

National Health and Nutrition Examination Survey

August 2021-August 2023 Data Documentation, Codebook, and Frequencies

Smoking - Recent Tobacco Use (SMQRTU_L)

Data File: SMQRTU_L.xpt

First Published: September 2024

Last Revised: NA

Component Description

The smoking - recent tobacco use questionnaire (variable name prefix SMQRTU) provides details on use of cigarettes, pipes, cigars, and other forms of tobacco, including e-cigarette use, as well as nicotine replacement therapies in the past 5 days.

Eligible Sample

Participants aged 12 years and older who were able to understand and read English or Spanish were eligible. The interview was not administered to participants needing a proxy informant.

Interview Setting and Mode of Administration

Questions were self-administered at the Mobile Examination Center (MEC) during the personal (MEC) Interview using the Audio Computer-Assisted Self-Interview (ACASI) system, in English and Spanish only.

Quality Assurance & Quality Control

ACASI systems are programmed with built-in consistency checks to reduce data entry errors.

Data Processing and Editing

Edits were made to ensure completeness, consistency, and analytic usefulness of the data. A variable, SMAQUEX was created as a flag to designate each age group.

Analytic Notes

SMDANY is a summary variable for any tobacco use in the past 5 days. For adults 18+ years, this was based on responses to three questions on tobacco use (smoke, smokeless, nicotine replacement therapy products) (SMQ681, SMQ851, SMQ863). For youths 12-17 years, SMDANY was based on responses to SMQ681 and SMQ851 (smoke and smokeless).

SMQ720: Reports of 40 or more cigarettes per day were assigned a top code of 40.

SMQ690K: Smokeless products were grouped due to limited numbers of counts for specific products.

Related questions on cigarette and tobacco use for August 2021-August 2023 are located in the SMQ data files. Biomarkers for tobacco exposure, including serum cotinine, are found in 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 12 YEARS - 150 YEARS

SMQ681 - Smoked tobacco last 5 days?

Variable Name: SMQ681

SAS Label: Smoked tobacco last 5 days?

English Text: During the past 5 days, including today, did you smoke cigarettes, pipes, regular cigars, cigarillos, or little filtered cigars, water pipes, or hookahs with tobacco?

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	935	935	
2	No	5330	6265	SMQ846
7	Refused	1	6266	SMQ846
9	Don't know	2	6268	SMQ846
.	Missing	931	7199	

SMQ690A - Used last 5 days - Cigarettes

Variable Name: SMQ690A

SAS Label: Used last 5 days - Cigarettes

English Text: Which of these products did {you/he/she} use?

English Instructions: (CHECK ALL THAT APPLY). Verbal instructions to respondent: Please select all that you used.

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Cigarettes	788	788	
77	Refused	1	789	
99	Don't know	3	792	
.	Missing	6407	7199	

SMQ710 - # days smoked cigarettes last 5 days

Variable Name: SMQ710

SAS Label: # days smoked cigarettes last 5 days

English Text: During the past 5 days, including today, on how many days did {you/he/she} smoke cigarettes?

English Instructions: ENTER NUMBER OF DAYS.

Target: Both males and females 12 YEARS - 150 YEARS

Hard Edits: 1 to 5

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 5	Range of Values	786	786	
7	Refused	1	787	
9	Don't know	1	788	
.	Missing	6411	7199	

SMQ720 - # cigarettes smoked per day

Variable Name: SMQ720

SAS Label: # cigarettes smoked per day

English Text: During the past 5 days, including today, on the days {you/he/she} smoked, how many cigarettes did {you/he/she} smoke each day?

English Instructions: ENTER NUMBER OF CIGARETTES.

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 35	Range of Values	772	772	
40	40 or more	14	786	
777	Refused	1	787	
999	Don't know	1	788	
.	Missing	6411	7199	

SMQ725 - When did resp. smoke last cigarette?

Variable Name: SMQ725

SAS Label: When did resp. smoke last cigarette?

English Text: When did {you/he/she} smoke {your/his/her} last cigarette? Was it...

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Today	665	665	
2	Yesterday	77	742	
3	3 to 5 days ago	41	783	
7	Refused	0	783	
9	Don't know	1	784	
.	Missing	6415	7199	

SMQ690B - Used last 5 days - Pipes

Variable Name: SMQ690B

SAS Label: Used last 5 days - Pipes

English Text: Which of these products did {you/he/she} use?

English Instructions: (CHECK ALL THAT APPLY). Verbal instructions to respondent: Please select all that you used.

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
2	Pipes	25	25	
.	Missing	7174	7199	

SMQ740 - # days smoked pipe over last 5 days

Variable Name: SMQ740

SAS Label: # days smoked pipe over last 5 days

English Text: During the past 5 days, including today, on how many days did {you/he/she} smoke a pipe?

English Instructions: ENTER NUMBER OF DAYS.

Target: Both males and females 12 YEARS - 150 YEARS

Hard Edits: 1 to 5

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 5	Range of Values	25	25	
7	Refused	0	25	
9	Don't know	0	25	
.	Missing	7174	7199	

SMQ690C - Used last 5 days - Cigars

Variable Name: SMQ690C

SAS Label: Used last 5 days - Cigars

English Text: Which of these products did {you/he/she} use?

English Instructions: (CHECK ALL THAT APPLY). Verbal instructions to respondent: Please select all that you used.

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
3	Cigars or little cigars or cigarillos	122	122	
.	Missing	7077	7199	

SMQ770 - # days smoked cigars over last 5 days

Variable Name: SMQ770

SAS Label: # days smoked cigars over last 5 days

English Text: During the past 5 days, including today, on how many days did you smoke regular cigars, cigarillos, or little filtered cigars?

English Instructions: ENTER NUMBER OF DAYS.

Target: Both males and females 12 YEARS - 150 YEARS

Hard Edits: 1 to 5

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 5	Range of Values	122	122	
7	Refused	0	122	
9	Don't know	0	122	
.	Missing	7077	7199	

SMQ690G - Used last 5 days - Hookah, water pipes

Variable Name: SMQ690G

SAS Label: Used last 5 days - Hookah, water pipes

English Text: Which of these products did {you/he/she} use?

English Instructions: CHECK ALL THAT APPLY). Verbal instructions to respondent: Please select all that you used.

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
7	Water pipes or Hookahs	46	46	
.	Missing	7153	7199	

SMQ845 - # days smoked water pipe last 5 days

Variable Name: SMQ845

SAS Label: # days smoked water pipe last 5 days

English Text: During the past 5 days, including today, on how many days did {you/he/she} smoke tobacco in a water pipe or Hookah?

English Instructions: ENTER NUMBER OF DAYS.

Target: Both males and females 12 YEARS - 150 YEARS

Hard Edits: 1 to 5

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 5	Range of Values	45	45	
7	Refused	0	45	
9	Don't know	1	46	
.	Missing	7153	7199	

SMQ846 - Used last 5 days - E-cigarettes

Variable Name: SMQ846

SAS Label: Used last 5 days - E-cigarettes

English Text: During the past 5 days, including today, did you use e-cigarettes?
You may also know them as JUUL(TM), vape-pens, vapes, hookah-pens, e-hookahs, or vaporizers. These are battery-powered, usually contain liquid nicotine, and produce vapor instead of smoke?

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	400	400	
2	No	5863	6263	SMQ851
7	Refused	1	6264	SMQ851
9	Don't know	4	6268	SMQ851
.	Missing	931	7199	

SMQ849 - # days used e-cigarettes last 5 days

Variable Name: SMQ849

SAS Label: # days used e-cigarettes last 5 days

English Text: During the past 5 days, including today, on how many days did {you/he/she} use e-cigarettes?

English Instructions: ENTER NUMBER OF DAYS.

Target: Both males and females 12 YEARS - 150 YEARS

Hard Edits: 1 to 5

Code or Value	Value Description	Count	Cumulative	Skip to Item
1 to 5	Range of Values	399	399	
7	Refused	0	399	
9	Don't know	1	400	
.	Missing	6799	7199	

SMQ851 - Used smokeless tobacco last 5 days?

Variable Name: SMQ851

SAS Label: Used smokeless tobacco last 5 days?

English Text: Smokeless tobacco products are placed in the mouth or nose and can include chewing tobacco, snuff, dip, snus, or dissolvable tobacco. During the past 5 days, including today, did {you/he/she} use any smokeless tobacco?

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	92	92	
2	No	6167	6259	SMQ863
7	Refused	2	6261	SMQ863
9	Don't know	2	6263	SMQ863
.	Missing	936	7199	

SMQ690D - Used last 5 days - Chewing tobacco

Variable Name: SMQ690D

SAS Label: Used last 5 days - Chewing tobacco

English Text: Which of these products did {you/he/she} use?

English Instructions: (CHECK ALL THAT APPLY). Verbal instructions to respondent: Please select all that you used.

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
4	Chewing tobacco	30	30	
77	Refused	2	32	
99	Don't know	9	41	
.	Missing	7158	7199	

SMQ690E - Used last 5 days - Snuff

Variable Name: SMQ690E

SAS Label: Used last 5 days - Snuff

English Text: Which of these products did {you/he/she} use?

English Instructions: (CHECK ALL THAT APPLY). Verbal instructions to respondent: Please select all that you used.

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
5	Snuff	8	8	
.	Missing	7191	7199	

SMQ690K - Used last 5 days - Other smokeless

Variable Name: SMQ690K

SAS Label: Used last 5 days - Other smokeless

English Text: Which of these products did {you/he/she} use?

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
11	Other smokeless	51	51	
.	Missing	7148	7199	

SMQ863 - Used nicotine replacement last 5 days?

Variable Name: SMQ863

SAS Label: Used nicotine replacement last 5 days?

English Text: During the past 5 days, including today, did {you/he/she} use any nicotine replacement therapy products such as nicotine patches, gum, lozenges, inhalers, or nasal sprays?

Target: Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	86	86	
2	No	5397	5483	SMDANY
7	Refused	2	5485	SMDANY
9	Don't know	0	5485	SMDANY
.	Missing	1714	7199	

SMQ690F - Used last 5 days - Patch, gum, other

Variable Name: SMQ690F

SAS Label: Used last 5 days - Patch, gum, other

English Text: Which of these products did {you/he/she} use?

English Instructions: (CHECK ALL THAT APPLY). Verbal instructions to respondent: Please select all that you used.

Target: Both males and females 18 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
6	Nicotine patches, gum, or other nicotine replacement therapy product	86	86	
.	Missing	7113	7199	

SMDANY - Used any tobacco product last 5 days?

Variable Name: SMDANY

SAS Label: Used any tobacco product last 5 days?

English Text: Used any tobacco product last 5 days?

Target: Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1282	1282	
2	No	4969	6251	
7	Refused	1	6252	
9	Don't know	0	6252	
.	Missing	947	7199	

