

Information on NHANES 2017-March 2020 Pre-pandemic

<https://wwwn.cdc.gov/nchs/nhanes/continuousnhanes/default.aspx?cycle=2017-2020>

Information on the variables

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

RIDSTATR - Interview/Examination status

Variable Name:

RIDSTATR

SAS Label:

Interview/Examination status

English Text:

Interview and examination status of the participant.

Target:

Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description
1	Interviewed only
2	Both interviewed and MEC examined
.	Missing

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
1	Male
2	Female

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
0 to 79	Range of Values
80	80 years of age and over

RIDRETH1 - Race/Hispanic origin

Variable Name:

RIDRETH1

SAS Label:

Race/Hispanic origin

English Text:

Recode of reported race and Hispanic origin information

Target:

Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description
1	Mexican American
2	Other Hispanic
3	Non-Hispanic White
4	Non-Hispanic Black
5	Other Race - Including Multi-Racial

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
1	Mexican American
2	Other Hispanic
3	Non-Hispanic White

Code or Value	Value Description
4	Non-Hispanic Black
6	Non-Hispanic Asian
7	Other Race - Including Multi-Racial

DMDBORN4 - Country of birth

Variable Name:

DMDBORN4

SAS Label:

Country of birth

English Text:

In what country {were you/was SP} born?

Target:

Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description
1	Born in 50 US states or Washington, DC
2	Others
77	Refused
99	Don't Know

DMDYRUSZ - Length of time in US

Variable Name:

DMDYRUSZ

SAS Label:

Length of time in US

English Text:

Length of time the participant has been in the US.

Target:

Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description
1	Less than 5 years
2	5 years or more, but less than 15 years
3	15 years or more, but less than 30 years
4	30 years or more
77	Refused
99	Don't Know
.	Missing

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

Code or Value	Value Description
1	Less than 9th grade
2	9-11th grade (Includes 12th grade with no diploma)
3	High school graduate/GED or equivalent
4	Some college or AA degree
5	College graduate or above
7	Refused
9	Don't Know

DMDMARTZ - Marital status

Variable Name:

DMDMARTZ

SAS Label:

Marital status

English Text:

Marital status

Target:

Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description
1	Married/Living with Partner
2	Widowed/Divorced/Separated
3	Never married
77	Refused
99	Don't Know
.	Missing

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
0 to 4.98	Range of Values
5	Value greater than or equal to 5.00
.	Missing

HIQ011 - Covered by health insurance

Variable Name:

HIQ011

SAS Label:

Covered by health insurance

English Text:

{Are you/Is SP} covered by health insurance or some other kind of health care plan? [Include health insurance obtained through employment or purchased directly as well as government programs like Medicare and Medicaid that provide medical care or help pay medical bills.]

Target:

Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description
1	Yes
2	No
7	Refused
9	Don't know

BMXBMI - Body Mass Index (kg/m2)**

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
11.9 to 92.3	Range of Values
.	Missing

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 18 YEARS - 150 YEARS

Code or Value	Value Description
1	Yes
2	No
7	Refused
9	Don't know
.	Missing

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
1	Every day
2	Some days
3	Not at all
7	Refused
9	Don't know
.	Missing

ALQ111 - Ever had a drink of any kind of alcohol

Variable Name:

ALQ111

SAS Label:

Ever had a drink of any kind of alcohol

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 {your/SP's} entire life, {have

you/has he/has she} had at least 1 drink of any kind of alcohol, not counting small tastes or sips? 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:

HAND CARD ALQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description
1	Yes
2	No
7	Refused
9	Don't know
.	Missing

ALQ121 - Past 12 mo how often drink alcoholic bev

Variable Name:

ALQ121

SAS Label:

Past 12 mo how often drink alcoholic bev

English Text:

During the past 12 months, about 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:

HAND CARD ALQ2

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description
0	Never in the last year
1	Every day
2	Nearly every day
3	3 to 4 times a week
4	2 times a week
5	Once a week
6	2 to 3 times a month
7	Once a month
8	7 to 11 times in the last year
9	3 to 6 times in the last year
10	1 to 2 times in the last year
77	Refused

Code or Value	Value Description
99	Don't know
.	Missing

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
1 to 13	Range of Values
15	15 drinks or more
777	Refused
999	Don't know
.	Missing

ALQ142 - # days have 4 or 5 drinks/past 12 mos

Variable Name:

ALQ142

SAS Label:

days have 4 or 5 drinks/past 12 mos

English Text:

During the past 12 months, about how often did {you/SP} have {DISPLAY NUMBER} or more drinks of any alcoholic beverage? PROBE: How many days per week, per month, or per year did {you/SP} have {DISPLAY NUMBER} or more drinks in a single day?

English Instructions:

HAND CARD ALQ2 INTERVIEWER INSTRUCTION: IF SP ANSWERS NONE, PLEASE CODE '0', NEVER IN THE LAST YEAR. CAPI INSTRUCTION: IF SP = MALE, DISPLAY = 5 IF SP = FEMALE, DISPLAY = 4 HARD EDIT: ALQ142 CANNOT HAVE A LOWER CODED VALUE THAN ALQ121, UNLESS ALQ142 IS CODED '0'. ERROR MESSAGE: "SP HAS REPORTED DRINKING MORE TIMES IN THIS QUESTION THAN WAS PREVIOUSLY REPORTED IN ALQ121."

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description
0	Never in the last year
1	Every day
2	Nearly every day
3	3 to 4 times a week
4	2 times a week
5	Once a week
6	2 to 3 times a month
7	Once a month
8	7 to 11 times in the last year
9	3 to 6 times in the last year
10	1 to 2 times in the last year
77	Refused
99	Don't know
.	Missing

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
52 to 225	Range of Values
.	Missing

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
31 to 151	Range of Values
.	Missing

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
1	Yes
2	No
7	Refused
9	Don't know
.	Missing

Depressive symptoms – measured using the Patient Health Questionnaire (PHQ)-9 (DPQ010-DPQ090)

- Each of the 9 items range from 0-3
- Sum the 9 items to make a total score that ranges from 0-27
- For the dichotomous variable (depression yes/no), total scores of 0-9 indicate no depression; total scores 10-27 indicate depression

For more information on the PHQ-9:

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1495268/>

DPQ010 - Have little interest in doing things

Variable Name:

DPQ010

SAS Label:

Have little interest in doing things

English Text:

Over the last 2 weeks, how often have you been bothered by the following problems: little interest or pleasure in doing things? Would you say...

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	6166	6166	
1	Several days	1372	7538	
2	More than half the days	450	7988	
3	Nearly every day	310	8298	
7	Refused	4	8302	
9	Don't know	6	8308	
.	Missing	657	8965	

DPQ020 - Feeling down, depressed, or hopeless

Variable Name:

DPQ020

SAS Label:

Feeling down, depressed, or hopeless

English Text:

[Over the last 2 weeks, how often have you been bothered by the following problems:] feeling down, depressed, or hopeless?

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	6187	6187	
1	Several days	1456	7643	
2	More than half the days	387	8030	

Code or Value	Value Description	Count	Cumulative	Skip to Item
3	Nearly every day	269	8299	
7	Refused	2	8301	
9	Don't know	5	8306	
.	Missing	659	8965	

DPQ030 - Trouble sleeping or sleeping too much

Variable Name:

DPQ030

SAS Label:

Trouble sleeping or sleeping too much

English Text:

[Over the last 2 weeks, how often have you been bothered by the following problems:] trouble falling or staying asleep, or sleeping too much?

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	5023	5023	
1	Several days	1890	6913	
2	More than half the days	621	7534	
3	Nearly every day	764	8298	
7	Refused	3	8301	
9	Don't know	5	8306	

Code or Value	Value Description	Count	Cumulative	Skip to Item
.	Missing	659	8965	

DPQ040 - Feeling tired or having little energy

Variable Name:

DPQ040

SAS Label:

Feeling tired or having little energy

English Text:

[Over the last 2 weeks, how often have you been bothered by the following problems:] feeling tired or having little energy?

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	4164	4164	
1	Several days	2682	6846	
2	More than half the days	754	7600	
3	Nearly every day	697	8297	
7	Refused	4	8301	
9	Don't know	4	8305	
.	Missing	660	8965	

DPQ050 - Poor appetite or overeating

Variable Name:

DPQ050

SAS Label:

Poor appetite or overeating

English Text:

[Over the last 2 weeks, how often have you been bothered by the following problems:] poor appetite or overeating?

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	6165	6165	
1	Several days	1293	7458	
2	More than half the days	464	7922	
3	Nearly every day	377	8299	
7	Refused	2	8301	
9	Don't know	4	8305	
.	Missing	660	8965	

DPQ060 - Feeling bad about yourself

Variable Name:

DPQ060

SAS Label:

Feeling bad about yourself

English Text:

[Over the last 2 weeks, how often have you been bothered by the following problems:] feeling bad about yourself - or that you are a failure or have let yourself or your family down?

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	6881	6881	
1	Several days	968	7849	

Code or Value	Value Description	Count	Cumulative	Skip to Item
2	More than half the days	239	8088	
3	Nearly every day	207	8295	
7	Refused	3	8298	
9	Don't know	6	8304	
.	Missing	661	8965	

DPQ070 - Trouble concentrating on things

Variable Name:

DPQ070

SAS Label:

Trouble concentrating on things

English Text:

[Over the last 2 weeks, how often have you been bothered by the following problems:] trouble concentrating on things, such as reading the newspaper or watching TV?

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	6862	6862	
1	Several days	892	7754	
2	More than half the days	254	8008	
3	Nearly every day	291	8299	
7	Refused	2	8301	

Code or Value	Value Description	Count	Cumulative	Skip to Item
9	Don't know	3	8304	
.	Missing	661	8965	

DPQ080 - Moving or speaking slowly or too fast

Variable Name:

DPQ080

SAS Label:

Moving or speaking slowly or too fast

English Text:

[Over the last 2 weeks, how often have you been bothered by the following problems:] moving or speaking so slowly that other people could have noticed? Or the opposite - being so fidgety or restless that you have been moving around a lot more than usual?

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	7422	7422	
1	Several days	531	7953	
2	More than half the days	196	8149	
3	Nearly every day	148	8297	
7	Refused	2	8299	
9	Don't know	5	8304	
.	Missing	661	8965	

DPQ090 - Thoughts you would be better off dead

Variable Name:

DPQ090

SAS Label:

Thoughts you would be better off dead

English Text:

[Over the last 2 weeks, how often have you been bothered by the following problems:] Thoughts that you would be better off dead or of hurting yourself in some way?

English Instructions:

HAND CARD DPQ1

Target:

Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
0	Not at all	7976	7976	
1	Several days	233	8209	
2	More than half the days	51	8260	
3	Nearly every day	36	8296	
7	Refused	2	8298	
9	Don't know	4	8302	
.	Missing	663	8965	