

## 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

### RIDAGEYR:

Age in years, at the time of the screening interview, is reported for survey participants between the ages of 1 and 79 years of age. Due to disclosure concern, all responses of participants aged 80 years and older are coded as '80.' In NHANES 2017-March 2020 pre-pandemic sample, the weighted mean age for participants 80 years and older is 85 years.

## 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	14878	14878	
80	80 years of age and over	682	15560	
.	Missing	0	15560	

## 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	7721	7721	
2	Female	7839	15560	
.	Missing	0	15560	

RIDRETH3: This is the race-ethnicity variable included in the demographics file since the 2011-2012 survey cycle to accommodate the oversample of Asian Americans. It was derived from responses to the survey questions on race and Hispanic origin. Respondents who self-

identified as “Mexican American” were coded as such (i.e., RIDRETH3=1) regardless of their other race-ethnicity identities. Otherwise, self-identified “Hispanic” ethnicity would result in code “2, Other Hispanic” in the RIDRETH3 variable. All other non-Hispanic participants would then be categorized based on their self-reported races: non-Hispanic white (RIDRETH3=3), non-Hispanic black (RIDRETH3=4), non-Hispanic Asian (RIDRETH3=6), and other non-Hispanic races including non-Hispanic multiracial (RIDRETH3=7). Code “5” was not used in RIDRETH3

### 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	1990	1990	
2	Other Hispanic	1544	3534	
3	Non-Hispanic White	5271	8805	
4	Non-Hispanic Black	4098	12903	
6	Non-Hispanic Asian	1638	14541	
7	Other Race - Including Multi-Racial	1019	15560	
.	Missing	0	15560	

### LBXGLU - Fasting Glucose (mg/dL)

**Variable Name:** LBXGLU  
**SAS Label:** Fasting Glucose (mg/dL)  
**English Text:** Fasting Glucose (mg/dL)  
**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
47 to 524	Range of Values	4744	4744	
.	Missing	346	5090	

#### Data Processing and Editing

The data were reviewed. Incomplete data or improbable values were sent to the performing laboratory for confirmation.

One variable was created in this data file. The variable was created using the following formulas:

LBXGLU and LBDGLUSI:

The fasting glucose value in mg/dL (LBXGLU) was converted to mmol/L (LBDGLUSI) by multiplying by 0.05551 (rounded to 3 decimals).

### LBXGH - Glycohemoglobin (%)

**Variable Name:** LBXGH  
**SAS Label:** Glycohemoglobin (%)  
**English Text:** Glycohemoglobin (%)  
**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
2.8 to 16.2	Range of Values	9737	9737	
.	Missing	672	10409	

### 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	1445	1445	
2	No	13249	14694	DIQ159
3	Borderline	284	14978	DIQ159
7	Refused	0	14978	DIQ159
9	Don't know	8	14986	DIQ159
.	Missing	0	14986	

## DIQ050 - Taking insulin now

**Variable Name:** DIQ050  
**SAS Label:** Taking insulin now  
**English Text:** {Is SP/Are you} now taking insulin  
**Target:** Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	427	427	
2	No	1017	1444	DIQ065
7	Refused	0	1444	DIQ065
9	Don't know	1	1445	DIQ065
.	Missing	13541	14986	

## DIQ070 - Take diabetic pills to lower blood sugar

**Variable Name:** DIQ070  
**SAS Label:** Take diabetic pills to lower blood sugar  
**English Text:** {Is SP/Are you} now taking diabetic pills to lower {{his/her}/your} blood sugar? These are sometimes called oral agents or oral hypoglycemic agents.  
**Target:** Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1128	1128	
2	No	1546	2674	
7	Refused	0	2674	
9	Don't know	5	2679	
.	Missing	12307	14986	

### LBXTR - Triglyceride (mg/dL)

**Variable Name:** LBXTR  
**SAS Label:** Triglyceride (mg/dL)  
**English Text:** Triglyceride (mg/dL)  
**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
10 to 2684	Range of Values	4650	4650	
.	Missing	440	5090	

### LBDHDD - Direct HDL-Cholesterol (mg/dL)

**Variable Name:** LBDHDD  
**SAS Label:** Direct HDL-Cholesterol (mg/dL)  
**English Text:** Direct HDL-Cholesterol (mg/dL)  
**Target:** Both males and females 6 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
5 to 189	Range of Values	10828	10828	
.	Missing	1370	12198	

### BMXBMI - Body Mass Index (kg/m\*\*2)

**Variable Name:** BMXBMI  
**SAS Label:** Body Mass Index (kg/m\*\*2)  
**English Text:** Body Mass Index (kg/m\*\*2)  
**Target:** Both males and females 2 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
11.9 to 92.3	Range of Values	13137	13137	
.	Missing	1163	14300	

## BMXWAIST - Waist Circumference (cm)

**Variable Name:** BMXWAIST  
**SAS Label:** Waist Circumference (cm)  
**English Text:** Waist Circumference (cm)  
**Target:** Both males and females 2 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
40 to 187.5	Range of Values	12574	12574	
.	Missing	1726	14300	

## BPXOSY1 - Systolic - 1st oscillometric reading

**Variable Name:** BPXOSY1  
**SAS Label:** Systolic - 1st oscillometric reading  
**English Text:** Systolic - 1st oscillometric reading  
**Target:** Both males and females 8 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
52 to 225	Range of Values	10352	10352	
.	Missing	1304	11656	

## BPXODI1 - Diastolic - 1st oscillometric reading

**Variable Name:** BPXODI1  
**SAS Label:** Diastolic - 1st oscillometric reading  
**English Text:** Diastolic - 1st oscillometric reading  
**Target:** Both males and females 8 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
31 to 151	Range of Values	10352	10352	
.	Missing	1304	11656	

## MCQ300c - Close relative had diabetes?

**Variable Name:** MCQ300c

**SAS Label:** Close relative had diabetes?

**English Text:** Including living and deceased, were any of {SP's/your} close biological that is, blood relatives including father, mother, sisters or brothers, ever told by a health professional that they had diabetes?

**English Instructions:** CAPI INSTRUCTION: TEXT QUESTION SHOULD BE OPTIONAL, ' [ ] 'S, AFTER FIRST TIME.

**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	4367	4367	
2	No	4732	9099	
7	Refused	2	9101	
9	Don't know	131	9232	
.	Missing	5754	14986	

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

**Variable Name:** ALQ130

**SAS Label:** Avg # alcoholic drinks/day - past 12 mos

**English Text:** During the past 12 months, on those days that {you/SP} drank alcoholic beverages, on the average, how many drinks did {you/he/she} have? By a drink, I mean a 12 oz. beer, a 5 oz. glass of wine, or one and a half ounces of liquor.)

**English Instructions:** ENTER # OF DRINKS. IF LESS THAN 1 DRINK, ENTER '1'.

**Target:** Both males and females 18 YEARS - 150 YEARS

**Hard Edits:** 1 to 14

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 13	Range of Values	5824	5824	
15	15 drinks or more	29	5853	
777	Refused	1	5854	
999	Don't know	9	5863	
.	Missing	3102	8965	

## PAQ650 - Vigorous recreational activities

**Variable Name:** PAQ650

**SAS Label:** Vigorous recreational activities

**English Text:** The next questions exclude the work and transport activities that you have already mentioned. Now I would like to ask you about sports, fitness and recreational activities. In a typical week {do you/does SP} do any vigorous-intensity sports, fitness, or recreational activities that cause large increases in breathing or heart rate like running or basketball for at least 10 minutes continuously?

**Target:** Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2422	2422	
2	No	7271	9693	PAQ665
7	Refused	0	9693	PAQ665
9	Don't know	0	9693	PAQ665
.	Missing	0	9693	

## 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 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Every day	1306	1306	SMQ078
2	Some days	378	1684	SMD641
3	Not at all	2205	3889	
7	Refused	0	3889	SMAQUX2
9	Don't know	0	3889	SMAQUX2
.	Missing	7248	11137	



### DR1TKCAL - Energy (kcal)

**Variable Name:** DR1TKCAL  
**SAS Label:** Energy (kcal)  
**English Text:** Energy (kcal)  
**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 12501	Range of Values	12392	12392	
.	Missing	1908	14300	

### DR1TSUGR - Total sugars (gm)

**Variable Name:** DR1TSUGR  
**SAS Label:** Total sugars (gm)  
**English Text:** Total sugars (gm)  
**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0 to 931.16	Range of Values	12392	12392	
.	Missing	1908	14300	

### URDACT - Albumin creatinine ratio (mg/g)

**Variable Name:** URDACT  
**SAS Label:** Albumin creatinine ratio (mg/g)  
**English Text:** Albumin creatinine ratio (mg/g)  
**Target:** Both males and females 3 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0.27 to 11676.92	Range of Values	12509	12509	
.	Missing	518	13027	