

National Health and Nutrition Examination Survey

2017-March 2020 Data Documentation, Codebook, and Frequencies

Smoking - Secondhand Smoke Exposure (P_SMQSHS)

Data File: P_SMQSHS.xpt

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Component Description

The NHANES program suspended field operations in March 2020 due to the coronavirus disease 2019 (COVID-19) pandemic. As a result, data collection for the NHANES 2019-2020 cycle was not completed and the collected data are not nationally representative. Therefore, data collected from 2019 to March 2020 were combined with data from the NHANES 2017-2018 cycle to form a nationally representative sample of NHANES 2017-March 2020 pre-pandemic data. These data are available to the public. Please refer to the Analytic Notes section for more details on the use of the data.

The smoking and tobacco use – secondhand smoke questionnaire provides information on exposure to other persons' cigarette and tobacco smoke in various indoor environments over the past 7 days. A new question was added in 2017-2018 to capture potential exposure to second aerosol from e-cigarettes and other electronic smoking devices.

Eligible Sample

All participants in the NHANES 2017-March 2020 pre-pandemic sample were eligible.

Interview Setting and Mode of Administration

The questions were asked as part of the Sample Person questionnaire, in the home, using the Computer-Assisted Personal interview (CAPI) system for persons aged 18+ years, and to proxy respondents for persons aged 0-11 years. Youth aged 12-17 were asked the questions using CAPI during the MEC Interview.

Quality Assurance & Quality Control

The CAPI system is programmed with built-in consistency checks to reduce data entry errors. CAPI also uses online help screens to assist interviewers in defining key terms used in the questionnaire.

Analytic Notes

The COVID-19 pandemic required suspension of NHANES 2019-2020 field operations in March 2020 after data were collected in 18 of the 30 survey locations in the 2019-2020 sample. Because the collected data from 18 locations were not nationally representative, these data were combined with data from the previous cycle (2017-2018) to create a 2017-March 2020 pre-pandemic data file. A special weighting process was applied to the 2017-March 2020 pre-pandemic data file. The examination or interview sample weights in the demographic data file should be used to calculate estimates from the combined cycles. These sample weights are not appropriate for independent analyses of the 2019-2020 data and will not yield nationally representative results for either the 2017-2018 data alone or the 2019-March 2020 data alone. Please refer to the NHANES website for additional information for the NHANES 2017-March 2020 pre-pandemic data, and for the previous 2017-2018 public use data file with specific weights for that 2-year cycle.

In the questionnaire, participants are asked about each environment where exposure to secondhand smoke may have occurred (job, bar, restaurant, other homes, other indoor place) a filter question was asked to determine first whether the respondent was in this location during the past 7 days. When the response was "no," the respondent was not asked the follow-up question about exposure to smokers at the location. Only

adults 18+ years were asked about tobacco exposure in their workplaces and in bars. The variable SMAQUEx designates the age group and mode of the questionnaire.

Note that only youth aged 12-17 were asked these questions in the MEC, which was at the same time that phlebotomy and urine collection occurred for laboratory measurements.

Questions that identify persons who smoke inside the home are found in SMQFAM. Questions on cigarette smoking and other tobacco use are located in SMQ and SMQRTU data files. Biomarkers of tobacco exposure, including serum cotinine, are found in the NHANES laboratory data files.

Please refer to the [NHANES Analytic Guidelines](#) and the on-line [NHANES Tutorial](#) for further details on the use of sample weights and other analytic issues.

Codebook and Frequencies

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

SMQ856 - Last 7-d worked at job not at home?

Variable Name: SMQ856**SAS Label:** Last 7-d worked at job not at home?**English Text:** I will now ask you about tobacco smoke in other places. During the last 7 days, {were you/was SP} working at a job or business outside of the home?**Target:** Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	5114	5114	
2	No	4578	9692	SMQ860
7	Refused	0	9692	SMQ860
9	Don't know	1	9693	SMQ860
.	Missing	5867	15560	

SMQ858 - Last 7-d at job someone smoked indoors?

Variable Name: SMQ858**SAS Label:** Last 7-d at job someone smoked indoors?**English Text:** While {you were/SP was} working at a job or business outside of the home, did someone else smoke cigarettes or other tobacco products indoors?**Target:** Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	646	646	
2	No	4465	5111	
7	Refused	0	5111	
9	Don't know	3	5114	
.	Missing	10446	15560	

SMQ860 - Last 7-d spent time in a restaurant?

Variable Name: SMQ860**SAS Label:** Last 7-d spent time in a restaurant?**English Text:** {I will now ask you about smoking in other places.} During the last 7 days, did {you/SP} spend time in a restaurant?**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	7723	7723	
2	No	7676	15399	SMQ864
7	Refused	0	15399	SMQ864
9	Don't know	9	15408	SMQ864
.	Missing	152	15560	

SMQ862 - Last 7-d at rest someone smoked indoors?

Variable Name: SMQ862**SAS Label:** Last 7-d at rest someone smoked indoors?**English Text:** While {you were/SP was} in a restaurant, did someone else smoke cigarettes or other tobacco products indoors?**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	282	282	
2	No	7419	7701	
7	Refused	0	7701	
9	Don't know	22	7723	
.	Missing	7837	15560	

SMQ864 - CHECK ITEM

Variable Name:	SMQ864
English Instructions:	CHECK ITEM: IF SP >=18 YEARS, CONTINUE. OTHERWISE, GO TO SMQ870.
Target:	Both males and females 0 YEARS - 150 YEARS

SMQ866 - Last 7-d spent time in a bar?

Variable Name: SMQ866**SAS Label:** Last 7-d spent time in a bar?**English Text:** During the last 7 days, {did you/SP} spend time in a bar?**Target:** Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1244	1244	
2	No	8449	9693	SMQ870
7	Refused	0	9693	SMQ870
9	Don't know	0	9693	SMQ870
.	Missing	5867	15560	

SMQ868 - Last 7-d in bar someone smoked indoors?

Variable Name: SMQ868**SAS Label:** Last 7-d in bar someone smoked indoors?**English Text:** While {you were/SP was} in a bar, did someone else smoke cigarettes or other tobacco products indoors?**Target:** Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	327	327	
2	No	915	1242	
7	Refused	0	1242	
9	Don't know	2	1244	
.	Missing	14316	15560	

SMQ870 - Last 7-d rode in a car?

Variable Name: SMQ870**SAS Label:** Last 7-d rode in a car?**English Text:** During the last 7 days, did {you/SP} ride in a car or motor vehicle?**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	14543	14543	
2	No	863	15406	SMQ874
7	Refused	0	15406	SMQ874
9	Don't know	2	15408	SMQ874
.	Missing	152	15560	

SMQ872 - Last 7-d someone smoked in car?

Variable Name: SMQ872**SAS Label:** Last 7-d someone smoked in car?**English Text:** While {you were/SP was} riding in a car or motor vehicle, did someone else smoke cigarettes or other tobacco products?**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2014	2014	
2	No	12520	14534	
7	Refused	0	14534	
9	Don't know	9	14543	
.	Missing	1017	15560	

SMQ874 - Last 7-d spent time in another home?

Variable Name: SMQ874**SAS Label:** Last 7-d spent time in another home?**English Text:** During the last 7 days, did {you/SP} spend time in a home other than {your/his/her} own?**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	7177	7177	
2	No	8226	15403	SMQ878
7	Refused	0	15403	SMQ878
9	Don't know	5	15408	SMQ878
.	Missing	152	15560	

SMQ876 - Last 7-d in home someone smoked indoors?

Variable Name: SMQ876**SAS Label:** Last 7-d in home someone smoked indoors?**English Text:** While {you were/SP was} in a home other than {your/his/her} own, did someone else smoke cigarettes or other tobacco products indoors?**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	980	980	
2	No	6152	7132	
7	Refused	0	7132	
9	Don't know	45	7177	
.	Missing	8383	15560	

SMQ878 - Last 7-d in other indoor area?

Variable Name: SMQ878**SAS Label:** Last 7-d in other indoor area?**English Text:** During the last 7 days,{were you/was SP} in any other indoor area?**English Instructions:** INTERVIEWER: IF RESPONDENT ASKS WHAT IS MEANT BY OR DOESN'T SEEM TO UNDERSTAND "ANY OTHER INDOOR AREA" SAY "OTHER THAN AT WORK, IN A BAR, RESTAURANT, CAR, OTHER MOTOR VEHICLE, OR A HOUSE."**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	9350	9350	
2	No	6050	15400	
7	Refused	0	15400	
9	Don't know	8	15408	
.	Missing	152	15560	

SMQ880 - Last 7-d in other indoor someone smoked?

Variable Name: SMQ880**SAS Label:** Last 7-d in other indoor someone smoked?**English Text:** While {you were/SP was} in the other indoor area, did someone else smoke cigarettes or other tobacco products?**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	651	651	
2	No	8674	9325	
7	Refused	0	9325	
9	Don't know	25	9350	
.	Missing	6210	15560	

SMQ940 - Last 7-d someone used e-cigs indoors?

Variable Name: SMQ940**SAS Label:** Last 7-d someone used e-cigs indoors?**English Text:** The next question is about e-cigarettes. During the last 7 days, {were you/was SP} in an indoor place where someone was using an e cigarette, e hookah, vape pen or other similar electronic product?**Target:** Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1743	1743	
2	No	13421	15164	
7	Refused	0	15164	
9	Don't know	46	15210	
.	Missing	350	15560	

SMAQUEX - Questionnaire Mode Flag

Variable Name: SMAQUEX
SAS Label: Questionnaire Mode Flag
English Text: Questionnaire Mode Flag.
Target: Both males and females 0 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	MEC CAPI Youth (12 - 17 Yrs.)	1444	1444	
2	Household CAPI Adults (18+ Yrs.)	9693	11137	
3	Household CAPI Youth (0 - 11 Yrs.)	4327	15464	
.	Missing	96	15560	