National Health and Nutrition Examination Survey

2011-2012 Data Documentation, Codebook, and Frequencies

Taste & Smell (CSQ_G)

Data File: CSQ_G.xpt

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Component Description

The Taste & Smell Questionnaire Section (variable name prefix CSQ) collected interview data on taste and smell ability and related health conditions. The senses of taste and smell mediate all the body's food intake. These two senses work together to provide food flavor perception and palatability. Self-reported data on taste and smell may therefore be relevant to the analysis of NHANES nutritional, blood pressure, obesity, and health measures data. Also, the CSQ questionnaire was designed to provide data to support the Healthy People 2020 objectives for taste and smell disorders (Healthy People, 2020).

In the healthy normal population, genetic and functional variation in taste and smell ability may help explain part of individual differences in food preferences and consumption. This could assist in our understanding of diet-related health conditions. There are also age-related changes in smell and flavor perception that may affect food palatability and nutrient intake. Metabolic rate and energy intake are known to decrease with age, so food selection in older persons can be important for maintaining nutrition and energy balance. With age, some persons may consume more in response to a reduced ability to smell, while others may consume less.

Prior national-level U.S. data on taste and smell includes the 1994 National Health Interview Survey– Disability Supplement (NHIS, 1994), a population-based questionnaire survey which estimated that among U.S. adults, there was a 1.4% prevalence of chronic smell problems and a 0.6% prevalence of chronic taste problems. With combined data, 1.65% of adults reported either a chronic smell or a chronic taste problem. In the survey, prevalence rates increased exponentially with age and almost 40% of those with a self-reported smell or taste problem were 65 years of age or older (Hoffman et al., 1998). Another national level questionnaire survey of olfactory dysfunction has recently been reported (Lee et al, 2013).

The NHANES 2011-12 household interview taste and smell questionnaire collected data on self-reported taste and smell ability, selected symptoms of and medical treatment for taste and smell disorders, and data on conditions that may represent risk factors for taste and smell disorders. These questionnaire items may be helpful to describe self-reported variation in taste and smell ability, and to estimate the prevalence of self-reported medical provider diagnosed smell and taste disorders among U.S. adults.

Eligible Sample

Adults of both genders ages 40+ years were eligible to participate. There were no exclusions for the CSQ taste & smell questionnaire.

Interview Setting and Mode of Administration

These questions were asked, in the home, by trained interviewers using the Computer-Assisted Personal Interviewing (CAPI) system.

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.

Data Processing and Editing

The 2011–12 NHANES taste and smell questionnaire data was verified against the main data collection file prior to public release.

Analytic Notes

These data were collected as a part of the NHANES Household Questionnaire Interview. For data analysis, NHANES Household Interview weights should be used if only questionnaire data is being studied. However, if CSQ questionnaire data is merged with MEC examination or laboratory data, then NHANES MEC examination weights should be used for the analyses (or if applicable, subsample laboratory weights). 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.

The CSQ questionnaire was specially developed for NHANES use and had not been previously used elsewhere. Despite prior cognitive testing of the instrument, when the CSQ questionnaire was fielded, one question did not perform as intended. CSQ030 was intended to capture a history of an altered, typically unpleasant perception of smell in the presence of an ordinary odor (parosmia). In the field most participants who answered "yes" to this question did not believe that they had any problem with their ability to smell. However, CSQ030 was retained in the public data release because of the possibility that it might have some analytic use where there was other questionnaire or examination data to suggest an abnormality of smell.

Decreased taste and smell ability may be transient (for example, from a recent temporary illness) or chronic. The variable CSQ070 captures this dimension for abnormalities of smell. Duration of taste or smell symptoms is captured by the variables CSQ140 and CSQ060, respectively. Taste and smell ability may be adversely affected by a number of chronic health conditions and by the side effects of prescription medications. A recently published community study indicates that smoking may also adversely affect the ability to smell and taste (Vennemann et al., 2008).

A number of NHANES 2011-12 datasets may be pertinent to the analysis of taste and smell data. These include NHANES datasets on medical conditions (MCQ, KIQ, DIQ, BPQ); blood sugar (BIOPRO, GHB); blood pressure (BPX); body weight (BMQ, WHQ); diet and nutrition (DTQ, DRXDOC, DSQDOC, DBQ); smoking (SMQ, COTNAL); osteoporosis (OSQ, DXX); oral health (OHXDEN, OHXPER); and prescription medication use (RXQ RX).

The variables CSQ200 through CSQ260 identify a history of some co-morbid conditions not captured in other NHANES questionnaires that could potentially affect taste and smell. These include the history of a recent prolonged head cold or flu; persistent dry mouth; chronic nasal congestion resulting from allergies; recurrent sinusitis, a history of tonsillectomy or of wisdom teeth extraction; and loss of consciousness or nasal fracture due to head injury. Also the AUQ_G Household Interview Audiometry questionnaire collected 2 additional questions: a history of repeated ear infections (AUQ136) and a history of ear tube placement (AUQ138).

References

- Healthy People 2020. Objectives ENT-VSL HP2020–16; 17; and 18. P. 138-9. . Available from: http://healthypeople.gov/2020/topicsobjectives2020/pdfs/HP2020objectives.pdf
- Hoffman HJ, Ishii EK, Macturk RH. Age-related changes in the prevalence of smell/taste problems among the United States adult population: results of the 1994 disability supplement to the National Health Interview Survey (NHIS). Ann NY Acad Sci. 1998. 855:716-722.

- Lee WH, Wee JH, Kim DK, et al. Prevalence of subjective olfactory dysfunction and its risk factors: Korean National Health and Nutrition Examination Survey. PLoS One. 2013 May 9;8(5):e62725.
- National Health Interview Survey (NHIS) 1994. Adult Disability Supplement. Tape Locations 545-554. Available from: ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Dataset_Documentation/NHIS/1994/DIS1PERS.pdf
- Vennemann MM, Hummel T, Berger K. The association between smoking and smell and taste impairment in the general population. J Neurology 2008. 255:1121–1126.

Codebook and Frequencies

SEQN - Respondent sequence number

Variable Name: SEQN

SAS Label: Respondent sequence number

English Text: Respondent sequence number.

CSQ010 - Had problem with smell past 12 months?

Variable Name: CSQ010

SAS Label: Had problem with smell past 12 months?

English Text: The next questions are about {your/SP's} sense of smell. During the

past 12 months, {have you/has he/has she} had a problem with {your/his/her} ability to smell, such as not being able to smell things or things not smelling the way they are supposed to?

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	374	374	
2	No	3220	3594	
7	Refused	1	3595	
9	Don't know	8	3603	
	Missing	0	3603	

CSQ020 - Had change ability to smell since age 25

Variable Name: CSQ020

SAS Label: Had change ability to smell since age 25

English Text: How would {you/SP} rate {your/his/her} ability to smell now as

compared to when {you were/he was/she was} 25 years old? Is it

better, worse or is there no change?

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Better Now	216	216	
2	Worse Now	586	802	
3	No Change	2788	3590	
7	Refused	1	3591	
9	Don't know	12	3603	
	Missing	0	3603	

CSQ030 - Smells bother you, but not others

Variable Name: CSQ030

SAS Label: Smells bother you, but not others

English Text: Do some smells bother {you/SP} although they do not bother other

people?

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	940	940	
2	No	2635	3575	
7	Refused	1	3576	
9	Don't know	27	3603	
	Missing	0	3603	

CSQ040 - Had phantom odor?

Variable Name: CSQ040

SAS Label: Had phantom odor?

English Text: {Do you/Does SP} sometimes smell an unpleasant, bad or burning

odor when nothing is there?

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	260	260	
2	No	3331	3591	
7	Refused	1	3592	
9	Don't know	11	3603	
	Missing	0	3603	

CSQ050 - CHECK ITEM

Variable Name: CSQ050

English Instructions: BOX 1. CHECK ITEM. IF CSQ010 = 1 OR CSQ020 = 2 OR CSQ040 =

1 then CONTINUE. OTHERWISE, GO TO CSQ080.

CSQ060 - When noticed change in ability to smell

Variable Name: CSQ060

SAS Label: When noticed change in ability to smell

English Text: How long ago {did you/did SP} first notice a problem with, or a

change in, {your/his/her} ability to smell?

English Instructions: INTERVIEWER INSTRUCTION: READ CATEGORIES IF NECESSARY

CAPI INSTRUCTION: DISPLAY REASON GOT TO THIS QUESTION ABOVE QUESTION TEXT FOR INTERVIEWER REFERENCE. IF CSQ020 = 2 DISPLAY "SMELL WORSE THAN WHEN 25" IF CSQ040 = 1

DISPLAY "SMELL ODOR WHEN NOT THERE"

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Less than 3 Months Ago	88	88	
2	3 to 12 months (1 year) ago	86	174	
3	1 to 4 years ago	201	375	
4	5 to 9 years ago	166	541	
5	Ten or more years ago	245	786	
7	Refused	1	787	
9	Don't know	52	839	
	Missing	2764	3603	

CSQ070 - Frequency of problem w/ ability to smell

Variable Name: CSQ070

SAS Label: Frequency of problem w/ ability to smell

English Text: Is the problem with {your/SP's} ability to smell always there or does

it come and go?

English Instructions: INTERVIEWER INSTRUCTION: PLEASE INCLUDE TEMPORARY

PROBLEMS WITH THE SPs SENSE OF SMELL DUE TO ALLERGIES BUT DO NOT INCLUDE ANY PROBLEMS WITH SMELL DUE TO A HEAD COLD. CAPI INSTRUCTION: DISPLAY REASON GOT TO THIS

QUESTION ABOVE QUESTION TEXT FOR INTERVIEWER REFERENCE. IF CSQ020 = 2 DISPLAY "SMELL WORSE THAN WHEN 25" IF CSQ040

= 1 DISPLAY "SMELL ODOR WHEN NOT THERE"

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	It is always there	354	354	
2	It comes and goes	431	785	
3	I have a problem only with a cold	31	816	
7	Refused	1	817	
9	Don't know	22	839	
	Missing	2764	3603	

CSQ080 - Had problem with taste past 12 months?

Variable Name: CSQ080

SAS Label: Had problem with taste past 12 months?

English Text: The next questions are about {your/SP's} sense of taste. During the

past 12 months, {have you/has he/has she} had a problem with {your/his/her} ability to taste sweet, sour, salty or bitter foods and

drinks?

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	219	219	
2	No	3376	3595	
7	Refused	1	3596	
9	Don't know	7	3603	
	Missing	0	3603	

CSQ090A - Ability to Taste Salt

Variable Name: CSQ090A

SAS Label: Ability to Taste Salt

English Text: I am going to read you a list of tastes in everyday foods. How {is

your/is SP's} ability to taste each one of these now compared to when {you were/he was/she was} 25 years old? Would you say it is better, worse, or is there no change? salt in foods like potato chips or

pretzels.

English Instructions: INTERVIEWER INSTRUCTION: PLEASE DO NOT INCLUDE

TEMPORARY PROBLEMS WITH THE SPs SENSE OF SMELL DUE TO A

HEAD COLD. HAND CARD CSQ1

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Better	274	274	
2	Worse	220	494	
3	No Change	3092	3586	
7	Refused	1	3587	
9	Don't know	16	3603	
	Missing	0	3603	

CSQ090B - Ability to Taste Sourness

Variable Name: CSQ090B

SAS Label: Ability to Taste Sourness

English Text: I am going to read you a list of tastes in everyday foods. How {is

your/is SP's} ability to taste each one of these now compared to when {you were/he was/she was} 25 years old? Would you say it is better, worse, or is there no change? sourness in foods like lemons

or vinegar.

English Instructions: INTERVIEWER INSTRUCTION: PLEASE DO NOT INCLUDE

TEMPORARY PROBLEMS WITH THE SPs SENSE OF SMELL DUE TO A

HEAD COLD. HAND CARD CSQ1

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Better	174	174	
2	Worse	178	352	
3	No Change	3235	3587	
7	Refused	1	3588	
9	Don't know	15	3603	
	Missing	0	3603	

CSQ090C - Ability to Taste Sweetness

Variable Name: CSQ090C

SAS Label: Ability to Taste Sweetness

English Text: I am going to read you a list of tastes in everyday foods. How {is

your/is SP's} ability to taste each one of these now compared to when {you were/he was/she was} 25 years old? Would you say it is better, worse, or is there no change? sweetness in foods like peaches

or ice cream.

English Instructions: INTERVIEWER INSTRUCTION: PLEASE DO NOT INCLUDE

TEMPORARY PROBLEMS WITH THE SPs SENSE OF SMELL DUE TO A

HEAD COLD. HAND CARD CSQ1

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Better	210	210	
2	Worse	155	365	
3	No Change	3224	3589	
7	Refused	2	3591	
9	Don't know	12	3603	
	Missing	0	3603	

CSQ090D - Ability to Taste Bitterness

Variable Name: CSQ090D

SAS Label: Ability to Taste Bitterness

English Text: I am going to read you a list of tastes in everyday foods. How {is

your/is SP's} ability to taste each one of these now compared to when {you were/he was/she was} 25 years old? Would you say it is better, worse, or is there no change? bitterness in drinks like

unsweetened black coffee.

English Instructions: INTERVIEWER INSTRUCTION: PLEASE DO NOT INCLUDE

TEMPORARY PROBLEMS WITH THE SPs SENSE OF SMELL DUE TO A

HEAD COLD. HAND CARD CSQ1

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Better	171	171	
2	Worse	161	332	
3	No Change	3246	3578	
7	Refused	2	3580	
9	Don't know	23	3603	
	Missing	0	3603	

CSQ100 - Change in ability to taste food flavors?

Variable Name: CSQ100

SAS Label: Change in ability to taste food flavors?

English Text: Is {your/SP's} ability to taste food flavors such as chocolate, vanilla

or strawberry as good as when {you were/he was/she was} 25 years

old?

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	3176	3176	
2	No	399	3575	
7	Refused	3	3578	
9	Don't know	25	3603	
	Missing	0	3603	

CSQ110 - Persistent taste in mouth past 12 months

Variable Name: CSQ110

SAS Label: Persistent taste in mouth past 12 months

English Text: During the past 12 months {have you/has SP} had a taste or other

sensation in {your/his/her} mouth that does not go away?

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	226	226	
2	No	3368	3594	CSQ130
7	Refused	2	3596	CSQ130
9	Don't know	7	3603	CSQ130
	Missing	0	3603	

CSQ120A - Taste in mouth, Sweet

Variable Name: CSQ120A

SAS Label: Taste in mouth, Sweet

English Text: Please describe the taste or other sensation in {your/SP's} mouth

that does not go away. Would {you/he/she} say it is...

English Instructions: HAND CARD CSQ2. CODE ALL THAT APPLY.

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Sweet	11	11	
77	Refused	0	11	
99	Don't know	2	13	
·	Missing	3590	3603	

CSQ120B - Taste in mouth, Sour

Variable Name: CSQ120B

SAS Label: Taste in mouth, Sour

English Text: Please describe the taste or other sensation in {your/SP's} mouth

that does not go away. Would {you/he/she} say it is...

English Instructions: HAND CARD CSQ2. CODE ALL THAT APPLY.

Code or Value	Value Description	Count	Cumulative	Skip to Item
2	Sour	24	24	
	Missing	3579	3603	

CSQ120C - Taste in mouth, Salty

Variable Name: CSQ120C

SAS Label: Taste in mouth, Salty

English Text: Please describe the taste or other sensation in {your/SP's} mouth

that does not go away. Would {you/he/she} say it is...

English Instructions: HAND CARD CSQ2. CODE ALL THAT APPLY.

Code or Value	Value Description	Count	Cumulative	Skip to Item
3	Salty	14	14	
	Missing	3589	3603	

CSQ120D - Taste in mouth, Bitter

Variable Name: CSQ120D

SAS Label: Taste in mouth, Bitter

English Text: Please describe the taste or other sensation in {your/SP's} mouth

that does not go away. Would {you/he/she} say it is...

English Instructions: HAND CARD CSQ2. CODE ALL THAT APPLY.

Code or Value	Value Description	Count	Cumulative	Skip to Item
4	Bitter	69	69	
	Missing	3534	3603	

CSQ120E - Taste in mouth, Metalic

Variable Name: CSQ120E

SAS Label: Taste in mouth, Metalic

English Text: Please describe the taste or other sensation in {your/SP's} mouth

that does not go away. Would {you/he/she} say it is...

English Instructions: HAND CARD CSQ2. CODE ALL THAT APPLY.

Code or Value	Value Description	Count	Cumulative	Skip to Item
5	Metalic	47	47	
	Missing	3556	3603	

CSQ120F - Taste in mouth, Burning or Tingling

Variable Name: CSQ120F

SAS Label: Taste in mouth, Burning or Tingling

English Text: Please describe the taste or other sensation in {your/SP's} mouth

that does not go away. Would {you/he/she} say it is...

English Instructions: HAND CARD CSQ2. CODE ALL THAT APPLY.

Code or Value	Value Description	Count	Cumulative	Skip to Item
6	Burning or Tingling	12	12	
	Missing	3591	3603	

CSQ120G - Taste in mouth, Bad or Foul

Variable Name: CSQ120G

SAS Label: Taste in mouth, Bad or Foul

English Text: Please describe the taste or other sensation in {your/SP's} mouth

that does not go away. Would {you/he/she} say it is...

English Instructions: HAND CARD CSQ2. CODE ALL THAT APPLY.

Code or Value	Value Description	Count	Cumulative	Skip to Item
7	Bad or Foul	46	46	
	Missing	3557	3603	

CSQ120H - Taste in mouth, Something else

Variable Name: CSQ120H

SAS Label: Taste in mouth, Something else

English Text: Please describe the taste or other sensation in {your/SP's} mouth

that does not go away. Would {you/he/she} say it is...

English Instructions: HAND CARD CSQ2. CODE ALL THAT APPLY.

Code or Value	Value Description	Count	Cumulative	Skip to Item
8	or Something else	38	38	
	Missing	3565	3603	

CSQ130 - CHECK ITEM

Variable Name: CSQ130

English Instructions: BOX 2. CHECK ITEM. IF CSQ080 = 1 OR ANY CSQ090a-d = 2 OR

CSQ100 = 2 OR CSQ110 = 1, THEN CONTINUE. OTHERWISE, GO TO

BOX 3.

CSQ140 - When noticed change in ability to taste

Variable Name: CSQ140

SAS Label: When noticed change in ability to taste

English Text: How long ago {did you/did SP} first notice a problem with, or a

change in, {your/his/her} ability to taste?

English Instructions: INTERVIEWER INSTRUCTION: THE ABILITY TO TASTE IS THE

ABILITY TO TASTE SWEET, SOUR, SALTY OR BITTER FOODS OR DRINKS. READ CATEGORIES IF NECESSARY. CAPI INSTRUCTION: DISPLAY REASON GOT TO THIS QUESTION ABOVE QUESTION TEXT FOR INTERVIEWER REFERENCE. IF CSQ090A-D = 2 DISPLAY "TASTE OF EVERYDAY FOOD IS WORSE THAN WHEN 25" IF CSQ100 = 2 DISPLAY "CHOCOLATE, VANILLA, STRAWBERRY NOT TASTE AS GOOD AS WHEN 25" IF CSQ110 = 1 DISPLAY "TASTE OR

SENSATION IN MOUTH THAT DOESN'T GO AWAY"

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Less than 3 Months Ago	127	127	
2	3 to 12 Months (1 Yesr) Ago	116	243	
3	1 to 4 years ago	167	410	
4	5 to 9 years ago	113	523	
5	Ten or more years ago	126	649	
7	Refused	8	657	
9	Don't know	99	756	
	Missing	2847	3603	

CSQ150 - CHECK ITEM

Variable Name: CSQ150

English Instructions: BOX 3. CHECK ITEM. IF CSQ010 = 1 OR CSQ020 = 2 OR CSQ040 =

1 OR IF CSQ080 = 1 OR ANY CSQ090a-d = 2 OR CSQ100 = 2 OR CSQ110 = 1, THEN CONTINUE. OTHERWISE, GO TO CSQ200.

CSQ160 - Discussed T/S problem with Dr.?

Variable Name: CSQ160

SAS Label: Discussed T/S problem with Dr.?

English Text: {Have you/Has SP} ever discussed any problem with, or change in

{your/his/her} ability to taste or smell with a health care provider?

English Instructions: INTERVIEWER INSTRUCTION: INCLUDE DOCTORS, DENTISTS,

DIETITIANS AND NUTRITIONISTS AS HEALTH CARE PROVIDERS.

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	156	156	
2	No	1079	1235	CSQ180
7	Refused	1	1236	CSQ180
9	Don't know	2	1238	CSQ180
	Missing	2365	3603	

CSQ170 - When T/S problem last discussed with Dr.

Variable Name: CSQ170

SAS Label: When T/S problem last discussed with Dr.

English Text: When was the last time {you/SP} /discussed any problem with

{your/his/her} ability to taste or smell with a health care provider?

English Instructions: INTERVIEWER INSTRUCTION: READ CATEGORIES IF NECESSARY.

INCLUDE DOCTORS, DENTISTS, DIETITIANS AND NUTRITIONISTS

AS HEALTH CARE PROVIDERS.

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	In the Past 12 Months	91	91	
2	1 to 4 Years Ago	27	118	
3	5 to 9 years ago	21	139	
4	Ten or more years ago	17	156	
7	Refused	0	156	
9	Don't know	0	156	
	Missing	3447	3603	

CSQ180 - Treatment for T/S problem last 12 months

Variable Name: CSQ180

SAS Label: Treatment for T/S problem last 12 months

English Text: The next question refers to treatments {you/SP} may have tried to

improve {your/his/her} ability to taste or smell. Please make sure to include any treatments that {your/his/her} health care provider recommended. Also include any other treatments {you/he/she} may have read about and tried. During the past 12 months, {have

you/has SP} tried any treatments to improve {your/his/her} ability

to taste or smell?

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	47	47	
2	No	1189	1236	
7	Refused	1	1237	
9	Don't know	1	1238	
	Missing	2365	3603	

CSQ190 - T/S problem interferes with daily life?

Variable Name: CSQ190

SAS Label: T/S problem interferes with daily life?

English Text: During the past 12 months, {have you/has SP} experienced a

problem with {your/his/her} general health, work or {your/his/her} enjoyment of life because of a problem with {your/his/her} ability to

taste or smell?

English Instructions: INTERVIEWER INSTRUCTION: INCLUDE PROBLEMS WITH DIET AND

WEIGHT AS HEALTH PROBLEMS.

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	43	43	
2	No	1193	1236	
7	Refused	0	1236	
9	Don't know	2	1238	
	Missing	2365	3603	

CSQ200 - Persistent cold/flu last 12 months?

Variable Name: CSQ200

SAS Label: Persistent cold/flu last 12 months?

English Text: During the past 12 months, {have you/has SP} had any of the

following ...a head cold or flu for longer than a month?

English Instructions: HAND CARD CSQ3

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	223	223	
2	No	3377	3600	
7	Refused	1	3601	
9	Don't know	2	3603	
	Missing	0	3603	

CSQ202 - Had persistent dry mouth in past 12 mth

Variable Name: CSQ202

SAS Label: Had persistent dry mouth in past 12 mth

English Text: During the past 12 months, {have you/has SP} had any of the

following ... persistent dry mouth (not enough saliva)?

English Instructions: HAND CARD CSQ3

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	513	513	
2	No	3087	3600	
7	Refused	1	3601	
9	Don't know	2	3603	
	Missing	0	3603	

CSQ204 - Frequent nasal congestion in past 12 mth

Variable Name: CSQ204

SAS Label: Frequent nasal congestion in past 12 mth

English Text: During the past 12 months, {have you/has SP} had any of the

following ...frequent nasal congestion from allergies?

English Instructions: HAND CARD CSQ3

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	924	924	
2	No	2676	3600	
7	Refused	1	3601	
9	Don't know	2	3603	
	Missing	0	3603	

CSQ210 - Ever had Wisdom Teeth Removed

Variable Name: CSQ210

SAS Label: Ever had Wisdom Teeth Removed

English Text: {Have you/Has SP} ever had any of the following? wisdom teeth

removed.

English Instructions: HAND CARD CSQ4

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2341	2341	
2	No	1217	3558	
7	Refused	2	3560	
9	Don't know	43	3603	
	Missing	0	3603	

CSQ220 - Ever had Tonsils Removed

Variable Name: CSQ220

SAS Label: Ever had Tonsils Removed

English Text: {Have you/Has SP} ever had any of the following? tonsils removed.

English Instructions: HAND CARD CSQ4

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	839	839	
2	No	2727	3566	
7	Refused	2	3568	
9	Don't know	35	3603	
	Missing	0	3603	

CSQ240 - Head Injury/Loss of counsciousness

Variable Name: CSQ240

SAS Label: Head Injury/Loss of counsciousness

English Text: {Have you/Has SP} ever had any of the following? a loss of

consciousness because of a head injury.

English Instructions: HAND CARD CSQ4

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	422	422	
2	No	3172	3594	
7	Refused	1	3595	
9	Don't know	8	3603	
	Missing	0	3603	

CSQ250 - Broke Nose/Serious Injury to Face/Skull

Variable Name: CSQ250

SAS Label: Broke Nose/Serious Injury to Face/Skull

English Text: {Have you/Has SP} ever had any of the following? a broken nose or

other serious injury to face or skull.

English Instructions: HAND CARD CSQ4

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	499	499	
2	No	3098	3597	
7	Refused	1	3598	
9	Don't know	5	3603	
	Missing	0	3603	

CSQ260 - Ever had two or more sinus infections

Variable Name: CSQ260

SAS Label: Ever had two or more sinus infections

English Text: {Have you/Has SP} ever had any of the following? two or more sinus

infections.

English Instructions: HAND CARD CSQ4

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1015	1015	
2	No	2557	3572	
7	Refused	1	3573	
9	Don't know	30	3603	
	Missing	0	3603	