Component Description

The Hepatitis section (variable name prefix HEQ) provides personal interview data on previous diagnosis of Hepatitis B and Hepatitis C and, among participants reporting a previous diagnosis, reported prescription medication treatment.

Eligible Sample

All survey participants 6 years of age and older were eligible for the questions on previous diagnosis of Hepatitis B and Hepatitis C. Only participants who indicated that they had been diagnosed with Hepatitis B or Hepatitis C were asked to report if they had been prescribed a medication.

Interview Setting and Mode of Administration

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

Persons 16 years of age and older and emancipated minors were interviewed directly. A proxy provided information for survey participants who were under 16 years of age and for participants who could not answer the questions themselves.

Hand cards with the names of medications used to treat Hepatitis B and Hepatitis C were shown.

The Interviewer Procedure Manuals and Survey Questionnaires and Exam Manuals can be found on the NHANES website at: <https://wwwn.cdc.gov/nchs/data/nhanes/2013-2014/questionnaires/heq_h.pdf>.

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 data were edited for completeness, consistency, and illogical values.

Analytic Notes

The HEQ questionnaire data can be analyzed in conjunction with data from other components, including the medical conditions questionnaire (including history of jaundice) and laboratory data (including Hepatitis B and Hepatitis C testing). 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 analyses.

The HEQ questionnaire was included in NHANES beginning in 2013. Previously (2001-2002, 2003-2004, 2005-2006, 2007-2008, 2009-2010, and 2011-2012), NHANES included a Hepatitis C follow-up questionnaire, but this questionnaire was discontinued with the introduction of the HEQ questionnaire. There are a number of differences between the HEQ questionnaire and the Hepatitis C follow-up questionnaire. For example, the eligible sample for the HEQ questionnaire was all survey participants 6 years of age and older; whereas the eligible sample for the Hepatitis C follow-up questionnaire was survey participants 6 years of age and older who tested positive for Hepatitis C (anti-HCV). Also, the HEQ questionnaire was conducted during the household interview and included questions on both Hepatitis B and Hepatitis C; whereas the Hepatitis C follow-up questionnaire was conducted on the telephone 6 months after the examination and only included questions on Hepatitis C.

Please refer to the [NHANES Analytic Guidelines](https://wwwn.cdc.gov/nchs/nhanes/analyticguidelines.aspx) and the on-line [NHANES Tutorial](https://www.cdc.gov/nchs/tutorials/) 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 6 YEARS - 150 YEARS

HEQ010 - Ever told you have Hepatitis B?

**Variable Name:**

HEQ010

**SAS Label:**

Ever told you have Hepatitis B?

**English Text:**

Has a doctor or other health professional ever told {you/SP} that {you have/s/he/SP has} Hepatitis B? (Hepatitis is a form of liver disease. Hepatitis B is an infection of the liver from the Hepatitis B virus (HBV).)

**English Instructions:**

CAPI INSTRUCTION: IF SP AGE >= 16, DISPLAY "YOU" AND "YOU HAVE". IF SP AGE = 12-15 OR >=16 AND PROXY INTERVIEW, DISPLAY "SP" AND "S/HE HAS". IF SP AGE = 6-11, DISPLAY "YOU" AND "SP HAS". INTERVIEWER: DO NOT ACCEPT SELF-DIAGNOSED OR DIAGNOSED BY A PERSON WHO IS NOT A DOCTOR OR OTHER HEALTH PROFESSIONAL.

**Target:**

Both males and females 6 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 66 | 66 |  |
| 2 | No | 8479 | 8545 | HEQ030 |
| 7 | Refused | 0 | 8545 | HEQ030 |
| 9 | Don't know | 27 | 8572 | HEQ030 |
| . | Missing | 0 | 8572 |  |

HEQ020 - Ever prescribed meds treat Hepatitis B?

**Variable Name:**

HEQ020

**SAS Label:**

Ever prescribed meds treat Hepatitis B?

**English Text:**

Please look at the drugs on this card that are prescribed for Hepatitis B. {Were you/Was/s/he/SP} ever prescribed any medicine to treat Hepatitis B?

**English Instructions:**

HAND CARD HEQ1 CAPI INSTRUCTION: IF SP AGE >= 16, DISPLAY "WERE YOU". IF SP AGE = 12-15 OR >=16 AND PROXY INTERVIEW, DISPLAY "WAS S/HE". IF SP AGE = 6-11, DISPLAY "WAS SP".

**Target:**

Both males and females 6 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 9 | 9 |  |
| 2 | No | 44 | 53 |  |
| 7 | Refused | 0 | 53 |  |
| 9 | Don't know | 13 | 66 |  |
| . | Missing | 8506 | 8572 |  |

HEQ030 - Ever told you have Hepatitis C?

**Variable Name:**

HEQ030

**SAS Label:**

Ever told you have Hepatitis C?

**English Text:**

Has a doctor or other health professional ever told {you/SP} that {you have/s/he/SP has} Hepatitis C? (Hepatitis is a form of liver disease. Hepatitis C is an infection of the liver from the Hepatitis C virus (HCV).)

**English Instructions:**

CAPI INSTRUCTION: IF SP AGE >= 16, DISPLAY "WERE YOU". IF SP AGE = 12-15 OR >=16 AND PROXY INTERVIEW, DISPLAY "WAS S/HE". IF SP AGE = 6-11, DISPLAY "WAS SP". INTERVIEWER: DO NOT ACCEPT SELF-DIAGNOSED OR DIAGNOSED BY A PERSON WHO IS NOT A DOCTOR OR OTHER HEALTH PROFESSIONAL.

**Target:**

Both males and females 6 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 76 | 76 |  |
| 2 | No | 8468 | 8544 | End of Section |
| 7 | Refused | 0 | 8544 | End of Section |
| 9 | Don't know | 28 | 8572 | End of Section |
| . | Missing | 0 | 8572 |  |

HEQ040 - Ever prescribed meds treat Hepatitis C?

**Variable Name:**

HEQ040

**SAS Label:**

Ever prescribed meds treat Hepatitis C?

**English Text:**

Please look at the drugs on this card that are prescribed for Hepatitis C. {Were you/ Was/s/he/SP} ever prescribed any medicine to treat Hepatitis C?

**English Instructions:**

HAND CARD HEQ2 CAPI INSTRUCTION: IF SP AGE >= 16, DISPLAY "WERE YOU". IF SP AGE = 12-15 OR >=16 AND PROXY INTERVIEW, DISPLAY "WAS S/HE". IF SP AGE = 6-11, DISPLAY "WAS SP".

**Target:**

Both males and females 6 YEARS - 150 YEARS

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 24 | 24 |  |
| 2 | No | 47 | 71 |  |
| 7 | Refused | 0 | 71 |  |
| 9 | Don't know | 5 | 76 |  |
| . | Missing | 8496 | 8572 |  |