NHANES 2017 - Pre-COVID 2020 Data Variables

Predictor

Variable Name:	MCQ160b
SAS Label:	Ever told had congestive heart failure
English Text:	Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had congestive heart failure?
Target:	Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	361	361	
2	No	8848	9209	
7	Refused	0	9209	
9	Don't know	23	9232	
.	Missing	5754	14986	

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	423	423	
2	No	8781	9204	
7	Refused	0	9204	
9	Don't know	28	9232	
.	Missing	5754	14986	

Variable Name:	MCQ160d
SAS Label:	Ever told you had angina/angina pectoris
English Text:	Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had angina (an-gi-na), also called angina pectoris?
Target:	Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	240	240	
2	No	8951	9191	
7	Refused	0	9191	
9	Don't know	41	9232	
.	Missing	5754	14986	

Clinical

Age

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	

Sex

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	

Total Cholesterol

Variable Name: LBXTC

SAS Label: Total Cholesterol (mg/dL)

English Text: Total Cholesterol (mg/dL)

Target: Both males and females 6 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
71 to 446	Range of Values	10828	10828	
.	Missing	1370	12198	

HDL Cholesterol

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	

Systolic BP

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	

BMI

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	

eGFR

Variable Name: URXUCR

SAS Label: Creatinine, urine (mg/dL)

English Text: Creatinine, urine (mg/dL)

Target: Both males and females 3 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
3.54 to 739	Range of Values	12509	12509	
.	Missing	518	13027	

UACR

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	

HbA1C

Variable Name: DIQ280

SAS Label: What was your last A1C level

English Text: What was {your/SP's} last "A one C" level?

English Instructions: CAPI INSTRUCTION: SOFT EDIT FOR ANY NUMBER LESS THAN 5 OR MORE THAN 14. ENTER VALUE

Target: Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
2.3 to 16	Range of Values	849	849	
777	Refused	2	851	
999	Don't know	367	1218	
.	Missing	13768	14986	

Biomarker Statuses

Smoking Status

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	SMAQUEX2
9	Don't know	0	3889	SMAQUEX2
.	Missing	7248	11137	

Diabetes Status

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	

Anti-hypertensive Medication Status

Variable Name:	RXDRSD1
SAS Label:	ICD-10-CM code 1 description
English Text:	ICD-10-CM code 1 description.
Target:	Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
ICD-10-CM code 1 description	Value was recorded	23100	23100	
< blank >	Missing	9862	32962	

I10	Essential (primary) hypertension
I10.P	Prevent hypertension

Lipid-lowering Medication Status

Variable Name: RXDRSD1

SAS Label: ICD-10-CM code 1 description

English Text: ICD-10-CM code 1 description.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
ICD-10-CM code 1 description	Value was recorded	23100	23100	
< blank >	Missing	9862	32962	

E78.0	Pure hypercholesterolemia
E78.0P	Prevent high cholesterol

SDOH

Socioeconomic Status

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 4.98	Range of Values	11213	11213	
5	Value greater than or equal to 5.00	2146	13359	
.	Missing	2201	15560	

Education Level

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	719	719	
2	9-11th grade (Includes 12th grade with no diploma)	1041	1760	
3	High school graduate/GED or equivalent	2225	3985	
4	Some college or AA degree	2975	6960	
5	College graduate or above	2257	9217	
7	Refused	2	9219	
9	Don't Know	13	9232	
.	Missing	6328	15560	

Access-to-Healthcare

Variable Name:	HUQ030
SAS Label:	Routine place to go for healthcare
English Text:	Is there a place that {you/SP} usually {go/goes} when {you are/he/she is} sick or {you/s/he} need{s} advice about {your/his/her} health?
English Instructions:	CAPI INSTRUCTION: IF SP AGE < 12, DISPLAY "YOU" IN THE FOURTH DISPLAY AND DON'T DISPLAY THE "S" IN THE FIFTH DISPLAY.
Target:	Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	13514	13514	
2	There is no place	1968	15482	
3	There is more than one place	74	15556	
7	Refused	1	15557	
9	Don't know	3	15560	
.	Missing	0	15560	

Employment

Variable Name:	OCD150
SAS Label:	Type of work done last week
English Text:	(SP Interview Version) In this part of the survey I will ask you questions about {your/SP's} work experience. Which of the following {were you/was SP} doing last week . .
Target:	Both males and females 16 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Working at a job or business,	5370	5370	OCQ180
2	With a job or business but not at work,	219	5589	OCQ210
3	Looking for work, or	463	6052	End of Section
4	Not working at a job or business?	4139	10191	OCD383
7	Refused	1	10192	End of Section
9	Don't know	3	10195	End of Section
.	Missing	0	10195	

Food Security

Variable Name: FSDHH

SAS Label: Household food security category

English Text: Household food security category for last 12 months

English Instructions: Calculated at household level.

Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	HH full food security: 0	8668	8668	
2	HH marginal food security: 1-2	2197	10865	
3	HH low food security: 3-5 (HH w/o child) / 3-7 (HH w/ child)	2289	13154	
4	HH very low food security: 6-10 (HH w/o child) / 8-18 (HH w/ child)	1322	14476	
.	Missing	1084	15560	