**Question ID:** IDN.000_00.000

**Instrument Variable Name:**

**Final Documentation Name:** RECTYPE

**Record Type**

**Universe:**

**Description:**

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**File type identifier**

10 Household
20 Person
30 Sample Adult
31 Sample Adult Cancer
40 Sample Child
60 Family
65 Paradata
70 Injury/Poisoning Episode
75 Injury/Poisoning Verbatim

**Question ID:** IDN.000_02.000

**Instrument Variable Name:**

**Final Documentation Name:** SRVY_YR

**Survey Year**

**Universe:**

**Description:**

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Year of National Health Interview Survey**

<table>
<thead>
<tr>
<th>Year</th>
<th>Survey Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Household ID

**Universe:** 

**Description:**

Sources: None  
Recodes: None  
Keywords: None  
Notes: Use this variable to identify individual households.

**HH identifier**

### Interview Quarter

**Universe:**

**Description:** All households

Sources: None  
Recodes: None  
Keywords: None  
Notes: None

**Interview Quarter**

- **1** Quarter 1  
- **2** Quarter 2  
- **3** Quarter 3  
- **4** Quarter 4
Assignment Week

Universe: All households

Sources: None
Recodes: None
Keywords: assignment week; interview week
Notes: None

<table>
<thead>
<tr>
<th>Assignment Week</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Week 1</td>
</tr>
<tr>
<td>02</td>
<td>Week 2</td>
</tr>
<tr>
<td>03</td>
<td>Week 3</td>
</tr>
<tr>
<td>04</td>
<td>Week 4</td>
</tr>
<tr>
<td>05</td>
<td>Week 5</td>
</tr>
<tr>
<td>06</td>
<td>Week 6</td>
</tr>
<tr>
<td>07</td>
<td>Week 7</td>
</tr>
<tr>
<td>08</td>
<td>Week 8</td>
</tr>
<tr>
<td>09</td>
<td>Week 9</td>
</tr>
<tr>
<td>10</td>
<td>Week 10</td>
</tr>
<tr>
<td>11</td>
<td>Week 11</td>
</tr>
<tr>
<td>12</td>
<td>Week 12</td>
</tr>
<tr>
<td>13</td>
<td>Week 13</td>
</tr>
</tbody>
</table>

Generated variable

Universe: CSTATFLG = 1

Description: All sample children 0 - 17

Sources: None
Recodes: None
Keywords: family number
Notes: Use this variable in combination with HHX to identify individual families.

<table>
<thead>
<tr>
<th>Family Serial Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-25</td>
<td>Family number 1 - 25</td>
</tr>
</tbody>
</table>
**Question ID:** IDN.000_40.000

Generated variable

**Universe:** CSTATFLG = 1

**Description:** All sample children 0 - 17

**Sources:** None

**Recodes:** None

**Keywords:** person number

**Notes:** Use this variable in combination with HHX and FMX to identify individual persons.

**Person Number (in family)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-25</td>
<td>Person number 1 - 25</td>
</tr>
</tbody>
</table>

**Question ID:** IDN.000_65.000

**Instrument Variable Name:** FPX

**Final Documentation Name:** FPX

**Universe:**

**Description:**

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** Format of data has an implied decimal (XXXXXX.X). This weight does not include post-stratification adjustments (age, race/ethnicity, sex) to the civilian, non-institutionalized U.S. population of children (age 0 - 17) using Census population control totals.

**Weight - Interim Annual**
2008 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Child  
samchild : Identification Fields  
PUBLIC USE  
Document Version Date: 02-Jun-09

**Question ID:** IDN.000_70.000  
Instrument Variable Name: 
Final Documentation Name: WTFA_SC

<table>
<thead>
<tr>
<th>Universe:</th>
<th>Description:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sources:</td>
<td>None</td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
</tr>
<tr>
<td>Keywords:</td>
<td>None</td>
</tr>
</tbody>
</table>
| Notes:             | This weight should be used for most sample child analyses when using a full year of data. This weight includes post-stratification adjustments (age, race/ethnicity, sex) using Census Bureau population control totals. The sum of these weights is equal to the average of the civilian, noninstitutionalized U.S. population estimates for persons aged 17 and under for February 2005, May 2005, August 2005, and November 2005.

**Weight - Final Annual**

**Question ID:** UCF.000.00.000 R09 RECODE  
Instrument Variable Name: 
Final Documentation Name: REGION

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ALL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>All records</td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
</tr>
<tr>
<td>Keywords:</td>
<td>united states; region</td>
</tr>
</tbody>
</table>
| Notes:             | Data from Unit Control File (CENREG).

**Region**

- 1 Northeast
- 2 Midwest
- 3 South
- 4 West
### Question ID: UCF.000_00.000 R15 RECODE

**Instrument Variable Name:**
- Final Documentation Name: STRAT_P

**Universe:** ALL
**Description:** All records

**Sources:** None
**Recodes:** None
**Keywords:** None

**Notes:** Pseudo-stratum variable for public use file variance estimation. Created by NCHS/ORM.

---

### Question ID: UCF.000_00.000 R16 RECODE

**Instrument Variable Name:**
- Final Documentation Name: PSU_P

**Universe:** ALL
**Description:** All records

**Sources:** None
**Recodes:** None
**Keywords:** None

**Notes:** Pseudo-PSU variable for public use file variance estimation. Created by NCHS/ORM.

---

### Question ID: HHC.110_00.000

**Instrument Variable Name:**
- SEX

**Final Documentation Name:** SEX

[Are/Is] [you/person] male or female?

**Universe:** HHSTAT NE 'D'
**Description:** All non-deleted persons

**Sources:** None
**Recodes:** None
**Keywords:** None
**Notes:** None

<table>
<thead>
<tr>
<th>Sex</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Male</td>
</tr>
<tr>
<td>2</td>
<td>Female</td>
</tr>
</tbody>
</table>
Please give me the number of the group that represents [your/ person's] Hispanic origin or ancestry.

**Universe:** AGE = All

**Description:** All persons

**Sources:** ORIGIN_I; HHC.180

**Recodes:** None

**Keywords:** ethnicity; national origin; ancestry

**Notes:** "Other-specify" responses were assigned to specific groups where possible. Respondents who selected the generic "Hispanic/Spanish" response category were assigned "09", and in cases where the respondent refused to answer Hispanic origin or didn't know it, this variable was assigned "10" and "11", respectively. When Hispanic origin was not ascertained, this variable was also assigned "11". In cases where "Other-specify" responses were determined to be non-Hispanic, this variable was assigned "12" for not Hispanic/Spanish origin, and ORIGIN_I was back coded to "2" or "No" (no group represented respondent's national origin). Respondents coded at "12" answered 2,7,8, or 9 in ORIGIN_I. Data came from HHC.170 & HHC.180.

**Hispanic subgroup detail**

- 00 Multiple Hispanic
- 01 Puerto Rico
- 02 Mexican
- 03 Mexican-American
- 04 Cuban/Cuban American
- 05 Dominican (Republic)
- 06 Central or South American
- 07 Other Latin American, type not specified
- 08 Other Spanish
- 09 Hispanic/Latino/Spanish, non-specific type
- 10 Hispanic/Latino/Spanish, type refused
- 11 Hispanic/Latino/Spanish, type not ascertained
- 12 Not Hispanic/Spanish origin
Recode of full detail race groups

Universe: AGE = All
Description: All persons
Sources: RACFULI2
Recodes: HRACERI2
Keywords: race; new OMB race standards
Notes: This recode contains detail for the 5 OMB race groups, and a multiple race group. This recode does not include information provided in HHC.220 for multiple race mentions (the "primary" race). "Other Race" and "Unspecified Multiple race" are no longer available as separate race responses. These response categories are treated as missing, and the race is imputed if these are the only race responses. * Data not releasable due to respondent confidentiality or for other reasons.

OMB groups w/multiple race

01 White only
02 Black/African American only
03 AIAN only
04 Asian only
05 Race group not releasable*
06 Multiple race
### Question ID: HHC.200_01.000  R21 RECODE

**Instrument Variable Name:**
Final Documentation Name: MRACRPI2

### Recode

<table>
<thead>
<tr>
<th>Universe: AGE = All</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description: All persons</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sources: HHC.200; HHC.220</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes: None</td>
</tr>
<tr>
<td>Keywords: race; old OMB race standards</td>
</tr>
<tr>
<td>Notes: This variable identifies the primary or main race reported by the respondent. Data came from HHC.200 and HHC.220. &quot;Other Race&quot; and &quot;Unspecified Multiple race&quot; are no longer available as separate race responses. These response categories are treated as missing, and the race is imputed if these are the only race responses. If only one valid race was given, that answer was copied from RACE1 to here. If more than one race was given, the response was copied from MLTRAC (HHC.220). *Other Asian - this category includes Korean, Vietnamese, Japanese, and other Asian subgroups. ** Data not releasable due to respondent confidentiality or for other reasons.</td>
</tr>
</tbody>
</table>

### Race coded to single/multiple race group

<table>
<thead>
<tr>
<th>Race Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>White</td>
</tr>
<tr>
<td>02</td>
<td>Black/African American</td>
</tr>
<tr>
<td>03</td>
<td>Indian (American), Alaska Native</td>
</tr>
<tr>
<td>09</td>
<td>Asian Indian</td>
</tr>
<tr>
<td>10</td>
<td>Chinese</td>
</tr>
<tr>
<td>11</td>
<td>Filipino</td>
</tr>
<tr>
<td>15</td>
<td>Other Asian*</td>
</tr>
<tr>
<td>16</td>
<td>Primary race not releasable**</td>
</tr>
<tr>
<td>17</td>
<td>Multiple race, no primary race selected</td>
</tr>
</tbody>
</table>
Recode

Universe: AGE = All
Description: All persons

Sources: HHC.200; HHC.220
Recodes: None
Keywords: race; old OMB race standards; bridge variable
Notes: MRACBPI2 creates a bridge between the old (MRACE_P in 1997 and 1998) and the new OMB race standards (MRACER_P in 1999, MRACRP_I in 2000, 2001 and 2002, and MRACRP12 in 2003 and beyond). Data came from HHC.200 and HHC.220. If only one valid race was given, that answer was copied from RACE1 to here. If more than one race was given, the response was copied from MLTRAC (HHC.220). When comparing NHIS health measures across years by detailed race categories, MRACBPI2 should be used. For confidentiality reasons, it is not possible to create a bridge for the API (Asian and Pacific Islander) category. * Other race is included here for bridging purposes.

Race coded to single/multiple race group

<table>
<thead>
<tr>
<th>Code</th>
<th>Race Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>White</td>
</tr>
<tr>
<td>02</td>
<td>Black/African American</td>
</tr>
<tr>
<td>03</td>
<td>Indian (American) (includes Eskimo, Aleut)</td>
</tr>
<tr>
<td>06</td>
<td>Chinese</td>
</tr>
<tr>
<td>07</td>
<td>Filipino</td>
</tr>
<tr>
<td>12</td>
<td>Asian Indian</td>
</tr>
<tr>
<td>16</td>
<td>Other race*</td>
</tr>
<tr>
<td>17</td>
<td>Multiple race, no primary race selected</td>
</tr>
</tbody>
</table>

Recode

Universe: AGE = All
Description: All persons

Sources: AGE
Recodes: None
Keywords: age
Notes: In most cases, data on age came from HHC.120. Because age is an important variable for instrument check items and in developing the weights, all respondents must have data on age. A series of questions in the instrument from HHC.124 through HHC.165 attempted to collect data on age when age was not given in HHC.120.

Age

<table>
<thead>
<tr>
<th>Code</th>
<th>Age Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Under 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
</tbody>
</table>
**Question ID:** CID.010_00.000  
**Instrument Variable Name:** CSPAVAIL  
**Final Documentation Name:** CSRESPNO

Is [fill1:KNOWSC2 names] available to answer some questions about [fill2: ALIAS of Sample Child]'s health?  
*Enter line number of available respondent from list or enter "96" if no one is available.*

**Universe:** CSTATFLG='1'  
**Description:** Sample child section completed and someone identified as knowledgeable about child's health

**Sources:** None  
**Recodes:** None  
**Keywords:** respondent person number  
**Notes:** None

<table>
<thead>
<tr>
<th>Person # of available SC respondent</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-25</td>
<td>Person # of person available to answer questions about Sample Child</td>
</tr>
<tr>
<td>96</td>
<td>No person available</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
</tbody>
</table>

**Question ID:** CID.030_00.000  
**Instrument Variable Name:** CSREL.TIV  
**Final Documentation Name:** CSREL.TIV

What is [CSRESPNO name]'s relationship to {child name}?

**Universe:** CSTATFLG='1'  
**Description:** All families with a sample child

**Sources:** None  
**Recodes:** None  
**Keywords:** relationship  
**Notes:** None

<table>
<thead>
<tr>
<th>Person's relationship to child</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Parent (Biological, adoptive, or step)</td>
</tr>
<tr>
<td>02</td>
<td>Grandparent</td>
</tr>
<tr>
<td>03</td>
<td>Aunt/Uncle</td>
</tr>
<tr>
<td>04</td>
<td>Brother/Sister</td>
</tr>
<tr>
<td>05</td>
<td>Other relative</td>
</tr>
<tr>
<td>06</td>
<td>Legal guardian</td>
</tr>
<tr>
<td>07</td>
<td>Foster parent</td>
</tr>
<tr>
<td>08</td>
<td>Other non-relative</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** CHS.010_01.000

**Instrument Variable Name:** BWGT_LB

**Final Documentation Name:** BWGTLB

**What was {S.C.name}'s birth weight?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')

**Description:** Sample children LE 17 years

**Sources:** BWGTMGR

**Recodes:** None

**Keywords:** birth weight; pounds

**Notes:** Can be combined with BWGTOZ for full birth weight. All respondents were assigned values for weight in both metric and non-metric variables, regardless of the units they originally reported.

**Birth weight in pounds**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-15</td>
<td>1-15 pounds</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
<tr>
<td>M</td>
<td>Metric</td>
</tr>
</tbody>
</table>

**Question ID:** CHS.010_02.000

**Instrument Variable Name:** BWGT_OZ

**Final Documentation Name:** BWGTOZ

**What was {S.C.name}'s birth weight?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')

**Description:** Sample children LE 17 years

**Sources:** BWGTMGR

**Recodes:** None

**Keywords:** birth weight; ounces (oz)

**Notes:** Can be combined with BWGTLB for full birth weight. All respondents were assigned values for weight in both metric and non-metric variables, regardless of the units they originally reported.

**Birth weight in ounces**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00-15</td>
<td>0-15 ounces</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
<tr>
<td>Blank</td>
<td>Blank</td>
</tr>
</tbody>
</table>
What was [S.C. names]'s birth weight?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and BWGTLB = 'M'

Description: Sample children LE 17 years whose birth weight will be entered in metric.

Sources: BWGTLB, BWGTOZ

Recodes: None

Keywords: birth weight; grams

Notes: All respondents were assigned values for weight in both metric and non-metric variables, regardless of the units they originally reported.

Birth weight in grams

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0500-5485</td>
<td>500-5485 grams</td>
</tr>
<tr>
<td>9997</td>
<td>Refused</td>
</tr>
<tr>
<td>9998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How tall is [S.C name] now (without shoes)?

Universe: CSTATFLG = '1' and AGE=12-17

Description: Sample children 12-17 years

Sources: CHEIGHTN

Recodes: None

Keywords: Height

Notes: Top and bottom coded variables for Public Use file

Total current height in inches (truncated)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-95</td>
<td>0-95 inches</td>
</tr>
<tr>
<td>96</td>
<td>Not available</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Unknown</td>
</tr>
</tbody>
</table>
**2008 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Child  
samchild : Child Health Status & Limitations  
PUBLIC USE  
Document Version Date: 02-Jun-09

**Question ID:** CHS.022_02.000  
**RECODE**  
**Instrument Variable Name:** CWGHT_TC  
**Final Documentation Name:** CWGHT_TC

**How tall is {S.C name} now (without shoes)?**

**Universe:** CSTATFLG = '1' and AGE=12-17  
**Description:** Sample children 12-17 years

**Sources:** CWGHTP_P  
**Recodes:** None  
**Keywords:** Weight  
**Notes:** Top and bottom coded variables for Public Use file

**Current weight in pounds (truncated)**

<table>
<thead>
<tr>
<th>Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000-500</td>
<td>0-500 pounds</td>
</tr>
<tr>
<td>996</td>
<td>Not available</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Question ID:** R01 RECODE  
**Instrument Variable Name:** BMI_SC  
**Final Documentation Name:** BMI_SC

**Universe:** CSTATFLG = 1 and AGE = 12-17  
**Description:** Sample children aged 12-17 years

**Sources:** CHEIGHTN; CWGHTP_K  
**Recodes:** None  
**Keywords:** BMI; body mass index; overweight; obesity; underweight  
**Notes:** (1) BMI was calculated using the inhouse versions of the height and weight variables, which contain a greater range of height and weight values than are available on the public-use file. The range of possible BMI values listed (0001-9994) does not reflect actual calculated BMI values at the extremes of the range, but rather allows for the theoretical possibility of such unlikely values. (2) BMI = [Weight (kg)/[Height (m) squared]] rounded to 2 decimal places. Conversion factors 1 kg = 2.20462 pounds; 1 meter (m) = 39.37008 inches.

**Body Mass Index (BMI)**

<table>
<thead>
<tr>
<th>Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-9994</td>
<td>00.01-99.94</td>
</tr>
<tr>
<td>9995</td>
<td>99.95+</td>
</tr>
<tr>
<td>9999</td>
<td>Unknown</td>
</tr>
</tbody>
</table>
Question ID: CHS.031_02.000
Instrument Variable Name: ADD1_2
Final Documentation Name: AMR1

Has a doctor or health professional ever told you that \{S.C. name\} had...Mental Retardation?

Universe: CSTATFLG = '1' and (AGE LE '001' and AGE NE ' ')
Description: Sample children LE 1 year

Sources: None
Recodes: None
Keywords: mental retardation; developmental delay
Notes: None

Ever told SC had mental retardation

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

Question ID: CHS.031_03.000
Instrument Variable Name: ADD1_3
Final Documentation Name: AODD1

Has a doctor or health professional ever told you that \{S.C. name\} had...Any other developmental delay?

Universe: CSTATFLG = '1' and (AGE LE '001' and AGE NE ' ')
Description: Sample children LE 1 year

Sources: None
Recodes: None
Keywords: developmental delay
Notes: None

Ever told SC had other developmental delay

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
2008 NATIONAL HEALTH INTERVIEW SURVEY
Sample Child
samchild : Child Health Status & Limitations
PUBLIC USE
Document Version Date: 02-Jun-09

**Question ID:** CHS.032_01.000  
**Instrument Variable Name:** ADD_1  
**Final Documentation Name:** ADD2

**Has a doctor or health professional ever told you that {S.C. name} had...Attention Deficit Hyperactivity Disorder (ADHD) or Attention Deficit Disorder (ADD)?**

**Universe:** CSTATFLG = '1' and ('002' <= AGE<= '017')

**Description:** Sample children 2-17 years

<table>
<thead>
<tr>
<th>Ever told SC had ADHD/ADD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** CHS.032_02.000  
**Instrument Variable Name:** ADD_2  
**Final Documentation Name:** AMR2

**Has a doctor or health professional ever told you that { S.C. name} had...Mental Retardation?**

**Universe:** CSTATFLG = '1' and ('002' <= AGE<= '017')

**Description:** Sample children 2-17 years

<table>
<thead>
<tr>
<th>Ever told SC had mental retardation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
### Question ID: CHS.032_03.000  
Instrument Variable Name: ADD_3  
Final Documentation Name: AODD2

**Has a doctor or health professional ever told you that {S.C. name} had...Any other developmental delay?**

**Universe:** CSTATFLG = '1' and ('002' <= AGE <= '017')

**Description:** Sample children 2-17 years

**Sources:** None  
**Recodes:** None  
**Keywords:** developmental delay

**Notes:** None

<table>
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<tr>
<th>Ever told SC had other developmental delay</th>
<th>1</th>
<th>Yes</th>
<th>2</th>
<th>No</th>
<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don't know</th>
</tr>
</thead>
</table>

### Question ID: CHS.061_01.000  
Instrument Variable Name: CONDL11 - CONDL110  
Final Documentation Name: CCONDL01

**Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE '')

**Description:** Sample children LE 17 years

**Sources:** None  
**Recodes:** None  
**Keywords:** Down syndrome; mental retardation

**Notes:** See CRQ for original question format. Question format modified in 2008.

<table>
<thead>
<tr>
<th>Ever told SC had Down syndrome</th>
<th>1</th>
<th>Mentioned</th>
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<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don't know</th>
</tr>
</thead>
</table>

Question ID: CHS.061_02.000  
Instrument Variable Name: CONDL11-CONDL110  
Final Documentation Name: CCONDL02

**Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')  
**Description:** Sample children LE 17 years

**Sources:** None  
**Recodes:** None  
**Keywords:** cerebral palsy; developmental delay

**Notes:** Beginning in 2004 there has been a 10-fold increase in the number of sample children who were reported to have cerebral palsy in CHS.060_02.000, CONDL2. In 2003 there were 34 cases reported; in each year from 2004-2006 there were 311-353 cases reported. This increase is most likely caused by interviewer error due to operational differences between the CASES instrument used prior to 2004 and the Blaise instrument used beginning in 2004. A clarification of the survey instrument will be implemented in the 3rd quarter of 2007. See CRQ for original question format. Question format modified in 2008.

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<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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Question ID: CHS.061_03.000  
Instrument Variable Name: CONDL11-CONDL110  
Final Documentation Name: CCONDL03

**Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')  
**Description:** Sample children LE 17 years

**Sources:** None  
**Recodes:** None  
**Keywords:** muscular dystrophy

**Notes:** See CRQ for original question format. Question format modified in 2008.

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<tr>
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<td>Mentioned</td>
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<tr>
<td>2</td>
<td>Not mentioned</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?

Universe: $CSTATFLG = '1'$ and (AGE LE '017' and AGE NE ' ')

Description: Sample children LE 17 years

Sources: None

Recodes: None

Keywords: cystic fibrosis

Notes: See CRQ for original question format. Question format modified in 2008.

Ever told SC had cystic fibrosis

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Question ID: CHS.061_05.000

Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?

Universe: $CSTATFLG = '1'$ and (AGE LE '017' and AGE NE ' ')

Description: Sample children LE 17 years

Sources: None

Recodes: None

Keywords: sickle cell anemia

Notes: See CRQ for original question format. Question format modified in 2008.

Ever told SC had sickle cell anemia

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')

Description: Sample children LE 17 years

Questions:

**Ever told SC had autism**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know

**Ever told SC had diabetes**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know

Notes: See CRQ for original question format. Question format modified in 2008.
Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?

<table>
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<tr>
<th>Question ID:</th>
<th>CHS.061_08.000</th>
<th>Instrument Variable Name: CONDL11-CONDL110</th>
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</thead>
<tbody>
<tr>
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<td></td>
<td>Final Documentation Name: CCONDL08</td>
</tr>
</tbody>
</table>

| Universe:   | CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') |
| Description:| Sample children LE 17 years |

Sources: None
Recodes: None
Keywords: chronic conditions; arthritis
Notes: See CRQ for original question format. Question format modified in 2008.

**Ever told SC had arthritis**

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<tbody>
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<td>8</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID: CHS.061_09.000**

Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?

| Universe: | CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') |
| Description: | Sample children LE 17 years |

Sources: None
Recodes: None
Keywords: chronic conditions; congenital heart disease
Notes: See CRQ for original question format. Question format modified in 2008.

**Ever told SC had congenital heart disease**

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<tbody>
<tr>
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<td>9</td>
<td>Don't know</td>
</tr>
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</table>
### Question ID: CHS.061_10.000

**Instrument Variable Name:** CONDL11- CONDL110  
**Final Documentation Name:** CCONDL10

**Looking at this list, has a doctor or other health professional ever told you that {SC name} had any of these conditions? Which ones?**

**Universe:** CSTATFLG = 'I' and (AGE LE '017' and AGE NE ' )  
**Description:** Sample children LE 17 years  

**Sources:** None  
**Recodes:** None  
**Keywords:** chronic conditions; other heart condition  
**Notes:** See CRQ for original question format. Question format modified in 2008.

<table>
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<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: CHS.070_00.000

**Instrument Variable Name:** CPOX  
**Final Documentation Name:** CPOX

**Has {SC Name} EVER had chickenpox?**

**Universe:** CSTATFLG = 'I' and (AGE LE '017' and AGE NE ' )  
**Description:** Sample children LE 17 years  

**Sources:** None  
**Recodes:** None  
**Keywords:** chicken pox; acute condition  
**Notes:** None

<table>
<thead>
<tr>
<th>Code</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Question ID: CHS.072_00.000  
Instrument Variable Name: CPOX12MO  
Final Documentation Name: CPOX12MO

Has {SC name} had chickenpox DURING THE PAST 12 MONTHS?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CPOX = '1'
Description: Sample children LE 17 years who have had chickenpox

Sources: None  
Recodes: None  
Keywords: chicken pox; acute condition; varicella  
Notes: None

Chickenpox, past 12 m

1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know

Question ID: CHS.080_00.000  
Instrument Variable Name: CASHMEV  
Final Documentation Name: CASHMEV

Has a doctor or other health professional EVER told you that {SC name} had asthma?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children LE 17 years

Sources: None  
Recodes: None  
Keywords: asthma; respiratory condition  
Notes: None

Ever been told SC had asthma

1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know
#### Question ID: CHS.085_00.000

**Instrument Variable Name:** CASSTILL  
**Final Documentation Name:** CASSTILL

### Does {SC name} still have asthma?

- **Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CASHMEV = '1'
- **Description:** Sample children LE 17 years who were ever told they had asthma

**Sources:** None  
**Recodes:** None  
**Keywords:** asthma; respiratory condition  
**Notes:** None

<table>
<thead>
<tr>
<th>Still have asthma</th>
<th>1</th>
<th>Yes</th>
<th>2</th>
<th>No</th>
<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don't know</th>
</tr>
</thead>
</table>

#### Question ID: CHS.090_00.000

**Instrument Variable Name:** CASHYR  
**Final Documentation Name:** CASHYR

### DURING THE PAST 12 MONTHS, has {SC name} had an episode of asthma or an asthma attack?

- **Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CASHMEV = '1'
- **Description:** Sample children LE 17 years who were ever told they had asthma

**Sources:** None  
**Recodes:** None  
**Keywords:** asthma episode; asthma attack; asthma; respiratory condition  
**Notes:** None

<table>
<thead>
<tr>
<th>Had an asthma episode/attack, past 12 m</th>
<th>1</th>
<th>Yes</th>
<th>2</th>
<th>No</th>
<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don't know</th>
</tr>
</thead>
</table>

**2008 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Child**

**samchild : Child Health Status & Limitations**

PUBLIC USE

Document Version Date: 02-Jun-09

---

**Question ID:** CHS.100_00.000

**Instrument Variable Name:** CASMERYR

**Final Documentation Name:** CASMERYR

**DURING THE PAST 12 MONTHS, did {SC name} have to visit an emergency room or urgent care center because of {his/her} asthma?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CASHYR = '1'

**Description:** Sample children LE 17 years with asthma episode/attack in past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** chronic condition; asthma; respiratory condition

**Notes:** None

Had visit to ER due to asthma, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

---

**Question ID:** CHS.100_00.010

**Instrument Variable Name:** CASMHSP

**Final Documentation Name:** CASMHSP

**DURING THE PAST 12 MONTHS, has [fill: S.C. name] stayed overnight in a hospital because of asthma?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CASHYR(e) = '1'

**Description:** Sample children <18 who had episode of asthma in past 12 m

**Sources:** None

**Recodes:** None

**Keywords:** asthma; hospitalization

**Notes:** None

Stayed overnight in a hospital because of asthma, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** CHS.100_00.020  
**Instrument Variable Name:** CASMMC  
**Final Documentation Name:** CASMMC

After (the last time) [fill: SC name] left the hospital, did a health professional talk with you about long term management of [fill: his/her] asthma?

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CASMHSP(e) = '1'

**Description:** Sample child <18 in hospital overnight b/c of asthma, past 12 m

**Sources:** None  
**Recodes:** None  
**Keywords:** asthma; hospitalization  
**Notes:** None

---

**Question ID:** CHS.100_00.030  
**Instrument Variable Name:** CWZMSWK  
**Final Documentation Name:** CWZMSWK

DURING THE PAST 12 MONTHS, that is since [12-month ref. date], HOW MANY DAYS of [fill1: daycare or preschool/fill2: school/fill3: school or work] did [fill: SC name] miss because of [fill: his/her] asthma?

*Enter 995 if child home schooled.*

*Enter 996 if child did not go to [fill1: daycare or preschool/fill2: school/fill3: school or work].*

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CASHYR(e) = '1'

**Description:** Sample child <18 who had episode of asthma in past 12 m

**Sources:** None  
**Recodes:** None  
**Keywords:** asthma  
**Notes:** None

---

# DAYS of school/work missed because of asthma, past 12 m

<table>
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<th>Description</th>
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<tbody>
<tr>
<td>000-365</td>
<td>000-365 days</td>
</tr>
<tr>
<td>995</td>
<td>Child was home schooled</td>
</tr>
<tr>
<td>996</td>
<td>child did not go to day care, preschool, school, or work</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: CHS.100_00.040

**Instrument Variable Name:** CWZPIN  
**Final Documentation Name:** CWZPIN

**Has [fill: SC name] EVER used a PRESCRIPTION inhaler?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CASSTILL(e) = '1' or CASHYR(e) = '1')

**Description:** Sample child <18 who still have asthma or asthma attack in past 12 m

**Sources:** None  
**Recodes:** None  
**Keywords:** asthma; inhaler; Rx; prescription  
**Notes:** None

<table>
<thead>
<tr>
<th>EVER used a PRESCRIPTION inhaler</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Yes</td>
</tr>
<tr>
<td>2 No</td>
</tr>
<tr>
<td>7 Refused</td>
</tr>
<tr>
<td>8 Not ascertained</td>
</tr>
<tr>
<td>9 Don't know</td>
</tr>
</tbody>
</table>

### Question ID: CHS.100_00.050

**Instrument Variable Name:** CASMINST  
**Final Documentation Name:** CASMINST

**Has a health professional shown [fill: SC name] how to use [fill: his/her] inhaler? (This includes showing parents for young children.)**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CWZPIN(e) = '1'

**Description:** Sample child <18 who have ever used prescription inhaler

**Sources:** None  
**Recodes:** None  
**Keywords:** asthma; inhaler  
**Notes:** None

<table>
<thead>
<tr>
<th>Has health professional shown SC how to use inhaler</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Yes</td>
</tr>
<tr>
<td>2 No</td>
</tr>
<tr>
<td>7 Refused</td>
</tr>
<tr>
<td>8 Not ascertained</td>
</tr>
<tr>
<td>9 Don't know</td>
</tr>
</tbody>
</table>
Now I'm going to ask you about two different kinds of ASThma medicine. One is for quick relief. The other does not give quick relief but protects your lungs AND PREVENTS SYMPTOMS OVER THE LONG TERM.

DURING THE PAST 3 MONTHS, has [fill: SC name] used the kind of PRESCRIPTION inhaler THAT YOU BREATHE IN THROUGH YOUR MOUTH, that gives QUICK relief from asthma symptoms?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CWZPIN(e) = '1'
Description: Sample child <18 who have ever used prescription inhaler

Sources: None
Recodes: None
Keywords: asthma; inhaler; Rx; prescription
Notes: None

Used PRESCRIPTION inhaler THAT YOU BREATHE IN THROUGH YOUR MOUTH, that gives QUICK relief from asthma symptoms, past 3 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't Know

DURING THE PAST 3 MONTHS did [fill: SC name] use more than three canisters of this type of inhaler?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CASMPMED(e) = '1'
Description: Sample child <18 who have used quick relief inhaler, past 3 m

Sources: None
Recodes: None
Keywords: asthma; inhaler; Rx; prescription
Notes: None

Used more than three canisters of this type of inhaler, past 3 m.

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't Know
### Question ID: CHS.100_00.080

**Instrument Variable Name:** CASMED

**Final Documentation Name:** CASMED

**Has [fill: SC name] EVER taken the preventive kind of ASTHMA medicine used everyday to protect [fill: his/her] lungs and keep [fill: him/her] from having attacks? Include both oral medicine and inhalers. This is different from inhalers used for quick relief.**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CASSTILL(e) = '1' or CASHYR(e) = '1')

**Description:** Sample child <18 who still have asthma or asthma attack in past 12 m

**Sources:** None

**Recodes:** None

**Keywords:** asthma; inhaler; Rx; prescription; preventive

**Notes:** None

---

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

---

### Question ID: CHS.100_00.090

**Instrument Variable Name:** CASMDTP

**Final Documentation Name:** CASMDTP

**Is [fill: SC name] NOW taking this medication (that protects [fill: his/her] lungs) daily or almost daily?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CASMED(e) = '1'

**Description:** Sample child <18 who have ever taken preventive asthma medicine

**Sources:** None

**Recodes:** None

**Keywords:** asthma; inhaler; Rx; prescription; preventive

**Notes:** None

---

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
An asthma action plan is a printed form that tells when to change the amount or type of medicine, when to call the doctor for advice, and when to go to the emergency room.

**Has a doctor or other health professional EVER given [fill: SC name] an asthma action plan?**

*Read if necessary: Include nurses and asthma educators.*

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CASSTILL(e) = '1' or CASHYR(e) = '1')

**Description:** Sample child <18 who still have asthma or asthma attack in past 12 m

**Sources:** None

**Recodes:** None

**Keywords:** asthma; asthma plan; asthma management

**Notes:** None

Doctor EVER give an asthma action plan

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<td>1</td>
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<tr>
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<td>Don't know</td>
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</table>

**Has [fill: SC name] ever taken a course or class on how to manage [fill: his/her] asthma?**

*Include adult(s) who took a course for the child's asthma.*

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CASSTILL(e) = '1' or CASHYR(e) = '1')

**Description:** Sample child <18 who still have asthma or asthma attack in past 12 m

**Sources:** None

**Recodes:** None

**Keywords:** asthma; asthma management

**Notes:** None

EVER took a course/class on how to manage asthma

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<tbody>
<tr>
<td>1</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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</tbody>
</table>
Question ID: CHS.100_00.116  
Instrument Variable Name: CAS_REC  
Final Documentation Name: CAS_REC

Has a doctor or other health professional EVER taught [fill: SC name] or [fill: his/her] parent or guardian...

...how to recognize early signs or symptoms of an asthma episode

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CASSTILL(e) = '1' or CASHYR(e) = '1')

Description: Sample child <18 who still have asthma or have had asthma attack in the past 12 months

Sources: None
Recodes: None
Keywords: asthma; asthma management
Notes: None

Doctor EVER taught parent how to recognize early signs of an asthma episode

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

Question ID: CHS.100_00.117  
Instrument Variable Name: CAS_RES  
Final Documentation Name: CAS_RES

*Read if necessary: Has a doctor or other health professional EVER taught [fill: SC name] or [fill: his/her] parent or guardian...

...how to respond to episodes of asthma

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CASSTILL(e) = '1' or CASHYR(e) = '1')

Description: Sample child <18 who still have asthma or have had asthma attack in the past 12 months

Sources: None
Recodes: None
Keywords: asthma; asthma management
Notes: None

Doctor EVER taught parent how to respond to episodes of asthma

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** CHS.100_00.118  
**Instrument Variable Name:** CAS_MON  
**Final Documentation Name:** CAS_MON

*Read if necessary: Has a doctor or other health professional EVER taught [fill: SC name] or [fill: his/her] parent or guardian...

...how to monitor peak flow for daily therapy

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CASSTILL(e) = '1' or CASHYR(e) = '1')

**Description:** Sample child <18 who still have asthma or have had asthma attack in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** asthma; asthma management; air flow; peak flow

**Notes:** None

Doctor EVER taught parent how to monitor peak flow for daily therapy

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

**Question ID:** CHS.100_00.130  
**Instrument Variable Name:** CAPENVLN  
**Final Documentation Name:** CAPENVLN

Has a doctor or other health professional EVER advised you to change things in [fill: SC name]'s home, school, or work to improve [fill: his/her] asthma?

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CASSTILL(e) = '1' or CASHYR(e) = '1')

**Description:** Sample child <18 who still have asthma or asthma attack in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** asthma; asthma management

**Notes:** None

Doctor EVER advised to change things in home to improve asthma

1  Yes
2  No
3  Was told no changes needed
7  Refused
8  Not ascertained
9  Don't know
Question ID: CHS.100_00.140
Instrument Variable Name: CAPENVDO
Final Documentation Name: CAPENVDO

**How much of this advice did you follow? Would you say none, a little, some, most, or all?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CAPENVLN(e) = '1'

**Description:** Sample child <18 who been told to change things because of asthma

**Sources:** None

**Recodes:** None

**Keywords:** asthma; asthma management

**Notes:** None

**Amount of doctor's advice followed**

| 0 | None |
| 1 | A little |
| 2 | Some |
| 3 | Most |
| 4 | All |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Question ID: CHS.111_01.000
Instrument Variable Name: CCOND1T_1
Final Documentation Name: HAYF1

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions…Hay fever?**

**Universe:** CSTATFLG = '1' and AGE LE '002'

**Description:** Sample children LE 2 years

**Sources:** None

**Recodes:** None

**Keywords:** hayfever; allergy; chronic condition

**Notes:** See CRQ for original question format

**Had hay fever, past 12 m**

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
**Question ID:** CHS.111_02.000  
**Instrument Variable Name:** CCONDT1_2  
**Final Documentation Name:** RALLG1

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Any kind of respiratory allergy?**

**Universe:** CSTATFLG = '1' and AGE LE '002'

**Description:** Sample children LE 2 years

**Sources:** None  
**Recodes:** None  
**Keywords:** respiratory allergy; allergy

**Notes:** See CRQ for original question format

Had respiratory allergy, past 12 m

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

---

**Question ID:** CHS.111_03.000  
**Instrument Variable Name:** CCONDT1_3  
**Final Documentation Name:** DALLG1

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Any kind of food/digestive allergy?**

**Universe:** CSTATFLG = '1' and AGE LE '002'

**Description:** Sample children LE 2 years

**Sources:** None  
**Recodes:** None  
**Keywords:** digestive allergy; food allergy; allergy

**Notes:** See CRQ for original question format

Had food/digestive allergy, past 12 m

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
2008 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Child  
samchild : Child Health Status & Limitations  
PUBLIC USE  
Document Version Date: 02-Jun-09

Question ID: CHS.111_04.000  
Instrument Variable Name: CCONDT1_4  
Final Documentation Name: SALLG1

**DURING THE PAST 12 MONTHS, has [SC name] had any of the following conditions…Eczema or any kind of skin allergy?**

**Universe:** CSTATFLG = '1' and AGE LE '002'

**Description:** Sample children LE 2 years

**Sources:** None

**Recodes:** None

**Keywords:** eczema; skin allergy; skin condition

**Notes:** See CRQ for original question format

Had eczema/skin allergy, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

---

Question ID: CHS.111_05.000  
Instrument Variable Name: CCONDT1_5  
Final Documentation Name: DIARH1

**DURING THE PAST 12 MONTHS, has [SC name] had any of the following conditions…Frequent or repeated diarrhea or colitis?**

**Universe:** CSTATFLG = '1' and AGE LE '002'

**Description:** Sample children LE 2 years

**Sources:** None

**Recodes:** None

**Keywords:** diarrhea; colitis

**Notes:** See CRQ for original question format

Had frequent diarrhea/colitis, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Anemia?

Universe: CSTATFLG = '1' and AGE LE '002'
Description: Sample children LE 2 years
Sources: None
Recodes: None
Keywords: anemia, iron deficiency
Notes: See CRQ for original question format

Had anemia, past 12 m
1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Three or more ear infections?

Universe: CSTATFLG = '1' and AGE LE '002'
Description: Sample children LE 2
Sources: None
Recodes: None
Keywords: ear infections; otitis media
Notes: See CRQ for original question format

Had 3+ ear infections, past 12 m
1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Seizures?

Universe: CSTATFLG = '1' and AGE LE '002'

Description: Sample children LE 2 years

Sources: None

Recodes: None

Keywords: seizures; epilepsy

Notes: See CRQ for original question format

Had seizures, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Hay fever?

Universe: CSTATFLG = '1' and (’003' <= AGE <= '017')

Description: Sample children 3-17 years

Sources: None

Recodes: None

Keywords: hay fever; allergy; chronic condition

Notes: See CRQ for original question format

Had hay fever, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** CHS.115_02.000  
**Instrument Variable Name:** CCONDT_2  
**Final Documentation Name:** RAILG2

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Any kind of respiratory allergy?**

- **Universe:** CSTATFLG = '1' and ('003' <= AGE <= '017')
- **Description:** Sample children 3-17 years
- **Sources:** None
- **Recodes:** None
- **Keywords:** respiratory allergy; allergy
- **Notes:** See CRQ for original question format

Had respiratory allergy, past 12 m

<p>| | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** CHS.115_03.000  
**Instrument Variable Name:** CCONDT_3  
**Final Documentation Name:** DALLG2

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Any kind of food or digestive allergy?**

- **Universe:** CSTATFLG = '1' and ('003' <= AGE <= '017')
- **Description:** Sample children 3-17 years
- **Sources:** None
- **Recodes:** None
- **Keywords:** digestive allergy; food allergy; allergy
- **Notes:** See CRQ for original question format

Had food/digestive allergy, past 12 m

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**2008 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Child

Sam Child : Child Health Status & Limitations

PUBLIC USE

Document Version Date: 02-Jun-09

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**Question ID:** CHS.115_04.000  
**Instrument Variable Name:** CCONDT_4  
**Final Documentation Name:** SALLG2

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Eczema or any kind of skin allergy?**

**Universe:** CSTATFLG = '1' and ('003' <= AGE <= '017')

**Description:** Sample children 3-17 years

**Sources:** None

**Recodes:** None

**Keywords:** eczema; skin allergy; skin condition

**Notes:** See CRQ for original question format

Had eczema/skin allergy, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

---

**Question ID:** CHS.115_05.000  
**Instrument Variable Name:** CCONDT_5  
**Final Documentation Name:** DIARH2

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Frequent or repeated diarrhea or colitis?**

**Universe:** CSTATFLG = '1' and ('003' <= AGE <= '017')

**Description:** Sample children 3-17 years

**Sources:** None

**Recodes:** None

**Keywords:** diarrhea; colitis

**Notes:** See CRQ for original question format

Had frequent diarrhea/colitis, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: CHS.115_06.000
Instrument Variable Name: CCONDT_6
Final Documentation Name: ANEMIA2

DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Anemia?

Universe: CSTATFLG = '1' and ('003' <= AGE <= '017')
Description: Sample children 3-17 years

Sources: None
Recodes: None
Keywords: anemia; iron deficiency
Notes: See CRQ for original question format

Had anemia, past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: CHS.115_07.000
Instrument Variable Name: CCONDT_7
Final Documentation Name: FHEAD

DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Frequent or severe headaches, including migraines?

Universe: CSTATFLG = '1' and ('003' <= AGE <= '017')
Description: Sample children 3-17 years

Sources: None
Recodes: None
Keywords: headaches; migraines
Notes: See CRQ for original question format

Had frequent headaches/migraines, past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** CHS.115_08.000  
**Instrument Variable Name:** CCONDT_8  
**Final Documentation Name:** EARINF2

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Three or more ear infections?**

**Universe:** CSTATFLG = '1' and ('003' <= AGE <= '017')

**Description:** Sample children 3-17 years

**Sources:** None

**Recodes:** None

**Keywords:** ear infections; otitis media

**Notes:** See CRQ for original question format

<table>
<thead>
<tr>
<th>Had 3+ ear infections, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Yes</td>
</tr>
<tr>
<td>2 No</td>
</tr>
<tr>
<td>7 Refused</td>
</tr>
<tr>
<td>8 Not ascertained</td>
</tr>
<tr>
<td>9 Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** CHS.115_09.000  
**Instrument Variable Name:** CCONDT_9  
**Final Documentation Name:** SEIZE2

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Seizures?**

**Universe:** CSTATFLG = '1' and ('003' <= AGE <= '017')

**Description:** Sample children 3-17 years

**Sources:** None

**Recodes:** None

**Keywords:** seizures; epilepsy

**Notes:** See CRQ for original question format

<table>
<thead>
<tr>
<th>Had seizures, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Yes</td>
</tr>
<tr>
<td>2 No</td>
</tr>
<tr>
<td>7 Refused</td>
</tr>
<tr>
<td>8 Not ascertained</td>
</tr>
<tr>
<td>9 Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** CHS.115_10.000  
**Instrument Variable Name:** CCONDT_10  
**Final Documentation Name:** STUTTER

**DURING THE PAST 12 MONTHS, has {SC name} had any of the following conditions...Stuttering or stammering?**

<table>
<thead>
<tr>
<th>Universe</th>
<th>CSTATFLG = '1' and ('003' &lt;= AGE &lt;= '017')</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Sample children 3-17 years</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sources</th>
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</tr>
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<tbody>
<tr>
<td>Recodes</td>
<td>None</td>
</tr>
<tr>
<td>Keywords</td>
<td>stuttering; stammering; speech problem</td>
</tr>
<tr>
<td>Notes</td>
<td>See CRQ for original question format</td>
</tr>
</tbody>
</table>

Stuttered/stammered, past 12 m

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

**Question ID:** CHS.210_00.000  
**Instrument Variable Name:** CHSTATYR  
**Final Documentation Name:** CHSTATYR

**Compared with 12 months ago, would you say {SC name} health is now better, worse, or about the same?**

<table>
<thead>
<tr>
<th>Universe</th>
<th>CSTATFLG = '1' and (AGE LE '017' and AGE NE '')</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Sample children LE 17 years</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sources</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes</td>
<td>None</td>
</tr>
<tr>
<td>Keywords</td>
<td>health status</td>
</tr>
<tr>
<td>Notes</td>
<td>None</td>
</tr>
</tbody>
</table>

Health better, worse, or about the same

| 1 | Better |
| 2 | Worse |
| 3 | About the same |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
DURING THE PAST 12 MONTHS, that is, since \{12-month ref. date\}, about how many days did \{SC name\} miss school because of illness or injury?

Universe: CSTATFLG = '1' and ('005' <= AGE <= '017')

Description: Sample children 5-17 years

Days missed due to illness/injury, past 12 m

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>None</td>
</tr>
<tr>
<td>001-240</td>
<td>1-240 days</td>
</tr>
<tr>
<td>996</td>
<td>Did not go to school</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Did \{SC name\} have a head cold or chest cold that started during those two weeks?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE '')

Description: Sample children LE 17 years

Had a head/chest cold, 2 week reference period

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: CHS.240_00.000
Instrument Variable Name: CINTIL2W
Final Documentation Name: CINTIL2W

Did {SC name} have a stomach or intestinal illness with vomiting or diarrhea that started during those two weeks?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children LE 17 years

Sources: None
Recodes: None
Keywords: stomach illness; intestinal illness; vomiting; diarrhea
Notes: None

Had stomach illness with vomiting/diarrhea, 2 week reference period

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: CHS.250_00.000
Instrument Variable Name: CHEARST1
Final Documentation Name: CHEARST1

Which statement best describes [fill: SC name]'s hearing without a hearing aid: Excellent, good, a little trouble hearing, moderate trouble, a lot of trouble, or is [fill: SC's name] deaf?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children LE 17 years

Sources: None
Recodes: None
Keywords: trouble hearing; hearing; hearing impaired; deaf
Notes: In 2008, the response categories were expanded from 4 categories (good, a little trouble, a lot of trouble, deaf) to 6 categories (excellent, good, a little trouble hearing, moderate trouble, a lot of trouble, deaf)

Hearing without hearing aid

1 Excellent
2 Good
3 A little trouble hearing
4 Moderate trouble
5 A lot of trouble
6 Deaf
7 Refused
8 Not ascertained
9 Don't know
Question ID: CHS.260_00.000
Instrument Variable Name: CVISION
Final Documentation Name: CVISION

Does {SC name} have any trouble seeing [if age ge 2: even when wearing glasses or contact lenses]?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children LE 17 years

Sources: None
Recodes: None
Keywords: trouble seeing; vision problems
Notes: None

<table>
<thead>
<tr>
<th>Trouble seeing</th>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: CHS.270_00.000
Instrument Variable Name: CBLIND
Final Documentation Name: CBLIND

Is {S.C. name} blind or unable to see at all?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CVISION = '1'
Description: Sample children LE 17 years having trouble seeing

Sources: None
Recodes: None
Keywords: blind; unable to see; trouble seeing
Notes: None

<table>
<thead>
<tr>
<th>Blind/unable to see at all</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** CHS.270_00.010

**Instrument Variable Name:** CVISTST

**Final Documentation Name:** CVISTST

Has [fill: SC name] EVER had [fill: his/her] vision tested by a doctor or other health professional?

**Universe:** CSTATFLG = '1' and (AGE LE '005' and AGE NE ' ') and CBLIND(e) in('2','7','9',' ')

**Description:** Sample children <6 who are not blind

**Sources:** None

**Recodes:** None

**Keywords:** vision; eye exam; ophthalmologist; optometrist

**Notes:** None

Ever had vision tested by a doctor

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

**Question ID:** CHS.270_00.020

**Instrument Variable Name:** CVISLT

**Final Documentation Name:** CVISLT

When was [fill: his/her] vision last tested?

**Universe:** CSTATFLG = '1' and (AGE LE '005' and AGE NE ' ') and CVISTST(e) = '1'

**Description:** Sample children <6 who ever had vision tested

**Sources:** None

**Recodes:** None

**Keywords:** vision; eye exam

**Notes:** None

When was vision last tested

1 In the last 12 months
2 In the last 13-24 months
3 Over 24 months
7 Refused
8 Not ascertained
9 Don't know
Does [fill: SC name] wear eyeglasses or contact lenses?

Universe:  
CSTATFLG = '1' and ('006'<=AGE<='017') and CBLIND(e) in('2','7','9',' ')  
Description:  Sample children 6-17 years who are not blind

Wear eyeglasses or contact lenses

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Eyeglasses/contact lenses to read street signs/see in the distance

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
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</tbody>
</table>
Question ID: CHS.270_00.035
Instrument Variable Name: CVISREAD
Final Documentation Name: CVISREAD

Does [fill: SC name] wear eyeglasses or contact lenses to read books, write, play hand-held games, or do other things that require [fill: her/him] to see well up close?

Universe: CSTATFLG = '1' and ('006'<=AGE<='017') and CVISGLAS(e) = '1'

Description: Sample children 6-17 who wear glasses or contact lenses

Sources: None
Recodes: None
Keywords: vision; eyeglasses; contact lenses; contacts; farsighted; hyperopic
Notes: None

Eyeglasses or contact lenses to read books, write, to see well up close?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: CHS.270_00.040
Instrument Variable Name: CVISACT
Final Documentation Name: CVISACT

Does [fill: SC name] participate in sports, hobbies, or other activities that can cause eye injury? This includes activities such as baseball, basketball, soccer and mowing the lawn.

Universe: CSTATFLG = '1' and ('006'<=AGE<='017')

Description: Sample children 6-17

Sources: None
Recodes: None
Keywords: vision; eye injury; sports injury
Notes: None

Participate in sports/other activities that can cause eye injury

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: CHS.270_00.050

When doing these activities, on average, does [fill: he/she] wear eye protection always, most of the time, some of the time, or none of the time?

Universe: CSTATFLG = '1' and (006<=AGE<017) and CVISACT(e) = '1'

Description: Sample children 6-17 who participate in sports that cause eye injuries

Sources: None
Recodes: None
Keywords: vision; eye injury; sports injury; protective goggles; eye protection
Notes: None

Use of eye protection

1 Always
2 Most of the time
3 Some of the time
4 None of the time
7 Refused
8 Not ascertained
9 Don't know

Question ID: CHS.290_00.000

Does [SC name] have any impairment or health problem that requires [him/her] to use special equipment, such as a brace, a wheelchair, or a hearing aid (excluding ordinary eyeglasses or corrective shoes)?

Universe: CSTATFLG = '1' and (AGE LE 017 and AGE NE ' ')

Description: Sample children LE 17 years

Sources: None
Recodes: None
Keywords: assistive devices; special equipment; medical technology
Notes: None

Need special equipment due to impairment/health problem

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: CHS.300_00.000

Does {SC name} have an impairment or health problem that limits {his/her} ability to (crawl), walk, run, or play?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')

Description: Sample children LE 17 years

Sources: None

Recodes: None

Keywords: physical impairment; mobility limitation; mobility impairment

Notes: None

Impairment/health problem limit crawl/walk/run/play

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: CHS.310_00.000

Is this an impairment or health problem that has lasted, or is expected to last 12 months or longer?

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and IHMOB = '1'

Description: Sample children LE 17 that have limited ability to crawl, walk, run, or play

Sources: None

Recodes: None

Keywords: physical impairment; mobility limitation; mobility impairment

Notes: None

Impairment/health problem lasted/will last 12+ m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Question ID: CHS.311_00.000

**Instrument Variable Name:** PROBRX  
**Final Documentation Name:** PROBRX

**Question:** Does {SC name} NOW have a problem for which {he/she} has regularly taken prescription medication for at least three months?

**Universe:**  
CSTATFLG = '1' and (AGE LE '017' and AGE NE ')  

**Description:** Sample children LE 17 years

**Sources:** None  
**Recodes:** None  
**Keywords:** prescription medication; rx  
**Notes:** None

**Taken RX medication for 3+ m**

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<td>8</td>
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<td>9</td>
<td>Don't know</td>
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</table>

### Question ID: CHS.312_00.000

**Instrument Variable Name:** LEARND  
**Final Documentation Name:** LEARND

**Question:** Has a representative from a school or a health professional ever told you that {SC name} had a learning disability?

**Universe:**  
CSTATFLG = '1' and ('003' <= AGE <= '017')

**Description:** Sample children 3-17 years

**Sources:** None  
**Recodes:** None  
**Keywords:** learning disability  
**Notes:** None

**Ever told SC had a learning disability**

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<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
I am going to read a list of items that describe children. For each one, tell me if it has been NOT TRUE, SOMETIMES TRUE, or OFTEN TRUE, of {SC name} DURING THE PAST TWO MONTHS.

**HE: Has been unhappy, sad, or depressed?**

**Universe:** CSTATFLG = '1' and AGE IN('002','003') and SEX = '1'

**Description:** Male sample children 2-3 years old

**Sources:** None

**Recodes:** None

**Keywords:** depression; unhappy; sad; depressed

**Notes:** See CRQ for original question format.

---

**Question ID:** CHS.321_04.000  
**Instrument Variable Name:** CMHAGM11_4  
**Final Documentation Name:** CMHAGM15

---

**Question ID:** CHS.321_04.000 R01 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** MHIBOY2

**Universe:** CSTATFLG = 1, AGE = 2-3 and SEX = 1

**Description:** Boys 2-3 years old

**Sources:** CMHAGM12; CMHAGM13; CMHAGM14; CMHAGM15

**Recodes:** None

**Keywords:** mental health indicator (MHI); boys 2-3

**Notes:** For quantitative analysis; not recommended for use as a mental health indicator for this age group (for detailed discussion, see CHS Appendix).

**Mental health indicator (MHI) scale score**

- 00-08 Scale score
- 99 Unknown
I am going to read a list of items that describe children. For each one, tell me if it has been NOT TRUE, SOMETIMES TRUE, or OFTEN TRUE, of {SC name} DURING THE PAST TWO MONTHS.

**SHE: Has been unhappy, sad, or depressed?**

**Universe:** CSTATFLG = '1' and AGE IN('002','003') and SEX = '2'

**Description:** Female sample children 2-3 years old

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<tr>
<th>Scale score</th>
<th>Description</th>
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<tbody>
<tr>
<td>0</td>
<td>Not true</td>
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<tr>
<td>1</td>
<td>Sometimes true</td>
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<tr>
<td>2</td>
<td>Often true</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** CHS.361_04.000 **Instrument Variable Name:** CMHAGF11_4  
**Final Documentation Name:** CMHAGF15

---

**Question ID:** CHS.361_04.000 R01 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** MHIGRL2

**Universe:** CSTATFLG = 1, AGE = 2-3 and SEX = 2

**Description:** Girls 2-3 years old

<table>
<thead>
<tr>
<th>Scale score</th>
<th>Description</th>
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<tbody>
<tr>
<td>00-08</td>
<td>Scale score</td>
</tr>
<tr>
<td>99</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Sources:** CMHAGF12; CMHAGF13; CMHAGF14; CMHAGF15

**Recodes:** None

**Keywords:** mental health indicator (MHI); girls 2-3

**Notes:** For quantitative analysis; not recommended for use as a mental health indicator for this age group (for detailed discussion, see MHI Appendix).
Question ID: CAU.020_00.000
Instrument Variable Name: CUSUALPL
Final Documentation Name: CUSUALPL

Is there a place that {S.C.name} USUALLY goes when {he/she} is sick or you need advice about {his/her} health?

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children LE 17 years

Sources: None
Recodes: None
Keywords: source of care; access to care; health care provider
Notes: None

Place USUALLY go when sick
1 Yes
2 There is NO place
3 There is MORE THAN ONE place
7 Refused
8 Not ascertained
9 Don't know

Question ID: CAU.030_00.000
Instrument Variable Name: CPLKIND
Final Documentation Name: CPLKIND

[If CUSUALPL = 1]:  What kind of place is it - a clinic, doctor's office, emergency room, or some other place?  [Else, if CUSUALPL = 3]:  What kind of place does {S.C. name} go to most often - a clinic, doctor's office, emergency room, or some other place?

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and CUSUALPL IN('1','3')
Description: Sample children LE 17 years with 1+ usual place(s) to go when sick/need health advice

Sources: None
Recodes: None
Keywords: source of care; access to care; health care provider
Notes: None

Place to go when sick (most often)
1 Clinic or health center
2 Doctor's office or HMO
3 Hospital emergency room
4 Hospital outpatient department
5 Some other place
6 Doesn't go to one place most often
7 Refused
8 Not ascertained
9 Don't know
2008 NATIONAL HEALTH INTERVIEW SURVEY
Sample Child
samchild : Child Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 02-Jun-09

---

**Question ID:** CAU.035_00.000
**Instrument Variable Name:** CHCPLROU
**Final Documentation Name:** CHCPLROU

Is that [place selected in CPLKIND] the same place [S.C. name] usually goes when [he/she] needs routine or preventive care, such as a physical examination or well baby/child check up?

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and CPLKIND IN('1', '2', '3', '4', '5')

**Description:** Sample children LE 17 years with 1+ usual place(s) to go when sick/need health advice who reported place goes most often as a clinic or health center, doctor's office or HMO, hospital emergency room, hospital outpatient department, or some other place

**Sources:** None
**Recodes:** None
**Keywords:** source of care; access to care; health care provider
**Notes:** None

**USUALLY go there for routine/preventive care**

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</table>
What kind of place does {S.C. name} usually go to when {he/she} needs routine preventive care, such as a physical examination or well baby/child check up?

Universe:  
CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and (CUSUALPL NOT IN('1', '3') or CPLKIND IN('6', '7', '8', '9') or CHCPLROU NE '1')

Description: Sample Children LE 17 years who do not have a usual source of sick care; who Ref/NA/DK if have a usual source of sick care; who have a usual source of sick care but do not go to one place most often or Ref/NA/DK what kind of place; who have a usual source of sick care, but it is not same place as usual source of routine/preventive care; who have a usual source of sick care but Ref/NA/DK if it is same place as usual source of routine/preventive care.

Sources: None
Recodes: None
Keywords: access to care; source of care; preventive care; health care provider
Notes: None

Place USUALLY go for routine/preventive care

0 Doesn't get preventive care anywhere
1 Clinic or health center
2 Doctor's office or HMO
3 Hospital emergency room
4 Hospital outpatient department
5 Some other place
6 Doesn't go to one place most often
7 Refused
8 Not ascertained
9 Don't know
### Question ID: CAU.040_00.000

**Instrument Variable Name:** CHCCHGYR  
**Final Documentation Name:** CHCCHGYR

**At any time in the past 12 months did you CHANGE the place(s) to which {S.C. name} USUALLY goes for health care?**

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and (CUSUALPL = '1', '3' or CHCPLROU = '1')

**Description:** Sample children LE 17 years with 1+ usual place(s) to go when sick/need health advice

**Sources:** None  
**Recodes:** None  
**Keywords:** source of care; access to care; health care provider  
**Notes:** None

**Change health care place, past 12 m**

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### Question ID: CAU.050_00.000

**Instrument Variable Name:** CHCCHGHI  
**Final Documentation Name:** CHCCHGHI

**Was this change for a reason related to health insurance?**

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and CHCCHGYR = '1'

**Description:** Sample Children LE 17 years with 1+ usual place(s) to go when sick/need health advice who CHANGED their USUAL place for health care in past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** access to care; health care provider; health insurance  
**Notes:** None

**Change related to health insurance**

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</table>
### Question ID: CAU.080_01.000

**Instrument Variable Name:** CHCDLYR1_1

**Final Documentation Name:** CHCDLYR1

**There are many reasons people delay getting medical care. Have you delayed getting care for \{S.C. name\} for any of the following reasons in the PAST 12 MONTHS? ... You couldn't get through on the telephone**

| Universe: | CSTATFLG='1' and (AGE LE '017' and AGE NE ') |
| Description: | Sample children LE 17 years |

**Sources:** None

**Recodes:** None

**Keywords:** access to care; delayed care; access problem

**Notes:** None

**Couldn't get through on phone, past 12 m**

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<td>Don't know</td>
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</table>

### Question ID: CAU.080_02.000

**Instrument Variable Name:** CHCDLYR1_2

**Final Documentation Name:** CHCDLYR2

**There are many reasons people delay getting medical care. Have you delayed getting care for \{S.C. name\} for any of the following reasons in the PAST 12 MONTHS? ... You couldn't get an appointment for \{S.C. name\} soon enough**

| Universe: | CSTATFLG='1' and (AGE LE '017' and AGE NE ') |
| Description: | Sample children LE 17 years |

**Sources:** None

**Recodes:** None

**Keywords:** access to care; delayed care; access problem; scheduling

**Notes:** None

** Couldn't get appointment soon enough, past 12 m**

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<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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</table>
There are many reasons people delay getting medical care. Have you delayed getting care for {S.C. name} for any of the following reasons in the PAST 12 MONTHS? ...

Once you get there, {S.C. name} has to wait too long to see the doctor.

Wait too long in doctor's office, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

There are many reasons people delay getting medical care. Have you delayed getting care for {S.C. name} for any of the following reasons in the PAST 12 MONTHS? ...

The clinic/doctor's office wasn't open when you could get there.

Not open when you could go, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
There are many reasons people delay getting medical care. Have you delayed getting care for {S.C. name} for any of the following reasons in the PAST 12 MONTHS? ... You didn't have transportation

 Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')
 Description: Sample children LE 17 years

<table>
<thead>
<tr>
<th>No transportation, past 12 m</th>
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DURING THE PAST 12 MONTHS, was there any time when {S.C. name} NEEDED any of the following, but didn't get it because you couldn't afford it? ... Prescription medicines?

 Universe: CSTATFLG='1' and (AGE LE '001' and AGE NE ' ')
 Description: Sample children LE 1 year

<table>
<thead>
<tr>
<th>Can't afford prescription medicine, past 12 m</th>
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</table>
DURING THE PAST 12 MONTHS, was there any time when [S.C. name] NEEDED any of the following, but didn't get it because you couldn't afford it? ... Prescription medicines?

Universe: CSTATFLG='1' and ('002' <= AGE<= '017')

DURING THE PAST 12 MONTHS, was there any time when [S.C. name] NEEDED any of the following, but didn't get it because you couldn't afford it? ... Mental health care or counseling?

Can't afford prescription medicine, past 12 m

Can't afford mental care/counseling, past 12 m
2008 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Child  
samchild : Child Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 02-Jun-09

Question ID: CAU.135_03.000  
Instrument Variable Name: CHCAFYR1_3  
Final Documentation Name: CHCAFYR3

**DURING THE PAST 12 MONTHS, was there any time when {S.C. name} NEEDED any of the following, but didn't get it because you couldn't afford it? ... Dental care (including check ups)?**

Universe: CSTATEFLG='1' and (002 <= AGE<= 017)

Description: Sample children 2-17 years

Sources: None

Recodes: None

Keywords: dental expense; cost of dental care; oral health

Notes: None

Can't afford dental care, past 12 m

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</table>

Question ID: CAU.135_04.000  
Instrument Variable Name: CHCAFYR1_4  
Final Documentation Name: CHCAFYR4

**DURING THE PAST 12 MONTHS, was there any time when {S.C. name} needed any of the following, but didn't get it because you couldn't afford it? ... Eyeglasses**

Universe: CSTATEFLG='1' and (002 <= AGE<= 017)

Description: Sample children 2-17 years

Sources: None

Recodes: None

Keywords: vision expense; cost of vision care; eye care

Notes: None

Can't afford eyeglasses, past 12 m

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<td>Refused</td>
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<td>Not ascertained</td>
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<td>Don't know</td>
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</table>
**Question ID:** CAU.160_00.000  
**Instrument Variable Name:** CDENLONG  
**Final Documentation Name:** CDNLONGR

About how long has it been since {S.C. name} last saw a dentist? Include all types of dentists, such as orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.

- **Universe:** CSTATFLG='1' and ('001' <= AGE<= '017')
- **Description:** Sample children 1-17 years

### Time since last saw dentist

<table>
<thead>
<tr>
<th>Time Since Last Saw Dentist</th>
<th>Description</th>
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<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>6 months or less</td>
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<tr>
<td>2</td>
<td>More than 6 months, but not more than 1 year ago</td>
</tr>
<tr>
<td>3</td>
<td>More than 1 year, but not more than 2 years ago</td>
</tr>
<tr>
<td>4</td>
<td>More than 2 years, but not more than 5 years ago</td>
</tr>
<tr>
<td>5</td>
<td>More than 5 years ago</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
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<td>7</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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**Question ID:** CAU.170_01.000  
**Instrument Variable Name:** CHCSYR1_2  
**Final Documentation Name:** CHCSYR11

**DURING THE PAST 12 MONTHS,** that is since {12-month ref. date}, has anyone in the family seen or talked to any of the following health care providers about {S.C. name}’s health? ... An optometrist, ophthalmologist, or eye doctor (someone who prescribes eyeglasses)

- **Universe:** CSTATFLG='1' and (AGE LE '001' and AGE NE '')
- **Description:** Sample children LE 1 year

### Seen/talked to eye doctor, past 12 m

<table>
<thead>
<tr>
<th>Seen/talked to eye doctor, past 12 m</th>
<th>Description</th>
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<tr>
<td>1</td>
<td>Yes</td>
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</table>
**Question ID:** CAU.170_02.000  
**Instrument Variable Name:** CHCSYR1_3  
**Final Documentation Name:** CHCSYR12

**DURING THE PAST 12 MONTHS,** that is since {12-month ref. date}, has anyone in the family seen or talked to any of the following health care providers about {S.C. name}’s health? ... A foot doctor

**Universe:** CSTATFLG='1' and (AGE LE '001' and AGE NE ' ')

**Description:** Sample children LE 1 year

**Sources:** None

**Recodes:** None

**Keywords:** doctor visit/contact; medical advice; treatment; podiatrist

**Notes:** None

Seen/talked to foot doctor, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** CAU.170_03.000  
**Instrument Variable Name:** CHCSYR1_5  
**Final Documentation Name:** CHCSYR13

**DURING THE PAST 12 MONTHS,** that is since {12-month ref. date}, has anyone in the family seen or talked to any of the following health care providers about {S.C. name}’s health? ... A physical therapist, speech therapist, respiratory therapist, audiologist, or occupational therapist?

**Universe:** CSTATFLG='1' and (AGE LE '001' and AGE NE ' ')

**Description:** Sample children LE 1 year

**Sources:** None

**Recodes:** None

**Keywords:** doctor visit/contact; medical advice; therapy; PT; OT; RT

**Notes:** None

Seen/talked to therapist (PT/OT/etc), past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

---
Question ID: CAU.170_04.000

DURING THE PAST 12 MONTHS, that is since {12-month ref. date}, has anyone in the family seen or talked to any of the following health care providers about {S.C. name}’s health? ... A nurse practitioner, physician assistant or midwife?

Universe: CSTATFLG='1' and (AGE LE '001' and AGE NE ' ')  
Description: Sample children LE 1 year

Sources: None  
Recodes: None  
Keywords: doctor visit/contact; midwife; nurse; physician assistant  
Notes: None

Seen/talked to a NP/PA, past 12 m

<p>| | |</p>
<table>
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<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: CAU.175_01.000

DURING THE PAST 12 MONTHS, that is since {12-month ref. date}, have you seen or talked to any of the following health care providers about {S.C. name}’s health?... A mental health professional such as a psychiatrist, psychologist, psychiatric nurse, or clinical social worker

Universe: CSTATFLG='1' and ('002' <= AGE <= '017')  
Description: Sample children 2-17 years

Sources: None  
Recodes: None  
Keywords: doctor visit/contact; medical advice; treatment; therapy; counseling  
Notes: None

Seen/talked to mental health professional, past 12 m

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<td>1</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
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2008 NATIONAL HEALTH INTERVIEW SURVEY
Sample Child
samchild : Child Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 02-Jun-09

Question ID: CAU.175_02.000
Instrument Variable Name: CHCSYR_2
Final Documentation Name: CHCSYR2

DURING THE PAST 12 MONTHS, that is since {12-month ref. date}, have you seen or talked to any of the following health care providers about {S.C. name}'s health?... An optometrist, ophthalmologist, or eye doctor (someone who prescribes eyeglasses)

Universe: CSTATFLG='1' and ('002' <= AGE<= '017')
Description: Sample children 2-17 years
Sources: None
Recodes: None
Keywords: doctor visit/contact; medical advice; vision care; eye doctor
Notes: None

Seen/talked to eye doctor, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

Question ID: CAU.175_03.000
Instrument Variable Name: CHCSYR_3
Final Documentation Name: CHCSYR3

DURING THE PAST 12 MONTHS, that is since {12-month ref. date}, have you seen or talked to any of the following health care providers about {S.C. name}'s health?... A foot doctor

Universe: CSTATFLG='1' and ('002' <= AGE<= '017')
Description: Sample children 2-17 years
Sources: None
Recodes: None
Keywords: doctor visit/contact; medical advice; treatment; podiatrist
Notes: None

Seen/talked to foot doctor, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
DURING THE PAST 12 MONTHS, that is since {12-month ref. date}, have you seen or talked to any of the following health care providers about {S.C. name}’s health?... A chiropractor

Universe:  CSTATFLG='1' and (‘002’ <= AGE<= ’017’)

Description:  Sample children 2-17 years

Sources:  None

Keywords:  doctor visit/contact; medical advice; treatment; chiropractor

Notes:  None

Seen/talked to chiropractor, past 12 m

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<tbody>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
<td></td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
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<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>

DURING THE PAST 12 MONTHS, that is since {12-month ref. date}, have you seen or talked to any of the following health care providers about {S.C. name}’s health?... A physical therapist, speech therapist, respiratory therapist, audiologist, or occupational therapist

Universe:  CSTATFLG='1' and (‘002’ <= AGE<= ’017’)

Description:  Sample children 2-17 years

Sources:  None

Keywords:  doctor visit/contact; medical advice; treatment; therapist

Notes:  None

Seen/talked to therapist (PT/OT/etc), past 12 m

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<tbody>
<tr>
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<td></td>
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<tr>
<td>2</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>9</td>
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<td></td>
</tr>
</tbody>
</table>
Question ID: CAU.175_06.000 Instrument Variable Name: CHCSYR_6
Final Documentation Name: CHCSYR6

**DURING THE PAST 12 MONTHS**, that is since {12-month ref. date}, have you seen or talked to any of the following health care providers about {S.C. name}’s health?... A nurse practitioner, physician assistant, or midwife

**Universe:** CSTATFLG='1' and ('002' <= AGE<= '017')

**Description:** Sample children 2-17 years

Sources: None

Recodes: None

Keywords: doctor visit/contact; midwife; nurse; physician assistant

Notes: None

---

**Seen/talked to NP/PA/midwife, past 12 m**

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

---

Question ID: CAU.230_00.000 Instrument Variable Name: CHCSYR7
Final Documentation Name: CHCSYR7

**DURING THE PAST 12 MONTHS**, this is since {12-month ref. date}, have you seen or talked to a doctor who specializes in women’s health (an obstetrician/gynecologist) about {S.C. name}’s health?

**Universe:** CSTATFLG='1' and ('015' <= AGE<= '017') and SEX = '2'

**Description:** Sample female children 15-17 years

Sources: None

Recodes: None

Keywords: doctor visit/contact; treatment; gynecologist; obstetrician

Notes: None

---

**Seen/talked to obstetrician/gynecologist, past 12 m**

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: CAU.240_01.000
Instrument Variable Name: CHCSYR8_1
Final Documentation Name: CHCSYR81

DURING THE PAST 12 MONTHS, that is since {12-month ref. date}, have you seen or talked to the following about {S.C. name}’s health?... A medical doctor who specializes in a particular medical disease or problem (other than obstetrician/gynecologist, psychiatrist or ophthalmologist)?

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children LE 17 years

Sources: None
Recodes: None
Keywords: doctor visit/contact; medical advice; treatment; specialist
Notes: None

Seen/talked to a medical specialist, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: CAU.240_02.000
Instrument Variable Name: CHCSYR8_2
Final Documentation Name: CHCSYR82

DURING THE PAST 12 MONTHS, that is since {12-month ref. date}, have you seen or talked to the following about {S.C. name}’s health?... A general doctor who treats a variety of illnesses (a doctor in general practice, pediatrics, family medicine, or internal medicine)?

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children LE 17 years

Sources: None
Recodes: None
Keywords: doctor visit/contact; general practitioner; internist; family doctor
Notes: None

Seen/talked to a general doctor, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** CAU.260_00.000  
**Instrument Variable Name:** CHCSYR10  
**Final Documentation Name:** CHCSYR10

**Does that doctor treat children and adults (a doctor in general practice or family medicine)?**

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE '') and CHCSYR82 = '1'

**Description:** Sample children LE 17 years who have seen or talked to a general doctor during the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** doctor visit/contact; general practitioner; internist; family doctor

**Notes:** None

**Doctor treats both children and adults**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

---

**Question ID:** CAU.265_00.000  
**Instrument Variable Name:** CHCSYREM  
**Final Documentation Name:** CHCSYREM

**Did you see or talk to this general doctor because of an emotional or behavioral problem that (S.C. name) may have?**

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE '') and CHCSYR82 = '1'

**Description:** Sample children LE 17 years who have seen or talked to a general doctor during the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** general practitioner; emotional problem; behavioral problem

**Notes:** None

**Seen/talked to doctor for emotional/behavioral problem**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
**Question ID:** CAU.270_00.000  
**Instrument Variable Name:** CHPEXYR  
**Final Documentation Name:** CHPXYR_C

**During the past 12 months did {S.C. name} receive a well-child checkup - that is, a general checkup when {he/she} was not sick or injured?**

**Universes:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')  
**Description:** Sample children LE 17 years

**Sources:** None  
**Recodes:** None  
**Keywords:** physical exam; well child check; check-up  
**Notes:** None

Had well-child checkup, past 12 m

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

**Question ID:** CAU.280_00.000  
**Instrument Variable Name:** CHERNOYR  
**Final Documentation Name:** CHERNOY2

**During the past 12 months, how many times has {S.C. name} gone to a hospital emergency room about {his/her} health? (This includes emergency room visits that resulted in a hospital admission.)**

**Universes:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')  
**Description:** Sample children LE 17 years

**Sources:** None  
**Recodes:** None  
**Keywords:** emergency room visit (ER); emergency department visit (ED); critical care  
**Notes:** Answer categories were expanded to show more detail.

# times in ER/ED, past 12 m

00  None  
01  1  
02  2-3  
03  4-5  
04  6-7  
05  8-9  
06  10-12  
07  13-15  
08  16 or more  
97  Refused  
98  Not ascertained  
99  Don't know
Question ID: CAU.290_00.000

Instrument Variable Name: CHCHYR

Final Documentation Name: CHCHYR

DURING THE PAST 12 MONTHS, did {S.C. name} receive care AT HOME from a nurse or other health care professional?

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')  

Description: Sample children LE 17 years

Sources: None

Recodes: None

Keywords: home health visit; treatment; visiting nurse

Notes: None

Received home care from health professional, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: CAU.300_00.000

Instrument Variable Name: CHCHMOYR

Final Documentation Name: CHCHMOYR

DURING THE PAST 12 MONTHS, how many months did {S.C. name} receive care AT HOME from a health care professional?

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and CHCHYR = '1'

Description: Sample children LE 17 years who received home care from health professional during past 12 months

Sources: None

Recodes: None

Keywords: home health visit; treatment; visiting nurse

Notes: None

# of months of home care, past 12 m

01-12 1-12 months
7 97 Refused
7 98 Not ascertained
7 99 Don't know
**Question ID:** CAU.310_00.000  
**Instrument Variable Name:** CHCHNOYR  
**Final Documentation Name:** CHCHNOY2

What was the total number of home visits received for [S.C. name] during [that/those] months?

<table>
<thead>
<tr>
<th>Total number of home visits</th>
</tr>
</thead>
<tbody>
<tr>
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<td>02</td>
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<td>03</td>
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<td>07</td>
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<td>08</td>
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<td>97</td>
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<tr>
<td>98</td>
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<tr>
<td>99</td>
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</tbody>
</table>
DURING THE PAST 12 MONTHS, HOW MANY TIMES has {S.C. name} seen a doctor or other health care professional about {his/her} health at a DOCTOR'S OFFICE, A CLINIC, OR SOME OTHER PLACE? DO NOT INCLUDE TIMES {S.C. name} WAS HOSPITALIZED OVERNIGHT, VISITS TO HOSPITAL EMERGENCY ROOMS, HOME VISITS, TELEPHONE CALLS, OR DENTAL VISITS.

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')

Description: Sample children LE 17 years

Sources: None
Recodes: None
Keywords: doctor visit; office visit
Notes: Answer categories were expanded to show more detail.

Total number of office visits, past 12 m

<table>
<thead>
<tr>
<th>Total</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>01</td>
<td>1</td>
</tr>
<tr>
<td>02</td>
<td>2-3</td>
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<td>03</td>
<td>4-5</td>
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<td>06</td>
<td>10-12</td>
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<tr>
<td>07</td>
<td>13-15</td>
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<tr>
<td>08</td>
<td>16 or more</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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</tbody>
</table>
**Question ID:** CAU.330_00.000  
**Instrument Variable Name:** CSRGYR  
**Final Documentation Name:** CSRGYR

**During the past 12 months** has {S.C. name} had **surgery** or other surgical procedures either as an inpatient or outpatient?

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')

**Description:** Sample children LE 17 years

**Sources:** None

**Recodes:** None

**Keywords:** surgery, surgical care; operation

**Notes:** None

Had surgery/surgical procedure, past 12 m

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
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</table>

**Question ID:** CAU.340_00.000  
**Instrument Variable Name:** CSRGNOYR  
**Final Documentation Name:** RSRGNOYR

Including any times you may have already told me about, **how many different times** has {S.C. name} had surgery **during the past 12 months**?

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and CSRGYR = '1'

**Description:** Sample children LE 17 years who had surgery or surgical procedures during past 12 m

**Sources:** None

**Recodes:** None

**Keywords:** outpatient surgery; surgery; surgical care; operation

**Notes:** None

# of outpatient surgeries, past 12 m

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<tbody>
<tr>
<td>01-94</td>
<td>1-94 times</td>
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<tr>
<td>95</td>
<td>95+ times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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</table>
**Question ID:** CAU.345_00.000
**Instrument Variable Name:** CMDLONG
**Final Documentation Name:** CMDLONGR

**About how long has it been since anyone in the family last saw or talked to a doctor or other health care professional about [S.C. name]'s health? Include doctors seen while [he/she] was a patient in a hospital.**

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')

**Description:** Sample children LE 17 years

**Sources:** None

**Recodes:** None

**Keywords:** doctor visit/contact; medical advice; treatment; health care provider

**Notes:** None

<table>
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<tr>
<th>Time since last seen/talked to health professional</th>
<th>0</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
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<tr>
<td>1</td>
<td>6 months or less</td>
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<tr>
<td>2</td>
<td>More than 6 months, but not more than 1 year ago</td>
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<tr>
<td>3</td>
<td>More than 1 year, but not more than 2 years ago</td>
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<tr>
<td>4</td>
<td>More than 2 years, but not more than 5 years ago</td>
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<tr>
<td>5</td>
<td>More than 5 years ago</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td></td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<td></td>
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<tr>
<td>9</td>
<td>Don't know</td>
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**Question ID:** CAU.350_00.010
**Instrument Variable Name:** CSNLAMP
**Final Documentation Name:** CSNLAMP

**During the PAST 12 MONTHS, has [fill1: SC name] used any of the following indoor tanning devices - a sunlamp, sunbed, or tanning booth EVEN ONE TIME? Do NOT include a spray-on tan.**

**Universe:** HHSTAT4='C' and ('014'<=AGE<='017')

**Description:** Sample children 14-17

**Sources:** None

**Recodes:** None

**Keywords:** tanning; skin cancer

**Notes:** This question was asked previously in 2005.

<table>
<thead>
<tr>
<th>Used indoor tanning device EVEN ONE TIME, past 12 m</th>
<th>1</th>
<th>2</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't Know</td>
<td></td>
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</tbody>
</table>
Question ID: CAU.350_00.020

During the PAST 12 MONTHS, how many times has [fill: SC name] used the following indoor tanning devices - a sunlamp, sunbed, or tanning booth? Do NOT include times [fill: SC name] has gotten a spray-on tan.

Universe: HHSTAT4='C' and (014<=AGE<=017) and CSNLAMP(e)='1'

Description: Sample children 14-17 who have used an indoor tanning device in the past 12 months

Sources: None
Recodes: None
Keywords: tanning; skin cancer
Notes: This question was asked previously in 2005.

# times used indoor tanning device, past 12 m

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>001-365</td>
<td>Number of tans</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: COH.010_00.000

How would you describe the condition of [fill: S.C. name]'s mouth and teeth? Would you say very good, good, fair or poor?

Universe: CSTATFLG = '1' and (AGE '017' and AGE NE '')

Description: Sample children <18

Sources: None
Recodes: None
Keywords: oral, dental, teeth, mouth
Notes: None

Description of condition of mouth and teeth

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very good</td>
</tr>
<tr>
<td>2</td>
<td>Good</td>
</tr>
<tr>
<td>3</td>
<td>Fair</td>
</tr>
<tr>
<td>4</td>
<td>Poor</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** COH.020_00.000  
**Instrument Variable Name:** COBTWS  
**Final Documentation Name:** COBTWS

**Would you say the condition of [fill: SC name]'s mouth and teeth is better than, the same as or not as good as other people [fill: her or his] age?**

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')

**Description:** Sample children <18

**Sources:** None  
**Recodes:** None  
**Keywords:** oral, dental, teeth, mouth  
**Notes:** None

Condition of mouth and teeth compared to others same age

<p>| | | | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Better</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Same</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Not as good</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Question ID:** COH.030_00.000  
**Instrument Variable Name:** COEMB  
**Final Documentation Name:** COEMB

**DURING THE PAST 6 MONTHS, how often was [fill: she/he] self-conscious or embarrassed because of [fill: her/his] teeth or mouth? Would you say often, sometimes, rarely or never?**

**Universe:** CSTATFLG = '1' and ('005' <= AGE <= '017')

**Description:** Sample children 5-17

**Sources:** None  
**Recodes:** None  
**Keywords:** oral, dental, teeth, mouth  
**Notes:** None

Self-conscious or embarrassed because of teeth or mouth, past 6 m.

<p>| | | | |</p>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Often</td>
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<tr>
<td>2</td>
<td>Sometimes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Rarely</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Never</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td></td>
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<td>8</td>
<td>Not ascertained</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Question ID: COH.040_01.000

Instrument Variable Name: COREAS_1

Final Documentation Name: COREAS_1

Please tell me how many hours of school [fill: SC name] has missed IN THE PAST 6 MONTHS for each one.

...For emergency dental care where [fill: SC name] saw the dentist within 24 hours or as soon as was possible

*If [SC name] did not miss any school enter '1'

Universe: CSTATFLG = '1' and ('005' <= AGE <= '017') and CDNLONGR='1'

Description: Sample children 5-17, seen a dentist, past 6 mos

Sources: None

Recodes: None

Keywords: oral, dental, teeth, emergency

Notes: None

Hours school missed for emergency dental care, past 6 m.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>01</td>
<td>None to less than 1 hour</td>
</tr>
<tr>
<td>02</td>
<td>1 hour, less than 3 hours</td>
</tr>
<tr>
<td>03</td>
<td>3 hours, less than 5 hours</td>
</tr>
<tr>
<td>04</td>
<td>5 hours, less than 7 hours</td>
</tr>
<tr>
<td>05</td>
<td>7 or more hours</td>
</tr>
<tr>
<td>06</td>
<td>Doesn't go to school</td>
</tr>
<tr>
<td>07</td>
<td>Did not have this type of dental care</td>
</tr>
<tr>
<td>08</td>
<td>Refused</td>
</tr>
<tr>
<td>09</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Please tell me how many hours of school [fill: SC name] has missed IN THE PAST 6 MONTHS for each one.

...For planned routine dental or orthodontic care

*If [SC name] did not miss any school enter '1'.
*Probe if necessary.

Universe: CSTATFLG = '1' and ('005' <= AGE <= '017') and CDNLONGR = '1'

Description: Sample children 5-17, seen a dentist, past 6 mos

Sources: None
Recodes: None
Keywords: oral, dental, teeth, orthodontia, braces
Notes: None

Hours school missed for planned routine dental or orthodontic care, past 6 m.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>None to less than 1 hour</td>
</tr>
<tr>
<td>02</td>
<td>1 hour, less than 3 hours</td>
</tr>
<tr>
<td>03</td>
<td>3 hours, less than 5 hours</td>
</tr>
<tr>
<td>04</td>
<td>5 hours, less than 7 hours</td>
</tr>
<tr>
<td>05</td>
<td>7 or more hours</td>
</tr>
<tr>
<td>06</td>
<td>Doesn't go to school</td>
</tr>
<tr>
<td>07</td>
<td>Did not have this type of dental care</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: COH.040_03.000
Instrument Variable Name: COREAS_3
Final Documentation Name: COREAS_3

Please tell me how many hours of school [fill: SC name] has missed IN THE PAST 6 MONTHS for each one.

...For tooth whitening or other cosmetic procedures

*If [SC name] did not miss any school enter '1'.
*Probe if necessary.

Universe: CSTATFLG = '1' and ('005' <= AGE <= '017') and CDNLongR = '1'
Description: Sample children 5-17, seen a dentist, past 6 mos

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>None or less than 1 hour</td>
</tr>
<tr>
<td>02</td>
<td>1 hour, less than 3 hours</td>
</tr>
<tr>
<td>03</td>
<td>3 hours, less than 5 hours</td>
</tr>
<tr>
<td>04</td>
<td>5 hours, less than 7 hours</td>
</tr>
<tr>
<td>05</td>
<td>7 or more hours</td>
</tr>
<tr>
<td>06</td>
<td>Doesn't go to school</td>
</tr>
<tr>
<td>07</td>
<td>did not have this type of dental care</td>
</tr>
<tr>
<td>08</td>
<td>Refused</td>
</tr>
<tr>
<td>09</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Please tell me how many hours of school [fill: SC name] has missed IN THE PAST 6 MONTHS.

...For taking someone else to a dental appointment

*If [SC name] did not miss any school enter '1'.
*Probe if necessary.

Universe: CSTATFLG = '1' and ('016' <= AGE <= '017')

Description: Sample children 16-17

Hours school missed for taking someone else to a dental appointment, past 6 m.

01 None or less than 1 hour
02 1 hour, less than 3 hours
03 3 hours, less than 5 hours
04 5 hours, less than 7 hours
05 7 or more hours
06 Doesn't go to school
07 Did not have this type of dental care
07 Refused
08 Not ascertained
09 Don't know
2008 NATIONAL HEALTH INTERVIEW SURVEY
Sample Child
samchild : Child Oral Health
PUBLIC USE
Document Version Date: 02-Jun-09

Question ID: COH.050_01.000
Instrument Variable Name: COPROB_01
Final Documentation Name: CPROB_01

DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems? Please say yes or no to each.

...A toothache or sensitive teeth

* Read if necessary. Do not include pain from getting new teeth (teething pain).

Universe: CSTATFLG = '1' and ('001' <= AGE <= '017')

Description: Sample children 1-17

Sources: None
Recodes: None
Keywords: oral, dental, teeth, toothache, sensitivity
Notes: None

Problem with toothache or sensitive teeth, past 6 m.

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td></td>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: COH.050_02.000
Instrument Variable Name: COPROB_02
Final Documentation Name: CPROB_02

DURING THE PAST 6 MONTHS, has [fill: S.C. name] had any of the following problems? Please say yes or no to each.

...Pain in [fill: her/his] jaw joint

Universe: CSTATFLG = '1' and (AGE '017' and AGE '017')

Description: Sample children <18

Sources: None
Recodes: None
Keywords: oral, dental, teeth, TMJ
Notes: None

Problem with pain in jaw joint, past 6 m.

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: COH.050_03.000

| Instrument Variable Name: COPROB_03 | Final Documentation Name: CPROB_03 |

**DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems? Please say yes or no to each.**

...Sores in [fill: her/his] mouth

| Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE '') |
| Description: Sample children <18 |

| Sources: None |
| Recodes: None |
| Keywords: oral, dental, teeth, mouth |
| Notes: None |

Problem with sores in mouth, past 6 m.

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

### Question ID: COH.050_04.000

| Instrument Variable Name: COPROB_04 | Final Documentation Name: CPROB_04 |

**DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems? Please say yes or no to each.**

...Bleeding gums

| Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE '') |
| Description: Sample children <18 |

| Sources: None |
| Recodes: None |
| Keywords: oral, dental, teeth, gums |
| Notes: None |

Problem with bleeding gums, past 6 m.

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
### Question ID: COH.050_05.000

**Instrument Variable Name:** COPROB_05  
**Final Documentation Name:** CPROB_05

**DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems?**  
**Please say yes or no to each.**

**...Crooked teeth**

**Universe:** CSTATFLG = '1' and ('001' <= AGE <= '017')  
**Description:** Sample children 1-17

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

### Question ID: COH.050_06.000

**Instrument Variable Name:** COPROB_06  
**Final Documentation Name:** CPROB_06

**DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems?**  
**Please say yes or no to each.**

**...Broken or missing teeth other than losing baby teeth**

**Universe:** CSTATFLG = '1' and ('001' <= AGE <= '017')  
**Description:** Sample children 1-17

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
### Stained or discolored teeth

**Universe:** CSTATFLG = '1' and ('001' <= AGE <= '017')

**Description:** Sample children 1-17

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

### Loose teeth not due to an injury or losing baby teeth

**Universe:** CSTATFLG = '1' and ('001' <= AGE <= '017')

**Description:** Sample children 1-17

<p>| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |</p>
<table>
<thead>
<tr>
<th>Question ID: COH.050_09.000</th>
<th>Instrument Variable Name: COPROB_09</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name: CPROB_09</td>
<td></td>
</tr>
</tbody>
</table>

**DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems? Please say yes or no to each.**

...Decayed teeth or cavities

| Universe: CSTATFLG = '1' and ('001' <= AGE <= '017') |
|----------|---------------------------------------------|
| Description: Sample children 1-17 |
| Sources: None |
| Recodes: None |
| Keywords: oral, dental, teeth, cavity, cavities |

Notes: None

Problem with decayed teeth or cavities, past 6 m.

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

<table>
<thead>
<tr>
<th>Question ID: COH.050_10.000</th>
<th>Instrument Variable Name: COPROB_10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name: CPROB_10</td>
<td></td>
</tr>
</tbody>
</table>

**DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems? Please say yes or no to each.**

...Broken or missing fillings

| Universe: CSTATFLG = '1' and ('001' <= AGE <= '017') |
|----------|---------------------------------------------|
| Description: Sample children 1-17 |
| Sources: None |
| Recodes: None |
| Keywords: oral, dental, teeth, fillings |

Notes: None

Problem with broken or missing fillings, past 6 m.

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2008 NATIONAL HEALTH INTERVIEW SURVEY
Sample Child
samchild : Child Oral Health
PUBLIC USE
Document Version Date: 02-Jun-09

Question ID: COH.050_11.000
Instrument Variable Name: COPROB_11
Final Documentation Name: CPROB_11

DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems? Please say yes or no to each.

...Bad breath

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children <18

Sources: None
Recodes: None
Keywords: oral, dental, teeth, bad breath, halitosis
Notes: None

Problem with bad breath, past 6 m.
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: COH.050_12.000
Instrument Variable Name: COPROB_12
Final Documentation Name: CPROB_12

DURING THE PAST 6 MONTHS, has [fill S.C. name] had any of the following problems? Please say yes or no to each.

...Dry mouth

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ')
Description: Sample children <18

Sources: None
Recodes: None
Keywords: oral, dental, teeth, dry mouth
Notes: None

Problem with dry mouth, past 6 m.
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** COH.060_00.000  
**Instrument Variable Name:** CODENT1  
**Final Documentation Name:** CODENT1

**During the past 6 months** did [fill S.C. name] see a dentist or a medical doctor for any of the problems with [fill: her or his] mouth or teeth?

*Read if necessary: Include all types of dentists such as orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.*

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and [COPROB_01 = '1' or COPROB_02 = '1' or COPROB_03 = '1' or COPROB_04 = '1' or COPROB_05 = '1' or COPROB_06 = '1' or COPROB_07 = '1' or COPROB_08 = '1' or COPROB_09 = '1' or COPROB_10 = '1' or COPROB_11 = '1' or COPROB_12 = '1']

**Description:** Sample children <18 have at least one problem mouth or teeth

**Sources:** None  
**Recodes:** None  
**Keywords:** oral, dental, teeth, dentist, mouth  
**Notes:** None

Saw either dentist or medical doctor for dental problems, past 6 m.  

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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** COH.070_00.000  
**Instrument Variable Name:** CODENT2  
**Final Documentation Name:** CODENT2

**Which one did [fill S.C. name] see - a dentist or a medical doctor?**

*Code as dentist: orthodontists, oral surgeons, and all other dental specialists, as well as dental hygienists.*

**Universe:** CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and CODENT1 = '1'

**Description:** Sample children <18 who have seen a doctor or dentist for mouth or teeth problem

**Sources:** None  
**Recodes:** None  
**Keywords:** oral, dental, teeth, dentist  
**Notes:** None

Which one seen, a dentist or a medical doctor, past 6 m.  

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dentist</td>
</tr>
<tr>
<td>2</td>
<td>Medical doctor</td>
</tr>
<tr>
<td>3</td>
<td>Both</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2008 NATIONAL HEALTH INTERVIEW SURVEY
Sample Child
samchild : Child Oral Health
PUBLIC USE

Question ID: COH.080_01.000  Instrument Variable Name: CONODEN_1
Final Documentation Name: CNODEN_1

DURING THE PAST 6 MONTHS, why didn't [fill: SC name] see a dentist for the problems with [fill: his/her] mouth or teeth? Please say yes or no to each.

...You didn't think it was important

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CODENT2='2' or CODENT1='2')
Description: Sample children <18 didn't see a dentist for problem with mouth or teeth

Sources: None
Recodes: None
Keywords: oral, dental, teeth, mouth
Notes: None

Not important to see dentist for problem, past 6 m.

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: COH.080_02.000  Instrument Variable Name: CONODEN_2
Final Documentation Name: CNODEN_2

DURING THE PAST 6 MONTHS, why didn't [fill: SC name] see a dentist for the problems with [fill: his/her] mouth or teeth? Please say yes or no to each.

...The problem went away

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CODENT2='2' or CODENT1='2')
Description: Sample children <18 didn't see a dentist for problem with mouth or teeth

Sources: None
Recodes: None
Keywords: oral, dental, teeth, mouth
Notes: None

Dental problem went away, past 6 m.

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 6 MONTHS, why didn't [fill: SC name] see a dentist for the problems with [fill: his/her] mouth or teeth? Please say yes or no to each.

...You couldn't afford treatments or [fill S.C. name] didn't have insurance

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CODENT2='2' or CODENT1='2')

Description: Sample children <18 didn't see a dentist for problem with mouth or teeth

Sources: None

Recodes: None

Keywords: oral, dental, teeth, mouth, insurance

Notes: None

Couldn't afford/no insurance for dental problem, past 6 m.

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

DURING THE PAST 6 MONTHS, why didn't [fill: SC name] see a dentist for the problems with [fill: his/her] mouth or teeth? Please say yes or no to each.

...No transportation was available

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CODENT2='2' or CODENT1='2')

Description: Sample children <18 didn't see a dentist for problem with mouth or teeth

Sources: None

Recodes: None

Keywords: oral, dental, teeth, mouth, transportation

Notes: None

No transportation to dentist, past 6 m.

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
During the past 6 months, why didn't [fill: SC name] see a dentist for the problems with [fill: his/her] mouth or teeth? Please say yes or no to each.

...[fill S. C. name] was afraid to see a dentist

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CODENT2='2' or CODENT1='2')

Description: Sample children <18 didn't see a dentist for problem with mouth or teeth

Sources: None
Recodes: None
Keywords: oral, dental, teeth, mouth
Notes: None

Afraid to see a dentist for problem, past 6 m.
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Waiting for dental appointment, past 6 m.
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 6 MONTHS, why didn't [fill: SC name] see a dentist for the problems with [fill: his/her] mouth or teeth? Please say yes or no to each.

...You didn’t think a dentist could fix the problem

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and (CODENT2='2' or CODENT1='2')

Description: Sample children <18 didn't see a dentist for problem with mouth or teeth

Sources: None
Recodes: None
Keywords: oral, dental, teeth, mouth
Notes: None

Didn't think dentist could fix problem, past 6 m.

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Did the problems with [fill S. C. name]'s mouth or teeth interfere with any of the following? Please say yes or no to each.

...School or school activities

Universe: CSTATFLG = '1' and ('005' <= AGE <= '017') and [COPROB_01 =1' or COPROB_02 =1' or COPROB_03 =1' or COPROB_04 =1' or COPROB_05 =1' or COPROB_06 =1' or COPROB_07 =1' or COPROB_08 =1' or COPROB_09 =1' or COPROB_10 =1' or COPROB_11 =1' or COPROB_12 =1']

Description: Sample children 5-17 who have at least one problem with mouth or teeth

Sources: None
Recodes: None
Keywords: oral, dental, teeth, mouth
Notes: None

Dental problem interfered with school or school activities

1 Yes
2 No
3 Doesn't go to school
7 Refused
8 Not ascertained
9 Don't know
Did the problems with [fill S. C. name]'s mouth or teeth interfere with any of the following? Please say yes or no to each.

**...Work**

Universe: $\text{CSTATFLG} = '1' \land (\text{'014' \leq \text{AGE} \leq '017'}) \land (\text{COPROB}_01 = '1' \lor \text{COPROB}_02 = '1' \lor \text{COPROB}_03 = '1' \lor \text{COPROB}_04 = '1' \lor \text{COPROB}_05 = '1' \lor \text{COPROB}_06 = '1' \lor \text{COPROB}_07 = '1' \lor \text{COPROB}_08 = '1' \lor \text{COPROB}_09 = '1' \lor \text{COPROB}_10 = '1' \lor \text{COPROB}_11 = '1' \lor \text{COPROB}_12 = '1$]

Description: Sample children 14-17 who have at least one problem with mouth or teeth

**Dental problem interfered with work**

1. Yes
2. No
3. Doesn't work
7. Refused
8. Not ascertained
9. Don't know

---

Did the problems with [fill S. C. name]'s mouth or teeth interfere with any of the following? Please say yes or no to each.

**...Eating**

Universe: $\text{CSTATFLG} = '1' \land (\text{AGE} \leq '017') \land (\text{AGE} \neq ' ') \land (\text{COPROB}_01 = '1' \lor \text{COPROB}_02 = '1' \lor \text{COPROB}_03 = '1' \lor \text{COPROB}_04 = '1' \lor \text{COPROB}_05 = '1' \lor \text{COPROB}_06 = '1' \lor \text{COPROB}_07 = '1' \lor \text{COPROB}_08 = '1' \lor \text{COPROB}_09 = '1' \lor \text{COPROB}_10 = '1' \lor \text{COPROB}_11 = '1' \lor \text{COPROB}_12 = '1$]

Description: Sample children <18 who have at least one problem with mouth or teeth

**Dental problem interfered with eating**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Did the problems with [fill S. C. name]'s mouth or teeth interfere with any of the following? Please say yes or no to each.

**Sleeping**

Universe: 
CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and [COPROB_01 =1' or COPROB_02 =1' or COPROB_03 =1' or COPROB_04 =1' or COPROB_05 =1' or COPROB_06 =1' or COPROB_07 =1' or COPROB_08 =1' or COPROB_09 =1' or COPROB_10 =1' or COPROB_11 =1' or COPROB_12 =1']

Description: Sample children <18 who have at least one problem with mouth or teeth

<table>
<thead>
<tr>
<th>Dental problem interfered with sleeping</th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>

**Social activities such as going out or being with other people**

Universe: 
CSTATFLG = '1' and (AGE LE '017' and AGE NE ' ') and [COPROB_01 =1' or COPROB_02 =1' or COPROB_03 =1' or COPROB_04 =1' or COPROB_05 =1' or COPROB_06 =1' or COPROB_07 =1' or COPROB_08 =1' or COPROB_09 =1' or COPROB_10 =1' or COPROB_11 =1' or COPROB_12 =1']

Description: Sample children <18 who have at least one problem with mouth or teeth

<table>
<thead>
<tr>
<th>Dental problem interfered with social activities</th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: COH.090_06.000  Instrument Variable Name: COINT_6
Final Documentation Name: COINT_6

Did the problems with [fill S. C. name]'s mouth or teeth interfere with any of the following? Please say yes or no to each.

...[fill S. C. name]'s usual activities at home

Universe: CSTATFLG = '1' and (AGE LE '017' and AGE NE '') and [COPROB_01 = '1' or COPROB_02 = '1' or COPROB_03 = '1' or COPROB_04 = '1' or COPROB_05 = '1' or COPROB_06 = '1' or COPROB_07 = '1' or COPROB_08 = '1' or COPROB_09 = '1' or COPROB_10 = '1' or COPROB_11 = '1' or COPROB_12 = '1']

Description: Sample children <18 who have at least one problem with mouth or teeth

Sources: None
Recodes: None
Keywords: oral, dental, teeth, mouth
Notes: None

Dental problem interfered with usual activities at home

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: CMB.030_00.000   R06 RECODE   Instrument Variable Name:
   Final Documentation Name: RSCL6

Overall, do you think that {S.C. name} has difficulties in any of the following areas: emotions, concentration, behavior, or being able to get along with other people?

Universe: CSTATFLG = '1' and ('004' <= AGE <= '017')

Description: Sample children 4-17 years

Sources:
Recodes:
Keywords: considerate; tactful; thoughtful
Notes: This question is a part of the short version of the Strengths and Difficulties Questionnaire Extended (SDQ), and is copyrighted by Dr. Robert Goodman, Ph. D. of the Psychiatric Institute of London, England. State and local agencies may use these questions without charge or permission providing the wording is not modified, all questions are retained, and copyright is acknowledged. See questionnaire for original question format. For more information about the background and scoring of this scale, see the CMB Appendix.

In 2004 this variable was located in the CMH section. The questions and answer codes have remained the same as in the 2004 final file, however, the section name and question numbers have changed.

In 2007 all other SDQ questions were removed from the NHIS because of lack of funding.

Difficulties w/emotions/concentration/behavior/getting along

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<tr>
<td>0</td>
<td>No</td>
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<tr>
<td>1</td>
<td>Yes, minor difficulties</td>
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<td>2</td>
<td>Yes, definite difficulties</td>
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<tr>
<td>3</td>
<td>Yes, severe difficulties</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</table>
DURING THE PAST 12 MONTHS, has {fill1: SC name} had a flu shot?  A flu shot is usually given in the Fall and protects against influenza for the flu season.

Universe:  
CSTATFLG='1' and (AGE LE '017' and AGE NE ')

Description:  Sample children LE 17 years

Sources:

Recodes:

Keywords:  access; source; flu; flu shot; flu vaccine; influenza

Notes:

Flu shot past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
<table>
<thead>
<tr>
<th>Month</th>
<th>Description</th>
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<tbody>
<tr>
<td>01 January</td>
<td>January</td>
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<tr>
<td>02 February</td>
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<td>03 March</td>
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<td>04 April</td>
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<td>05 May</td>
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<td>06 June</td>
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<td>09 September</td>
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<td>10 October</td>
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<td>11 November</td>
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<tr>
<td>12 December</td>
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<tr>
<td>97 Refused</td>
<td></td>
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<tr>
<td>98 Not ascertained</td>
<td></td>
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<tr>
<td>99 Don't know</td>
<td></td>
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</tbody>
</table>
2 of 2

*Enter year of most recent flu shot.

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and CSHFLUYR='1'

**Description:** Sample children LE 17 who have had a flu shot

---

**Question ID:** CFL015_02.000

**Instrument Variable Name:** CSHFLU_Y

**Final Documentation Name:** CSHFLU_Y

---

**DURING THE PAST 12 MONTHS, has {fill1: SC name} had a flu vaccine sprayed in {fill2: his/her} nose by a doctor or other health professional? This vaccine is usually given in the Fall and protects against influenza for the flu season.**

**Universe:** CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')

**Description:** Sample children LE 17 years

---

**Question ID:** CFL020_00.000

**Instrument Variable Name:** CSPFLUYR

**Final Documentation Name:** CSPFLUYR

---

**Flu nasal spray past 12 m**

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<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
During what month and year did {fill1: SC name} receive {fill2: his/her} most recent flu nasal spray?

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ')and CSPFLUYR='1'

Description: Sample children LE 17 who have had a flu nasal vaccine

Sources:
Recodes:
Keywords: access; source; flu; flu vaccine spray; flu mist; influenza
Notes:

Month of most recent flu nasal vaccine

01 January
02 February
03 March
04 April
05 May
06 June
07 July
08 August
09 September
10 October
11 November
12 December
97 Refused
98 Not ascertained
99 Don't know
2 of 2
*Enter year of most recent flu nasal spray.

**Question ID:** CFI.025_02.000

**Instrument Variable Name:** CSPFLU_Y

**Final Documentation Name:** CSPFLU_Y

Universe: CSTATFLG='1' and (AGE LE '017' and AGE NE ' ') and CSPFLUYR='1'

Description: Sample children LE 17 who have had a flu nasal vaccine

**Sources:**

**Recodes:**

**Keywords:** access; source; flu; flu vaccine spray; flu mist; influenza

**Notes:**

Year of most recent flu nasal vaccine

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
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<tbody>
<tr>
<td>9997</td>
<td>Refused</td>
</tr>
<tr>
<td>9998</td>
<td>Not ascertained</td>
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<tr>
<td>9999</td>
<td>Don't know</td>
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</tbody>
</table>

**Question ID:** CHP.010_00.000

**Instrument Variable Name:** CHPVHRD

**Final Documentation Name:** CHPVHRD

A vaccine to prevent the human papillomavirus (pap-uh-LOW-muh-vi-rus) or HPV infection is available and is called the HPV shot, cervical cancer vaccine, or GARDASIL®. Before this survey, have you ever heard of the HPV shot or cervical cancer vaccine?

**Universe:** CSTATFLG = '1' and ('008'<=AGE<='017') and SEX = '2'

**Description:** Female sample children 8+

**Sources:** None

**Recodes:** None

**Keywords:** HPV, GARDASIL, cervical cancer

**Notes:** None

Ever heard of vaccine for cervical cancer

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<th>Description</th>
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<td>1</td>
<td>Yes</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Did [fill: SC name] ever receive the HPV shot or cervical cancer vaccine?

Universe: CSTATFLG = '1' and (008<=AGE<=017) and SEX = '2'
Description: Female sample children 8+

Sources: None
Recodes: None
Keywords: HPV, cervical cancer
Notes: None

Number of HPV shots received

01-50  1-50 shots
96  All shots
97  Refused
98  Not ascertained
99  Don't know
If [fill: SC name]'s doctor recommended the HPV vaccine, would you have her get it?

Universe: CSTATFLG = '1' and (008<=AGE<=017) and SEX = '2' and CSHTHPV IN (2,7,9)

Description: Female sample children 8+ who have not received an HPV vaccine or shot or refused to say/said don't know if received vaccine or shot

Sources: None

Recodes: None

Keywords: HPV, cervical cancer

Notes: None

Get HPV shot if recommended

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
What is the MAIN reason you would NOT want [fill: SC name] to get the vaccine?

Universe: CSTATFLG = '1' and (008<=AGE<=017) and SEX = '2' and CHPVREC IN (2,9)

Description: Female sample children 8+ who would not get the HPV vaccine if her doctor recommended it or who said don't know to this information

Sources: None

Recodes: None

Keywords: HPV, cervical cancer

Notes: None

Main reason why SC would not receive HPV vaccine

01 Does not need vaccine
02 Not sexually active
03 Too expensive
04 Too young for vaccine
05 Doctor didn't recommend it
06 Worried about safety of vaccine
07 Don't know where to get vaccine
08 My spouse/family member is against it
09 Don't know enough about vaccine
10 Already has HPV
11 Other
97 Refused
98 Not ascertained
99 Don't know
### Question ID: CHP.060_00.000

**Instrument Variable Name:** CHPVCOST  
**Final Documentation Name:** CHPVCOST

The cost of the vaccine may be about $360-$500. Would you have [fill: SC name] get the vaccine if you had to pay this amount?

**Universe:** 
CSTATFLG = '1' and ('008'<=AGE<='017') and SEX = '2' and CHPVREC='1'

**Description:** Female sample children age 8+ whose respondent would be interested in getting the HPV vaccine for her

**Sources:** None  
**Recodes:** None  
**Keywords:** HPV, cervical cancer  
**Notes:** None

Get HPV vaccine if cost was $360-$500

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<td>Yes</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</table>

### Question ID: CHP.070_00.000

**Instrument Variable Name:** CHPVLOC  
**Final Documentation Name:** CHPVLOC

If [fill: SC name] could get the vaccine free or at a much lower cost, would you have her get it?

**Universe:** 
CSTATFLG = '1' and ('008'<=AGE<='017') and SEX = '2' and (CHPVCOST='2' or CHPVNOT='03')

**Description:** Female sample children age 8+ whose respondent would not pay $360-$500 for the HPV vaccine or for whom the main reason not to get the vaccine was because it was too expensive

**Sources:** None  
**Recodes:** None  
**Keywords:** HPV, cervical cancer  
**Notes:** None

Would SC get HPV vaccine if it were free/at a lower cost

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<td>No</td>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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CHS Appendix

A Preliminary Evaluation and Recommendations for use of the Mental Health Indicator (MHI) in the NHIS for children ages 2 to 3

This is based on from a report by Thomas M. Achenbach, Ph.D., which was submitted to the Division of Health Interview Statistics on May 10, 1999.

Introduction

The NHIS mental health indicators, MHIBOY2 and MHIGRL2 are located in the Child Health Status (CHS) section of the survey, and are based on items from the Child Behavior Checklist (CBCL) that were identified by Dr. Thomas Achenbach as providing the best discrimination between demographically similar children referred for mental health services versus nonreferred (Achenbach and Edelbrock, 1983). To take account of gender and age differences in the discriminative power of particular items, the items were selected separately for each gender and age group. From the original ten items identified in Dr. Achenbach’s 1995 analyses, the 1997 NHIS elected to include only 4 items (per gender). These include whether male sample children (aged 2-3 years) had been uncooperative, had trouble sleeping, had speech problems, or been unhappy or depressed in the past 2 months, and whether female sample children (aged 2-3 years) had temper tantrums, had speech problems, had been nervous or high-strung, or been unhappy or depressed in the past 2 months. Response categories included “Not true”, “Sometimes true”, or “Often true” (as well as “Refused” and “Don’t know”). These items are also located in the CHS section (see CHS.321_01-03.000 and CHS.361_01-03.000).

It is essential to note that such a small set of items cannot be used to evaluate individual children for clinical or other purposes. Even for use as a mental health indicator in large surveys such as the NHIS, very small sets of items can serve only as approximate indicators of needs for mental health services. Multiple items tapping each of several specific areas of functioning would be needed to identify specific disorders, such as Attention Deficit Hyperactivity Disorder (ADHD), Depression, Conduct Disorder, and Somatization Disorder. (Note: The items for children ages 4 to 17 were replaced in the 2001 NHIS with a different instrument, the Strengths and Difficulties Questionnaire (SDQ). The SDQ is described in the CMB Appendix).

It should also be noted that different cutpoints on the distributions of item scores may be needed for different purposes. For example, a very low cutpoint may be useful if the goal is to identify every possible case for which mental health services might be considered. However, very low cutpoints result in relatively high false positive rates, i.e., the inclusion of substantial numbers of healthy individuals among those identified as potentially needing services. Conversely, higher cutpoints may yield greater overall accuracy in classifying potential cases versus noncases, but at the cost of missing more cases potentially needing services.
Data Analyses

Dr. Achenbach specified and reviewed data analyses that were done at NCHS. These included tabulations of specific responses to each behavioral/emotional problem item; tabulations of relations between total problem scores and classification of children as deviant versus nondeviant on the basis of external criteria (e.g., parents ever being told by health professionals that their child had ADHD, mental retardation, other developmental delay, autism, down syndrome, or a learning disability; parents having talked to mental health professionals about their child in the preceding 12 months; or parents needing mental health services for their child but unable to afford it); and Relative Operating Characteristic (ROC) analyses of cutpoints on the total problem scores. Because each behavioral/emotional problem item was scored “0” (not true of the child), “1” (somewhat or sometimes true), or “2” (very true or often true), total scores across the 4 items for each gender/age group could range from “0” to “8.” Dr. Achenbach examined the results and recommended changes and additions to the analyses.

Based on the analyses to date, Dr. Achenbach makes the following recommendations for boys and girls ages 2-3. Total scores on the 8 problem items are useful for quantitative analyses in relation to other variables. However, categorical mental health indicators should not be derived from specific cutpoints on the total scores for the 4 behavioral/emotional problem items on the basis of 1997 NHIS data for ages 2-3 for the following reasons:

The total number of children, 44 boys and 27 girls, classified as deviant according to external criteria (e.g., parents being told their child had ADHD; talking to mental health professionals about their child) was too small to provide a sound basis for establishing cutpoints;

Many disorders relevant to defining criterion groups (e.g., ADHD) are not identified as early as age 2-3;

The rates of referral for mental health services and other possible indicators of deviance are much lower at ages 2-3 than at older ages.