

# National Health and Nutrition Examination Survey

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

### Medical Conditions (MCQ\_L)

**Data File:** MCQ\_L.xpt

**First Published:** September 2024

**Last Revised:** NA

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### Component Description

The medical conditions (variable name prefix MCQ) section provides self- and proxy-reported personal interview data on a broad range of health conditions and medical history for both children and adults.

### Eligible Sample

The target sample for questions in this section varies by age and gender. Please review the questionnaire and codebook carefully.

### Interview Setting and Mode of Administration

This questionnaire was asked, in the home or by telephone, by trained interviewers, using the Computer-Assisted Personal Interview (CAPI) system.

The NHANES August 2021-August 2023 questionnaire is available on the NHANES website.

### 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. Interviewers were required to audio-record interviews. The recorded interviews were reviewed by interviewer supervisors and NCHS staff.

### Data Processing and Editing

Frequency counts were checked, "skip" patterns were verified, and the reasonableness of question responses was reviewed. Edits were made to ensure the completeness, consistency, and analytic usefulness of the data. Edits were also made, when necessary, to address data disclosure concerns.

### Analytic Notes

Several questions were dropped in NHANES 2021-2023 and are not included in this data file, including MCQ025, MCQ080, MCQ092, MCQ151, MCQ180B, MCQ520, MCQ530, MCQ540, MCQ570, MCQ206, MCQ300A, MCQ300B, MCQ300C, MCQ366A, MCQ366B, MCQ366C,

MCQ366D, MCQ371A, MCQ371B, MCQ371C, MCQ371D, MCQ088, MCD093, RHD018, MCD180C, MCD180D, MCD180E, MCD180F, MCD180M, and MCD180L.

The analysis of NHANES August 2021–August 2023 MCQ data must be conducted using the appropriate survey design variables, sample weights, and the basic demographic variables. Although these data were collected as part of the household questionnaire, if they are merged with the MEC exam data, exam sample weights should be used for the analyses.

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

## Codebook and Frequencies

### SEQN - Respondent sequence number

<b>Variable Name:</b>	SEQN
<b>SAS Label:</b>	Respondent sequence number
<b>English Text:</b>	Respondent sequence number.
<b>Target:</b>	Both males and females 1 YEARS - 150 YEARS

## MCQ010 - Ever been told you have asthma

**Variable Name:** MCQ010

**SAS Label:** Ever been told you have asthma

**English Text:** The following questions are about different medical conditions. Has a doctor or other health professional ever told {you/SP} that {you have/s/he/SP has} asthma (az-ma)?

**English Instructions:** CAPI INSTRUCTION: IF SP AGE >= 16, DISPLAY "YOU" AND "YOU HAVE". IF SP AGE = 12-15, DISPLAY "SP" AND "S/HE HAS". IF SP AGE < 12, DISPLAY "YOU" AND "SP HAS".

**Target:** Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1946	1946	
2	No	9782	11728	AGQ030
7	Refused	0	11728	AGQ030
9	Don't know	15	11743	AGQ030
.	Missing	1	11744	

## MCQ035 - Still have asthma

**Variable Name:** MCQ035  
**SAS Label:** Still have asthma  
**English Text:** {Do you/Does SP} still have asthma (az-ma)?  
**Target:** Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1219	1219	
2	No	690	1909	AGQ030
7	Refused	0	1909	AGQ030
9	Don't know	37	1946	AGQ030
.	Missing	9798	11744	

## MCQ040 - Had asthma attack in past year

**Variable Name:** MCQ040

**SAS Label:** Had asthma attack in past year

**English Text:** During the past 12 months, {have you/has SP} had an episode of asthma (az-ma) or an asthma attack?

**Target:** Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	591	591	
2	No	624	1215	
7	Refused	0	1215	
9	Don't know	4	1219	
.	Missing	10525	11744	

## MCQ050 - Emergency care visit for asthma/past yr

**Variable Name:**

MCQ050

**SAS Label:**

Emergency care visit for asthma/past yr

**English Text:**

[During the past 12 months], {have you/has SP} had to visit an emergency room or urgent care center because of asthma (az-ma)?

**Target:**

Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	161	161	
2	No	1056	1217	
7	Refused	0	1217	
9	Don't know	2	1219	
.	Missing	10525	11744	

## AGQ030 - Did SP have episode of hay fever/past yr

**Variable Name:** AGQ030  
**SAS Label:** Did SP have episode of hay fever/past yr  
**English Text:** During the past 12 months, {have you/has SP} had an episode of hay fever?  
**Target:** Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2067	2067	
2	No	9665	11732	
7	Refused	0	11732	
9	Don't know	11	11743	
.	Missing	1	11744	

## MCQ053 - Taking treatment for anemia/past 3 mos

**Variable Name:**

MCQ053

**SAS Label:**

Taking treatment for anemia/past 3 mos

**English Text:**

During the past 3 months, {have you/has SP} been on treatment for anemia (a-nee-me-a), sometimes called "tired blood" or "low blood"? [Include diet, iron pills, iron shots, transfusions as treatment.]

**Target:**

Both males and females 1 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	433	433	
2	No	11300	11733	
7	Refused	1	11734	
9	Don't know	7	11741	
.	Missing	3	11744	

## MCQ145 - CHECK ITEM

**Variable Name:** MCQ145

**English Instructions:** BOX 7 CHECK ITEM MCQ.145: IF SP'S AGE  $\geq$  20, GO TO MCQ.160.  
IF SP's AGE = 12-19, GO TO MCQ.500. IF SP AGE 8-11 AND SP IS  
FEMALE, CONTINUE. OTHERWISE, GO TO END OF SECTION.

**Target:** Both males and females 2 YEARS - 150 YEARS

## MCQ149 - Menstrual periods started yet?

**Variable Name:** MCQ149

**SAS Label:** Menstrual periods started yet?

**English Text:** Have {SP's} periods or menstrual (men-stral) cycles started yet?

**Target:** Females only 8 YEARS - 11 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	64	64	
2	No	368	432	MCQ220
7	Refused	0	432	MCQ220
9	Don't know	2	434	MCQ220
.	Missing	11310	11744	

## MCQ157 - CHECK ITEM

**Variable Name:** MCQ157

**English Instructions:** English Instructions: BOX 8B CHECK ITEM MCQ157: IF SP's AGE = 6-11, GO TO END OF SECTION

**Target:** Both males and females 6 YEARS - 11 YEARS

## MCQ160a - Doctor ever said you had arthritis

**Variable Name:** MCQ160a

**SAS Label:** Doctor ever said you had arthritis

**English Text:** Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had arthritis (ar-thry-tis)?

**English Instructions:** CAPI INSTRUCTION: TEXT OF QUESTION SHOULD BE OPTIONAL AFTER FIRST ITEM IS READ.

**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	2532	2532	
2	No	5258	7790	MCQ160B
7	Refused	0	7790	MCQ160B
9	Don't know	17	7807	MCQ160B
.	Missing	3937	11744	

## MCQ195 - Which type of arthritis was it?

**Variable Name:** MCQ195

**SAS Label:** Which type of arthritis was it?

**English Text:** Which type of arthritis was it?

**Target:** Both males and females 20 YEARS - 150 YEARS

<b>Code or Value</b>	<b>Value Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
1	Osteoarthritis or degenerative arthritis	1297	1297	
2	Rheumatoid arthritis	419	1716	
3	Psoriatic arthritis	61	1777	
4	Other	254	2031	
7	Refused	5	2036	
9	Don't know	496	2532	
.	Missing	9212	11744	

## MCQ160b - Ever told had congestive heart failure

**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	343	343	
2	No	7448	7791	
7	Refused	0	7791	
9	Don't know	17	7808	
.	Missing	3936	11744	

## MCQ160c - Ever told you had coronary heart disease

**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	402	402	
2	No	7371	7773	
7	Refused	0	7773	
9	Don't know	34	7807	
.	Missing	3937	11744	

## MCQ160d - Ever told you had angina/angina pectoris

**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	181	181	
2	No	7602	7783	
7	Refused	0	7783	
9	Don't know	25	7808	
.	Missing	3936	11744	

## MCQ160e - Ever told you had heart attack

**Variable Name:** MCQ160e

**SAS Label:** Ever told you had heart attack

**English Text:** Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had a heart attack (also called myocardial infarction (my-o-car-dee-al in-fark-shun))?

**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	332	332	
2	No	7462	7794	
7	Refused	0	7794	
9	Don't know	13	7807	
.	Missing	3937	11744	

## MCQ160f - Ever told you had a stroke

**Variable Name:** MCQ160f  
**SAS Label:** Ever told you had a stroke  
**English Text:** Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had a stroke?  
**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	367	367	
2	No	7418	7785	
7	Refused	0	7785	
9	Don't know	21	7806	
.	Missing	3938	11744	

## MCQ160m - Ever told you had thyroid problem

**Variable Name:** MCQ160m

**SAS Label:** Ever told you had thyroid problem

**English Text:** Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had another thyroid (thigh-roid) problem?

**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1053	1053	
2	No	6734	7787	MCQ160P
7	Refused	1	7788	MCQ160P
9	Don't know	18	7806	MCQ160P
.	Missing	3938	11744	

## MCQ170m - Do you still have thyroid problem

**Variable Name:** MCQ170m  
**SAS Label:** Do you still have thyroid problem  
**English Text:** {Do you/Does SP} still . . . have another thyroid problem?  
**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	830	830	
2	No	200	1030	
7	Refused	0	1030	
9	Don't know	23	1053	
.	Missing	10691	11744	

## MCQ160p - Ever told you had COPD, emphysema, ChB

**Variable Name:** MCQ160p

**SAS Label:** Ever told you had COPD, emphysema, ChB

**English Text:** {Have you/Has SP} ever been told by a doctor or other health professional that {you/he/she} . . . had chronic obstructive pulmonary disease or COPD, emphysema, or chronic bronchitis?

**English Instructions:** CAPI INSTRUCTION: TEXT OF QUESTION SHOULD BE OPTIONAL AFTER FIRST ITEM IS READ.

**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	567	567	
2	No	7226	7793	
7	Refused	0	7793	
9	Don't know	14	7807	
.	Missing	3937	11744	

## MCQ160I - Ever told you had any liver condition

**Variable Name:** MCQ160I  
**SAS Label:** Ever told you had any liver condition  
**English Text:** Has a doctor or other health professional ever told {you/SP} that {you/s/he} . . .had any kind of liver condition?  
**English Instructions:** CAPI INSTRUCTION: TEXT OF QUESTION SHOULD BE OPTIONAL AFTER FIRST ITEM IS READ. INTERVIEWER: INCLUDE VIRAL HEPATITIS (INCLUDING HEPATITIS A, HEPATITIS B; AND HEPATITIS C); AUTOIMMUNE LIVER DISEASE (INCLUDING PRIMARY BILIARY CIRRHOSIS; AUTOIMMUNE HEPATITIS, SCLEROSING CHOLANGITIS); GENETIC LIVER DISEASES (INCLUDING ALPHA-1-ANTITRYPSIN DEFICIENCY, HEMOCHROMOTOSIS, AND WILSON'S DISEASE); DRUG- OR MEDICATION-INDUCED LIVER DISEASE; ALCOHOLIC LIVER DISEASE; NON-ALCOHOLIC FATTY LIVER DISEASE; FATTY LIVER DISEASE; LIVER CANCER; LIVER CYST; LIVER ABSCESS; LIVER FIBROSIS; AND LIVER CIRRHOSIS. INTERVIEWER DO NOT INCLUDE GALLBLADDER DISEASE; GALLSTONES; OR CHOLECYSTITIS.

**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	425	425	
2	No	7369	7794	
7	Refused	2	7796	
9	Don't know	11	7807	
.	Missing	3937	11744	

## MCQ170I - Do you still have a liver condition

**Variable Name:**

MCQ170I

**SAS Label:**

Do you still have a liver condition

**English Text:**

{Do you/Does SP} still . . . have any kind of liver condition?

**Target:**

Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	243	243	
2	No	127	370	
7	Refused	1	371	
9	Don't know	54	425	
.	Missing	11319	11744	

## MCQ500 - Ever told you had any liver condition

**Variable Name:** MCQ500

**SAS Label:** Ever told you had any liver condition

**English Text:** Has a doctor or other health professional ever told {you/SP} that {you/s/he} ever had any kind of liver condition?

**English Instructions:** INTERVIEWER: INCLUDE VIRAL HEPATITIS (INCLUDING HEPATITIS A, HEPATITIS B; AND HEPATITIS C); AUTOIMMUNE LIVER DISEASE (INCLUDING PRIMARY BILIARY CIRRHOSIS; AUTOIMMUNE HEPATITIS, SCLEROSING CHOLANGITIS); GENETIC LIVER DISEASES (INCLUDING ALPHA-1-ANTITRYPSIN DEFICIENCY, HEMOCHROMOTOSIS, AND WILSON'S DISEASE); DRUG- OR MEDICATION-INDUCED LIVER DISEASE; ALCOHOLIC LIVER DISEASE; NON-ALCOHOLIC FATTY LIVER DISEASE; FATTY LIVER DISEASE; LIVER CANCER; LIVER CYST; LIVER ABSCESS; LIVER FIBROSIS; AND LIVER CIRRHOSIS. INTERVIEWER DO NOT INCLUDE GALLBLADDER DISEASE; GALLSTONES; OR CHOLECYSTITIS.

**Target:** Both males and females 12 YEARS - 19 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	15	15	
2	No	1562	1577	MCQ515
7	Refused	0	1577	MCQ515
9	Don't know	1	1578	MCQ515
.	Missing	10166	11744	

## MCQ510a - Liver condition: Fatty liver

**Variable Name:** MCQ510a

**SAS Label:** Liver condition: Fatty liver

**English Text:** Which type of liver condition was it . . .

**English Instructions:** INTERVIEWER: READ OPTIONS. CODE ALL THAT APPLY.

**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Fatty liver	227	227	
77	Refused	2	229	MCQ515
99	Don't know	31	260	MCQ515
.	Missing	11484	11744	

## MCQ510b - Liver condition: Liver fibrosis

**Variable Name:** MCQ510b

**SAS Label:** Liver condition: Liver fibrosis

**English Text:** Which type of liver condition was it . . .

**English Instructions:** INTERVIEWER: READ OPTIONS. CODE ALL THAT APPLY.

**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
2	Liver fibrosis	4	4	
.	Missing	11740	11744	

## MCQ510c - Liver condition: Liver cirrhosis

**Variable Name:** MCQ510c

**SAS Label:** Liver condition: Liver cirrhosis

**English Text:** Which type of liver condition was it . . .

**English Instructions:** INTERVIEWER: READ OPTIONS. CODE ALL THAT APPLY.

**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
3	Liver cirrhosis	47	47	
.	Missing	11697	11744	

## MCQ510d - Liver condition: Viral hepatitis

**Variable Name:** MCQ510d

**SAS Label:** Liver condition: Viral hepatitis

**English Text:** Which type of liver condition was it . . .

**English Instructions:** INTERVIEWER: READ OPTIONS. CODE ALL THAT APPLY.

**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
4	Viral hepatitis	62	62	
.	Missing	11682	11744	

## MCQ510e - Liver condition: Autoimmune hepatitis

**Variable Name:** MCQ510e

**SAS Label:** Liver condition: Autoimmune hepatitis

**English Text:** Which type of liver condition was it . . .

**English Instructions:** INTERVIEWER: READ OPTIONS. CODE ALL THAT APPLY.

**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
5	Autoimmune hepatitis	16	16	
.	Missing	11728	11744	

## MCQ510f - Liver condition: Other liver disease

**Variable Name:** MCQ510f

**SAS Label:** Liver condition: Other liver disease

**English Text:** Which type of liver condition was it . . .

**English Instructions:** INTERVIEWER: READ OPTIONS. CODE ALL THAT APPLY.

**Target:** Both males and females 12 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
6	Other liver disease	79	79	
.	Missing	11665	11744	

## MCQ515 - CHECK ITEM

**Variable Name:** MCQ515

**English Instructions:** BOX 8C CHECK ITEM MCQ.515: IF SP'S AGE 12-19, GO TO END OF SECTION. OTHERWISE, CONTINUE.

**Target:** Both males and females 1 YEARS - 150 YEARS

## MCQ550 - Has DR ever said you have gallstones

**Variable Name:** MCQ550  
**SAS Label:** Has DR ever said you have gallstones  
**English Text:** Has a doctor or other health professional ever told {you/SP} that {you/s/he} had gallstones?  
**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	864	864	
2	No	6924	7788	
7	Refused	1	7789	
9	Don't know	18	7807	
.	Missing	3937	11744	

## MCQ560 - Ever had gallbladder surgery?

**Variable Name:** MCQ560  
**SAS Label:** Ever had gallbladder surgery?  
**English Text:** Have {you/s/he} ever had gallbladder surgery?  
**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	926	926	
2	No	6874	7800	
7	Refused	0	7800	
9	Don't know	7	7807	
.	Missing	3937	11744	

## MCQ220 - Ever told you had cancer or malignancy

**Variable Name:** MCQ220

**SAS Label:** Ever told you had cancer or malignancy

**English Text:** {Have you/Has SP} ever been told by a doctor or other health professional that {you/s/he} had cancer or a malignancy (ma-lig-nan-see) of any kind?

**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1169	1169	
2	No	6631	7800	OSQ230
7	Refused	2	7802	OSQ230
9	Don't know	5	7807	OSQ230
.	Missing	3937	11744	

## MCQ230a - 1st cancer - what kind was it?

**Variable Name:** MCQ230a  
**SAS Label:** 1st cancer - what kind was it?  
**English Text:** 1st cancer - what kind was it?  
**Target:** Both males and females 20 YEARS - 150 YEARS

<b>Code or Value</b>	<b>Value Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
10	Bladder	30	30	
11	Blood	7	37	
12	Bone	4	41	
13	Brain	6	47	
14	Breast	203	250	
15	Cervix (cervical)	49	299	
16	Colon	49	348	
17	Esophagus (esophageal)	5	353	
18	Gallbladder	0	353	
19	Kidney	27	380	
20	Larynx/ windpipe	3	383	
21	Leukemia	22	405	
22	Liver	7	412	
23	Lung	34	446	
24	Lymphoma/ Hodgkin's disease	24	470	
25	Melanoma	81	551	
26	Mouth/tongue/lip	10	561	
27	Nervous system	0	561	
28	Ovary (ovarian)	14	575	
29	Pancreas (pancreatic)	4	579	
30	Prostate	133	712	
31	Rectum (rectal)	5	717	
32	Skin (non-melanoma)	203	920	
33	Skin (don't know what kind)	71	991	
34	Soft tissue (muscle or fat)	3	994	
35	Stomach	6	1000	
36	Testis (testicular)	10	1010	
37	Thyroid	35	1045	
38	Uterus (uterine)	36	1081	
39	Other	76	1157	
66	More than 3 kinds	0	1157	
77	Refused	0	1157	
99	Don't know	12	1169	
.	Missing	10575	11744	

## MCQ230b - 2nd cancer - what kind was it?

**Variable Name:** MCQ230b  
**SAS Label:** 2nd cancer - what kind was it?  
**English Text:** 2nd cancer - what kind was it?  
**Target:** Both males and females 20 YEARS - 150 YEARS

<b>Code or Value</b>	<b>Value Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
10	Bladder	3	3	
11	Blood	0	3	
12	Bone	1	4	
13	Brain	0	4	
14	Breast	12	16	
15	Cervix (cervical)	5	21	
16	Colon	9	30	
17	Esophagus (esophageal)	0	30	
18	Gallbladder	1	31	
19	Kidney	6	37	
20	Larynx/ windpipe	1	38	
21	Leukemia	1	39	
22	Liver	0	39	
23	Lung	6	45	
24	Lymphoma/ Hodgkins disease	3	48	
25	Melanoma	7	55	
26	Mouth/tongue/lip	0	55	
27	Nervous system	0	55	
28	Ovary (ovarian)	3	58	
29	Pancreas (pancreatic)	0	58	
30	Prostate	8	66	
31	Rectum (rectal)	3	69	
32	Skin (non-melanoma)	34	103	
33	Skin (don't know what kind)	16	119	
34	Soft tissue (muscle or fat)	0	119	
35	Stomach	3	122	
36	Testis (testicular)	1	123	
37	Thyroid	2	125	
38	Uterus (uterine)	5	130	
39	Other	29	159	
66	More than 3 kinds	0	159	
77	Refused	0	159	
99	Don't know	0	159	
.	Missing	11585	11744	

## MCQ230c - 3rd cancer - what kind was it?

**Variable Name:** MCQ230c  
**SAS Label:** 3rd cancer - what kind was it?  
**English Text:** 3rd cancer - what kind was it?  
**Target:** Both males and females 20 YEARS - 150 YEARS

<b>Code or Value</b>	<b>Value Description</b>	<b>Count</b>	<b>Cumulative</b>	<b>Skip to Item</b>
10	Bladder	0	0	
11	Blood	0	0	
12	Bone	0	0	
13	Brain	1	1	
14	Breast	0	1	
15	Cervix (cervical)	1	2	
16	Colon	1	3	
17	Esophagus (esophageal)	0	3	
18	Gallbladder	0	3	
19	Kidney	0	3	
20	Larynx/ windpipe	0	3	
21	Leukemia	1	4	
22	Liver	1	5	
23	Lung	2	7	
24	Lymphoma/ Hodgkins disease	1	8	
25	Melanoma	3	11	
26	Mouth/tongue/lip	0	11	
27	Nervous system	0	11	
28	Ovary (ovarian)	2	13	
29	Pancreas (pancreatic)	0	13	
30	Prostate	2	15	
31	Rectum (rectal)	0	15	
32	Skin (non-melanoma)	3	18	
33	Skin (don't know what kind)	3	21	
34	Soft tissue (muscle or fat)	0	21	
35	Stomach	1	22	
36	Testis (testicular)	0	22	
37	Thyroid	0	22	
38	Uterus (uterine)	0	22	
39	Other	4	26	
66	More than 3 kinds	0	26	
77	Refused	0	26	
99	Don't know	0	26	
.	Missing	11718	11744	

## MCQ230d - More than 3 kinds of cancer

**Variable Name:** MCQ230d  
**SAS Label:** More than 3 kinds of cancer  
**English Text:** More than 3 kinds of cancer.  
**Target:** Both males and females 20 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
66	More than 3 kinds	2	2	
77	Refused	0	2	
99	Don't know	0	2	
.	Missing	11742	11744	

## OSQ230 - Any metal objects inside your body?

**Variable Name:** OSQ230

**SAS Label:** Any metal objects inside your body?

**English Text:** The following question is about metal objects you may have inside your body. Do you have any artificial joints, pins, plates, metal suture material, or other types of metal objects in your body? Some common examples are on the hand card.

**English Instructions:** INTERVIEWER INSTRUCTION: Do not include piercings, crowns, dental braces or retainers, shrapnel, or bullets. The metal object should NOT be visible on the outside of the body or in the mouth.  
HAND CARD OSQ3

**Target:** Both males and females 40 YEARS - 150 YEARS

Code or Value	Value Description	Count	Cumulative	Skip to Item
1	Yes	1917	1917	
2	No	3770	5687	
7	Refused	0	5687	
9	Don't know	36	5723	
.	Missing	6021	11744	

