th grade (Includes 12th grade with no diploma) | 782 | 1332 |  |
| 3 | High school graduate/GED or equivalent | 1169 | 2501 |  |
| 4 | Some college or AA degree | 1657 | 4158 |  |
| 5 | College graduate or above | 1397 | 5555 |  |
| 7 | Refused | 2 | 5557 |  |
| 9 | Don't Know | 3 | 5560 |  |
| . | Missing | 4196 | 9756 |  |

DMDMARTL - Marital status

**Variable Name:**

DMDMARTL

**SAS Label:**

Marital status

**English Text:**

Marital status

**Target:**

Both males and females 20 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Married | 2683 | 2683 |  |
| 2 | Widowed | 467 | 3150 |  |
| 3 | Divorced | 571 | 3721 |  |
| 4 | Separated | 204 | 3925 |  |
| 5 | Never married | 1188 | 5113 |  |
| 6 | Living with partner | 440 | 5553 |  |
| 77 | Refused | 6 | 5559 |  |
| 99 | Don't Know | 1 | 5560 |  |
| . | Missing | 4196 | 9756 |  |

WTINT2YR - Full sample 2 year interview weight

**Variable Name:**

WTINT2YR

**SAS Label:**

Full sample 2 year interview weight

**English Text:**

Interviewed participants.

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 3320.8855 to 220233.3152 | Range of Values | 9756 | 9756 |  |
| . | Missing | 0 | 9756 |  |

WTMEC2YR - Full sample 2 year MEC exam weight

**Variable Name:**

WTMEC2YR

**SAS Label:**

Full sample 2 year MEC exam weight

**English Text:**

Both interviewed and MEC examined participants.

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 222579.78343 | Range of Values | 9756 | 9756 |  |
| . | Missing | 0 | 9756 |  |

SDMVPSU - Masked variance pseudo-PSU

**Variable Name:**

SDMVPSU

**SAS Label:**

Masked variance pseudo-PSU

**English Text:**

Masked variance unit pseudo-PSU variable for variance estimation

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 3 | Range of Values | 9756 | 9756 |  |
| . | Missing | 0 | 9756 |  |

SDMVSTRA - Masked variance pseudo-stratum

**Variable Name:**

SDMVSTRA

**SAS Label:**

Masked variance pseudo-stratum

**English Text:**

Masked variance unit pseudo-stratum variable for variance estimation

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 90 to 103 | Range of Values | 9756 | 9756 |  |
| . | Missing | 0 | 9756 |  |

INDFMPIR - Ratio of family income to poverty

**Variable Name:**

INDFMPIR

**SAS Label:**

Ratio of family income to poverty

**English Text:**

A ratio of family income to poverty guidelines.

**Target:**

Both males and females 0 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 4.99 | Range of Values | 7656 | 7656 |  |
| 5 | Value greater than or equal to 5.00 | 1260 | 8916 |  |
| . | Missing | 840 | 9756 |  |

Alcohol, cigarette smoking, BMI, diabetes, hypertension and cholesterol, stroke and CHD in the NHANES 2013-2014

<https://wwwn.cdc.gov/nchs/nhanes/Search/DataPage.aspx?Component=Questionnaire&CycleBeginYear=2013>

Alcohol, cigarette smoking, BMI, diabetes, hypertension and cholesterol, stroke and CHD in the NHANES 2011-2012

<https://wwwn.cdc.gov/nchs/nhanes/Search/DataPage.aspx?Component=Questionnaire&CycleBeginYear=2011>

ALQ101 - Had at least 12 alcohol drinks/1 yr?

**Variable Name:**

ALQ101

**SAS Label:**

Had at least 12 alcohol drinks/1 yr?

**English Text:**

The next questions are about drinking alcoholic beverages. Included are liquor (such as whiskey or gin), beer, wine, wine coolers, and any other type of alcoholic beverage.In any one year, {have you/has SP} had at least 12 drinks of any type of alcoholic beverage? By a drink, I mean a 12 oz. beer, a 5 oz. glass of wine, or one and half ounces of liquor.

**Target:**

Both males and females 18 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 3577 | 3577 | ALQ120Q |
| 2 | No | 1397 | 4974 |  |
| 7 | Refused | 0 | 4974 |  |
| 9 | Don't know | 3 | 4977 |  |
| . | Missing | 638 | 5615 |  |

ALQ110 - Had at least 12 alcohol drinks/lifetime?

**Variable Name:**

ALQ110

**SAS Label:**

Had at least 12 alcohol drinks/lifetime?

**English Text:**

In {your/SP's} entire life, {have you/has he/ has she} had at least 12 drinks of any type of alcoholic beverage?

**Target:**

Both males and females 18 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 611 | 611 |  |
| 2 | No | 783 | 1394 | End of Section |
| 7 | Refused | 0 | 1394 | End of Section |
| 9 | Don't know | 6 | 1400 | End of Section |
| . | Missing | 4215 | 5615 |  |

ALQ120Q - How often drink alcohol over past 12 mos

**Variable Name:**

ALQ120Q

**SAS Label:**

How often drink alcohol over past 12 mos

**English Text:**

In the past 12 months, how often did {you/SP} drink any type of alcoholic beverage? PROBE: How many days per week, per month, or per year did {you/SP} drink?

**English Instructions:**

ENTER '0' FOR NEVER. ENTER QUANTITY.

**Target:**

Both males and females 18 YEARS - 150 YEARS

**Hard Edits:**

0 to 366

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 0 to 350 | Range of Values | 4181 | 4181 |  |
| 777 | Refused | 2 | 4183 |  |
| 999 | Don't know | 5 | 4188 |  |
| . | Missing | 1427 | 5615 |  |

ALQ120U - # days drink alcohol per wk, mo, yr

**Variable Name:**

ALQ120U

**SAS Label:**

# days drink alcohol per wk, mo, yr

**English Text:**

UNIT OF MEASURE.

**English Instructions:**

ENTER UNIT.

**Target:**

Both males and females 18 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Week | 1371 | 1371 |  |
| 2 | Month | 924 | 2295 |  |
| 3 | Year | 1032 | 3327 |  |
| 7 | Refused | 0 | 3327 |  |
| 9 | Don't know | 0 | 3327 |  |
| . | Missing | 2288 | 5615 |  |

ALQ130 - Avg # alcoholic drinks/day - past 12 mos

**Variable Name:**

ALQ130

**SAS Label:**

Avg # alcoholic drinks/day - past 12 mos

**English Text:**

In the past 12 months, on those days that {you/SP} drank alcoholic beverages, on the average, how many drinks did {you/he/she} have?

**English Instructions:**

IF LESS THAN 1 DRINK, ENTER '1'. IF 95 DRINKS OR MORE, ENTER '95'. ENTER # OF DRINKS.

**Target:**

Both males and females 18 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 82 | Range of Values | 3329 | 3329 |  |
| 777 | Refused | 2 | 3331 |  |
| 999 | Don't know | 3 | 3334 |  |
| . | Missing | 2281 | 5615 |  |

SMQ020 - Smoked at least 100 cigarettes in life

**Variable Name:**

SMQ020

**SAS Label:**

Smoked at least 100 cigarettes in life

**English Text:**

These next questions are about cigarette smoking and other tobacco use. {Have you/Has SP} smoked at least 100 cigarettes in {your/his/her} entire life?

**Target:**

Both males and females 20 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 2369 | 2369 |  |
| 2 | No | 3184 | 5553 | SMAQUEX2 |
| 7 | Refused | 2 | 5555 | SMAQUEX2 |
| 9 | Don't know | 4 | 5559 | SMAQUEX2 |
| . | Missing | 1231 | 6790 |  |

SMQ040 - Do you now smoke cigarettes

**Variable Name:**

SMQ040

**SAS Label:**

Do you now smoke cigarettes

**English Text:**

{Do you/Does SP} now smoke cigarettes . .

**Target:**

Both males and females 20 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Every day | 912 | 912 | SMQ077 |
| 2 | Some days | 196 | 1108 | SMD641 |
| 3 | Not at all | 1259 | 2367 |  |
| 7 | Refused | 2 | 2369 | SMAQUEX2 |
| 9 | Don't know | 0 | 2369 | SMAQUEX2 |
| . | Missing | 4421 | 6790 |  |

BPQ020 - Ever told you had high blood pressure

**Variable Name:**

BPQ020

**SAS Label:**

Ever told you had high blood pressure

**English Text:**

{Have you/Has SP} ever been told by a doctor or other health professional that {you/s/he} had hypertension, also called high blood pressure?

**Target:**

Both males and females 16 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 2031 | 2031 |  |
| 2 | No | 4134 | 6165 | BPQ057 |
| 7 | Refused | 0 | 6165 | BPQ057 |
| 9 | Don't know | 9 | 6174 | BPQ057 |
| . | Missing | 1 | 6175 |  |

BPQ080 - Doctor told you - high cholesterol level

**Variable Name:**

BPQ080

**SAS Label:**

Doctor told you - high cholesterol level

**English Text:**

{Have you/Has SP} ever been told by a doctor or other health professional that {your/his/her} blood cholesterol level was high?

**Target:**

Both males and females 20 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 1826 | 1826 | BPQ070 |
| 2 | No | 3696 | 5522 |  |
| 7 | Refused | 1 | 5523 |  |
| 9 | Don't know | 36 | 5559 |  |
| . | Missing | 616 | 6175 |  |

DIQ010 - Doctor told you have diabetes

**Variable Name:**

DIQ010

**SAS Label:**

Doctor told you have diabetes

**English Text:**

The next questions are about specific medical conditions. {Other than during pregnancy, {have you/has SP}/{Have you/Has SP}} ever been told by a doctor or health professional that {you have/{he/she/SP} has} diabetes or sugar diabetes?

**English Instructions:**

CAPI INSTRUCTION: IF SP AGE < 15, DISPLAY "HAVE SP" FOR THE FIRST DISPLAY AND "SP HAS" FOR THE SECOND DISPLAY. IF SP IS FEMALE AND AGE >= 20, DISPLAY "OTHER THAN DURING PREGNANCY, {HAVE YOU/HAS SP}".

**Target:**

Both males and females 1 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 708 | 708 |  |
| 2 | No | 8524 | 9232 | DIQ159 |
| 3 | Borderline | 125 | 9357 | DIQ159 |
| 7 | Refused | 1 | 9358 | DIQ159 |
| 9 | Don't know | 5 | 9363 | DIQ159 |
| . | Missing | 1 | 9364 |  |

MCQ160c - Ever told you had coronary heart disease

**Variable Name:**

MCQ160c

**SAS Label:**

Ever told you had coronary heart disease

**English Text:**

Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had coronary (kor-o-nare-ee) heart disease?

**Target:**

Both males and females 20 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 196 | 196 |  |
| 2 | No | 5342 | 5538 |  |
| 7 | Refused | 2 | 5540 |  |
| 9 | Don't know | 19 | 5559 |  |
| . | Missing | 3805 | 9364 |  |

MCQ160f - Ever told you had a stroke

**Variable Name:**

MCQ160f

**SAS Label:**

Ever told you had a stroke

**English Text:**

Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had a stroke?

**Target:**

Both males and females 20 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 229 | 229 |  |
| 2 | No | 5326 | 5555 |  |
| 7 | Refused | 1 | 5556 |  |
| 9 | Don't know | 3 | 5559 |  |
| . | Missing | 3805 | 9364 |  |

WHD010 - Current self-reported height (inches)

**Variable Name:**

WHD010

**SAS Label:**

Current self-reported height (inches)

**English Text:**

These next questions ask about {your/SP's} height and weight at different times in {your/his/her} life. How tall {are you/is SP} without shoes?

**English Instructions:**

ENTER HEIGHT IN FEET AND INCHES OR METERS AND CENTIMETERS.

**Target:**

Both males and females 16 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 53 to 84 | Range of Values | 6060 | 6060 |  |
| 7777 | Refused | 2 | 6062 |  |
| 9999 | Don't know | 82 | 6144 |  |
| . | Missing | 31 | 6175 |  |

WHD020 - Current self-reported weight (pounds)

**Variable Name:**

WHD020

**SAS Label:**

Current self-reported weight (pounds)

**English Text:**

How much {do you/does SP} weigh without clothes or shoes?

**English Instructions:**

RECORD CURRENT WEIGHT. IF PREGNANT, ASK FOR WEIGHT BEFORE PREGNANCY. ENTER WEIGHT IN POUNDS OR KILOGRAMS.

**Target:**

Both males and females 16 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 70 to 464 | Range of Values | 6074 | 6074 |  |
| 7777 | Refused | 10 | 6084 |  |
| 9999 | Don't know | 57 | 6141 |  |
| . | Missing | 34 | 6175 |  |

**A priori covariates to adjust for: race, age, gender, education, PIR, marital status, cigarette smoking, alcohol intake, body mass index**

**Potential covariates to adjust for or consider in stratified analysis: history of diabetes, hypertension, high cholesterol, stroke, coronary heart disease**

**Weight variable: WTSA4YR=½\*WTSA2YR (1/3 sub sample for PFAS assays, 4 year weight for 2011-2014)**