## 2012 NATIONAL HEALTH INTERVIEW SURVEY

### Sample Adult

**samadult**: Identification Fields

PUBLIC USE

Document Version Date: 24-May-13

### Question ID: IDN.000_00.000

Instrument Variable Name: RECTYPE

### Record Type

**Universe:**

**Description:**

Sources: None

Recodes: None

Keywords: None

Notes: None

### File type identifier

<table>
<thead>
<tr>
<th>File Type Identifier</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>Household</td>
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<tr>
<td>20</td>
<td>Person</td>
</tr>
<tr>
<td>25</td>
<td>Income Imputation</td>
</tr>
<tr>
<td>30</td>
<td>Sample Adult</td>
</tr>
<tr>
<td>31</td>
<td>Sample Adult Cancer</td>
</tr>
<tr>
<td>34</td>
<td>Adult Alternative Medicine</td>
</tr>
<tr>
<td>38</td>
<td>Functioning and Disability</td>
</tr>
<tr>
<td>39</td>
<td>Adult Disability Questions Test</td>
</tr>
<tr>
<td>40</td>
<td>Sample Child</td>
</tr>
<tr>
<td>44</td>
<td>Child Alternative Medicine</td>
</tr>
<tr>
<td>49</td>
<td>Child Disability Questions Test</td>
</tr>
<tr>
<td>60</td>
<td>Family</td>
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<tr>
<td>63</td>
<td>Family Disability Questions Test</td>
</tr>
<tr>
<td>65</td>
<td>Paradata</td>
</tr>
<tr>
<td>70</td>
<td>Injury/Poisoning Episode</td>
</tr>
<tr>
<td>75</td>
<td>Injury/Poisoning Verbatim</td>
</tr>
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</table>

### Question ID: IDN.000_02.000

Instrument Variable 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>
</table>

---
### Household Number

**Question ID:** IDN.000_04.000  
**Instrument Variable Name:**  
**Final Documentation Name:** HHX

**Universe:** All households  
**Description:** Use this variable in combination with SRVY_YR to identify individual households.

### Interview Quarter

**Question ID:** IDN.000_25.000  
**Instrument Variable Name:**  
**Final Documentation Name:** IINTV_QRT

**Universe:** All households  
**Description:** None

<table>
<thead>
<tr>
<th>Quarter</th>
</tr>
</thead>
</table>
| 1       | Quarter 1  
| 2       | Quarter 2  
| 3       | Quarter 3  
| 4       | Quarter 4  

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None
### Interview Month

**Universe:** All households

**Description:**

<table>
<thead>
<tr>
<th>Sources</th>
<th>Recodes</th>
<th>Keywords</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>interview month</td>
<td>None</td>
</tr>
</tbody>
</table>

**Interview Month**

| 01 | January |
| 02 | February |
| 03 | March |
| 04 | April |
| 05 | May |
| 06 | June |
| 07 | July |
| 08 | August |
| 09 | September |
| 10 | October |
| 11 | November |
| 12 | December |

### Family Number

**Universe:** All families

**Description:**

<table>
<thead>
<tr>
<th>Sources</th>
<th>Recodes</th>
<th>Keywords</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>family number</td>
<td>Use this variable in combination with HHX and SRVY_YR to identify individual families.</td>
</tr>
</tbody>
</table>

**Family Number**

| 01-25 | Family number 1 - 25 |
### Person Number

**Universe:** All persons  

**Description:** All persons

**Sources:** None  

**Recodes:** None  

**Keywords:** person number  

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

### Person Number (Within family)

<table>
<thead>
<tr>
<th>01-25</th>
<th>Person number 1 thru 25</th>
</tr>
</thead>
</table>

### Question ID: IDN.000_65.000

**Instrument Variable Name:** WTIA_SA  

**Final Documentation Name:** WTIA_SA

**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. adult population using Census population controls.

**Weight - Interim Annual**
Question ID: IDN.000_70.000

Instrument Variable Name: WTFA_SA

Final Documentation Name: WTFA_SA

Universe:

Description:

Sources: None

Recodes: None

Keywords: None

Notes: This weight should be used for most sample adult 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 18 and above for February, May, August, and November.

Weight - Final Annual

Question ID: UCF.000_00.000 R09 RECODE

Instrument Variable Name: REGION

Final Documentation Name: REGION

Universe: ALL

Description: All records

Sources: None

Recodes: None

Keywords: united states; region

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: STRAT_P
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.

Pseudo-stratum for public use file variance estimation
001-300 001-300

Question ID: UCF.000_00.000 R16 RECODE
Instrument Variable Name: PSU_P
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.

Pseudo-PSU for public use file variance estimation
01-02 01-02

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

Sex
1 Male
2 Female
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 as "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

<table>
<thead>
<tr>
<th>OMB code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>White only</td>
</tr>
<tr>
<td>02</td>
<td>Black/African American only</td>
</tr>
<tr>
<td>03</td>
<td>AIAN only</td>
</tr>
<tr>
<td>04</td>
<td>Asian only</td>
</tr>
<tr>
<td>05</td>
<td>Race group not releasable*</td>
</tr>
<tr>
<td>06</td>
<td>Multiple race</td>
</tr>
</tbody>
</table>
Question ID: HHC.200_01.000 R21 RECODE
Instrument Variable Name:
Final Documentation Name: MRACRPI2

Recode

Universe: AGE = All
Description: All persons

Sources: HHC.200; HHC.220
Recodes: None
Keywords: race; old OMB race standards
Notes: This variable identifies the primary or main race reported by the respondent. Data came from HHC.200 and HHC.220. "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. 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.

Race coded to single/multiple race group

<table>
<thead>
<tr>
<th>Code</th>
<th>Race</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>
Question ID: HHC.200_01.000 R22 RECODE
Instrument Variable Name:
Final Documentation Name: MRACBPI2

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 MRACRPI2 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</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>

Question ID: HHC.420_00.000 R01 RECODE
Instrument Variable Name:
Final Documentation Name: AGE_P

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>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>
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</table>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Front
PUBLIC USE
Document Version Date: 24-May-13

Question ID: FRT.002_00.000
Instrument Variable Name: AFD_FLG
Final Documentation Name: AFD_FLG

Universe:
Description:

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

Adult Functioning and Disability flag

1 Sample Adult selected to receive AFD section
2 Sample Adult not selected to receive AFD section

Question ID: FID.250_00.000
Instrument Variable Name: MS1-MS25
Final Documentation Name: R_MARITL

[Are/Is][you/person] now married, widowed, divorced, separated, never married, or living with a partner?

Universe: AGE = All
Description: All persons aged 14 or older

Sources: MARITAL; SPOUS; AGE
Recodes: None
Keywords: marital status
Notes: None

Marital Status

0 Under 14 years
1 Married - spouse in household
2 Married - spouse not in household
3 Married - spouse in household unknown
4 Widowed
5 Divorced
6 Separated
7 Never married
8 Living with partner
9 Unknown marital status
The sample adult person is [fill: ALIAS of Sample Adult]. The next questions must be answered by this person. Probe as necessary to determine the availability of [fill: ALIAS of Sample Adult].

Universe: ASTATFLG = '1'
Description: Sample adults aged 18+ years

Sample adult status
1 Physical or mental condition prohibits responding
2 Sample adult is able to respond
3 Unknown

* Proxy interviews can be done for sample adults who have a mental or physical condition that prevents them from responding for themselves.

Is a family member or caregiver that is knowledgeable about [fill: ALIAS of Sample Adult]'s health available?

Universe: PROXYSA = '1'
Description: Sample Adult's physical or mental condition prohibits responding.

Knowledgeable proxy for Sample Adult available
1 Yes
2 No
What is this person's relationship to [fill: ALIAS of Sample Adult]?

Universe: PROX1 = '1'
Description: Knowledgeable proxy is available.

<table>
<thead>
<tr>
<th>Relationship of SA proxy to SA</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Relative who lives in household</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Relative who doesn't live in household</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Other caregiver</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Other</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>
<td>Don't know</td>
<td></td>
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</table>

Late Sample Adult interviews

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Started Sample Adult Core 2+ weeks after the initial interview</td>
</tr>
<tr>
<td>2</td>
<td>Started Sample Adult Core less than 2 weeks after the initial interview</td>
</tr>
</tbody>
</table>
Question ID: FDB.001_00.000
Instrument Variable Name: FDRN_FLG
Final Documentation Name: FDRN_FLG

Universe: Sample adults
Description: This variable indicates whether the family was selected to receive the Family Disability (FDB; all persons 1 year and older) section or Adult Disability (ADB; sample adults) and Child Disability (CDB; sample children 1-17 years) sections. Sample adults in families with a value of 2 for FDRN_FLG and 1 for AFD_FLG were also selected to receive the AFD (Adult Functioning and Disability) section.

Disability Questions Test flag
1 Families selected to receive ADB (sample adults) and CDB (sample children 1-17 years) sections
2 Families selected to receive FDB (all persons 1 year and older) section

Question ID: ASD.062_00.000
Instrument Variable Name: DOINGLW2
Final Documentation Name: DOINGLWA

Corrected Employment Status Last Week

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: working; not working; looking for work
Notes: DOINGLWA is the ASD equivalent of DOINGLWP in the FSD section (and both variables replace DOINGLWI, the employment status indicator found in previous NHIS data years). For the majority of respondents, DOINGLWA and DOINGLWP will have the same values across their respective data files. However, it is possible that DOINGLWA and DOINGLWP may not be consistent. Users wishing to reconcile any discrepant values are advised to use the values of DOINGLWA rather than DOINGLWP since the information obtained from the family respondent during the FSD portion of the interview was subsequently confirmed and corrected by the sample adult during his or her ASD interview.

Corrected employment status last week
1 Working for pay at a job or business
2 With a job or business but not at work
3 Looking for work
4 Working, but not for pay, at a family-owned job or business
5 Not working at a job or business and not looking for work
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASD.065_00.000
Instrument Variable Name: WHYNOWK2
Final Documentation Name: WHYNOWKA

[If (DOINGLWA = '2'): What is the main reason you did not work last week? [Else if DOINGLWA = '5']: What is the main reason you did not have a job or business last week?

Universe: ASTATFLG = '1' and AGE GE '018' and AGE not IN ('997', '999') and DOINGLWA = '2', '5'

Description: Sample adults aged 18+ years whose corrected working status last week was not working at a job or business and not looking for work or with a job or business but not at work

Sources: None
Recodes: None
Keywords: not working; unemployed; retired; keeping house

Notes: WHYNOWKA is the ASD equivalent of WHYNOWKP in the FSD section (and both variables replace WHYNOWK1, the variable that supplied reason for not working in previous NHIS data years). For the majority of respondents, WHYNOWKA and WHYNOWKP will have the same values across their respective data files. However, it is possible that WHYNOWKA and WHYNOWKP may not be consistent. Users wishing to reconcile any discrepant values are advised to use the values of WHYNOWKA rather than WHYNOWKP since the information obtained from the family respondent during the FSD portion of the interview was subsequently confirmed and corrected by the sample adult during his or her ASD interview.

Main reason for not working last week

01 Taking care of house or family
02 Going to school
03 Retired
04 On a planned vacation from work
05 On family or maternity leave
06 Temporarily unable to work for health reasons
07 Have job or contract and off-season
08 On layoff
09 Disabled
10 Other
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** ASD.066_00.000  
**Instrument Variable Name:** EVERWRK  
**Final Documentation Name:** EVERWRK

**Have you ever held a job or worked at a business?**

**Universe:**  
ASTATFLG = '1' and AGE GE '018' and AGE not IN ('997','999') and DOINGLWA = '3','5','7','9'

**Description:** Sample adults aged 18+ years who were NOT working at a job or business and not looking for work or looking for work last week or didn't know or refused to provide their employment status last week

**Sources:** None

**Recodes:** None

**Keywords:** work; employment

**Notes:** Please see the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Ever worked</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:** ASD.080_00.000 R05 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** INDSTRN1

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)

**Description:** Sample adults aged 18+ years who were working at a paying job last week, with a job or business but not at work, working at a non-paying job last week, or who had ever worked

**Sources:** INDSTRYN; KINDIND

**Recodes:** None

**Keywords:** work; business; industry

**Notes:** This is the 2-digit detailed industry recode based on the 2007 NAICS-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.

**Detailed industry classification (based on 2007 NAICS codes from Census)**

<table>
<thead>
<tr>
<th>All Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels.</td>
</tr>
</tbody>
</table>
Question ID: ASD.080_00.000  
Instrument Variable Name: INDSTRN2

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)

Description: Sample adults aged 18+ years who were working at a paying job last week, with a job or business but not at work, working at a non-paying job last week, or who had ever worked

Sources: INDSTRYN; KINDIND
Recodes: None
Keywords: work; business; industry
Notes: This is the 2-digit simple industry recode based on the 2007 NAICS-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.

Simple industry classification (based on 2007 NAICS Codes from Census)

All Values  See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels.

Question ID: ASD.090_00.000  
Instrument Variable Name: OCCUPN1

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)

Description: Sample adults aged 18+ years who were working at a paying job last week, with a job or business but not at work, working at a non-paying job last week, or who had ever worked

Sources: OCCUPN; KINDWRK
Recodes: None
Keywords: work; employment; occupation
Notes: This is the 2-digit detailed occupation recode based on the 2010 SOC-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.

Detailed occupation classification (based on 2010 SOC codes from Census)

All Values  See Occupation Appendix at the end of the Sample Adult documentation for response categories and labels.
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Socio-Demographic
PUBLIC USE
Document Version Date: 24-May-13

Question ID: ASD.090_00.000     R06 RECODE     Instrument Variable Name:
                                Final Documentation Name: OCCUPN2

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)

Description:  
Sample adults aged 18+ years who were working at a paying job last week, with a job or business but not at work, working at a non-paying job last week, or who had ever worked

Sources:  
OCCUPN; KINDWRK

Recodes:  
None

Keywords:  
work; employment; occupation

Notes:  
This is the 2-digit simple occupation recode based on the 2010 SOC-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.

Simple occupation classification (based on 2010 SOC codes from Census)

All Values  
See Occupation Appendix at the end of the Sample Adult documentation for response categories and labels.

Question ID: ASD.110_00.000     Instrument Variable Name: WRKCATA
                                Final Documentation Name: WRKCATA

FR: SHOW FLASHCARD A1.[If DOINGLWA eq <1,2,4>]: Looking at the card, which of these best describes your current job or work situation? [Else if EVERWRK eq <1> and [WHYNOWKA eq '03' or AGE ge '065']]: Looking at the card, which of these best describes the job you held for the longest time? [Else if EVERWRK eq <1> and WHYNOWKA eq '03' and AGE lt '065']]: Looking at the card, which of these best describes the job you held most recently?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4') or EVERWRK = '1')

Description:  
Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

Sources:  
None

Recodes:  
None

Keywords:  
work; employee; class of worker

Notes:  
The universe for this variable includes all persons who had ever worked as well as those who were currently working.

Class of worker

1  Employee of a PRIVATE company for wages
2  A FEDERAL government employee
3  A STATE government employee
4  A LOCAL government employee
5  Self-employed in OWN business, professional practice or farm
6  Working WITHOUT PAY in a family-owned business or farm
7  Refused
8  Not ascertained
9  Don't know
Question ID: ASD.112_00.000

Is this business incorporated?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and WRKCATA = '5'

Description: Sample adults aged 18+ years who are self-employed

Sources: None

Recodes: None

Keywords: work; self-employment

Notes: None

Current job an incorporated business

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASD.120_00.000

Instrument Variable Name: LOCAL1NO

Final Documentation Name: LOCAL1A

[If DOINGLWA eq <1,2,4>]: Thinking about this MAIN job or business, how many people work at this location? [Else if EVERWRK eq <1> and (WHYNOWKA eq '03' or AGE ge '065')]: Thinking about your last week at the job you held the longest, how many people worked at this location? [Else if EVERWRK eq <1> and (WHYNOWKA ne '03' and AGE lt '065')]: Thinking about your last week at the job you held most recently, how many people worked at this location?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (DOINGLWA IN ('1', '2', '4') or EVERWRK = '1')

Description: Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

Sources: None

Recodes: None

Keywords: work; employment; employees

Notes: The universe for this variable includes all persons who had ever worked as well as those who were currently working.

Number of employees at work

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>1-9 employees</td>
</tr>
<tr>
<td>02</td>
<td>10-24 employees</td>
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<tr>
<td>03</td>
<td>25-49 employees</td>
</tr>
<tr>
<td>04</td>
<td>50-99 employees</td>
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<td>05</td>
<td>100-249 employees</td>
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<tr>
<td>06</td>
<td>250-499 employees</td>
</tr>
<tr>
<td>07</td>
<td>500-999 employees</td>
</tr>
<tr>
<td>08</td>
<td>1000 employees or more</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: ASD.140_02.000

RECODE

Instrument Variable Name: YRSWRKPA

Final Documentation Name: YRSWRKPA

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4') or EVERWRK = '1')

Description: Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

Sources: WRKLNNGSA

Recodes: None

Keywords: work; job; employment duration

Notes: The universe for this variable includes all persons who had ever worked as well as those who were currently working.

Number of years on the job

00 Less than 1 year
01-34 01-34 years
35 35 or more years
97 Refused
98 Not ascertained
99 Don't know

Question ID: ASD.146_00.000

Instrument Variable Name: WRKLONGH

Final Documentation Name: WRKLONGH

[If DOINGLWA eq 1,2,4]: Is this MAIN job or business the job you have held for the longest? [Else if EVERWRK eq 1 and (WHYNOWKA ne '03' and AGE lt '065')]: Was your most recently held job also the job you held the longest?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4') or EVERWRK = '1' and WHYNOWKA NE '03' and (AGE LT '065' and AGE NE ' '))

Description: Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or had ever worked and were not retired and were younger than age 65

Sources: None

Recodes: None

Keywords: work; job; employment duration

Notes: None

Current/most recent job also longest held job

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASD.150_00.000
Instrument Variable Name: HOURPD
Final Documentation Name: HOURPDA

[If DOINGLWA eq <1,2,4>]: Are you paid by the hour at this MAIN job or business? [Else if EVERWRK eq <1> and (WHYNOWKA eq '03' or AGE ge '065'))]: Were you paid by the hour on the job you held the longest? [Else if EVERWRK eq <1> and (WHYNOWKA ne '03' and AGE lt '065'))]: Were you paid by the hour on the job you held most recently?

Universe:
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA IN ('1','2','4') or (EVERWRK = '1'))

Description:
Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

Sources: None
Recodes: None
Keywords: work; job; hourly wage
Notes: The universe for this variable includes all persons who had ever worked as well as those who were currently working.

Paid by the hour at current or most recent job

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
[If DOINGLWA eq <1,2,4>]: Do you have paid sick leave on this MAIN job or business? [Else if EVERWRK eq <1> and (WHYNOWKA eq '03' or AGE ge '065')]: Did you ever have paid sick leave on the job you held the longest? [Else if EVERWRK eq <1> and (WHYNOWKA ne '03' and AGE lt '065')]: Did you ever have paid sick leave on the job you held most recently?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DOINGLWA IN ('1','2','4') or EVERWRK = '1'

Description:  Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business, or who have ever worked

Sources: None

Recodes: None

Keywords: work; job; sick leave

Notes: The universe for this variable includes all persons who had ever worked as well as those who were currently working.

Paid sick leave at current or most recent job

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

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**Question ID:** ASD.170_00.000  
**Instrument Variable Name:** ONEJOB  
**Final Documentation Name:** ONEJOB

Do you have more than one job or business?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DOINGLWA IN ('1','2','4')

Description:  Sample adults aged 18+ years who were working last week, or who were with a job or business but not at work, or who were working, but not for pay, at a family-owned job or business

Sources: None

Recodes: None

Keywords: work; job; employment

Notes: None

Have more than one job

<p>| | |</p>
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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: ASD.210_00.000

Did you have a job or business at any time in the PAST 12 MONTHS?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: DOINGLWA, EVERWRK, WRKLYR2(i)

Recodes: None

Keywords: unemployed; employed

Notes: This variable was formerly located in the AHS section (where it was called WRKLYR3) and is comparable to earlier AHS versions. It was moved to the 2010 ASD section in order to establish a universe for the supplemental employment-related questions/variables included in the section.

Work status: last week, past 12 months

0 Had job last week
1 No job last week, had job past 12 months
2 No job last week, no job past 12 months
3 Never worked
7 Refused
8 Not ascertained
9 Don't know

Question ID: ASD.215_00.010

DURING THE PAST 12 MONTHS, have you attended any kind of school?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: school; education


Attended any kind of school, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Now I am going to ask you about certain medical conditions. Have you EVER been told by a doctor or other health professional that you had... Hypertension, also called high blood pressure?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Question ID: ACN.010_00.000

Instrument Variable Name: HYPEV

Final Documentation Name: HYPEV

Sources: None

Recodes: None

Keywords: circulatory disease; hypertension; high blood pressure

Notes: None

Ever been told you have hypertension

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

Were you told on two or more DIFFERENT visits that you had hypertension, also called high blood pressure?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HYPEV = '1'

Description: Sample adults aged 18+ years who were ever told they had hypertension

Question ID: ACN.020_00.000

Instrument Variable Name: HYPDIFV

Final Documentation Name: HYPDIFV

Sources: None

Recodes: None

Keywords: circulatory disease; hypertension; high blood pressure

Notes: None

Ever had hypertension on 2+ visits

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.020_00.010
Instrument Variable Name: HYPYR
Final Documentation Name: HYPYR

DURING THE PAST 12 MONTHS, have you had hypertension, also called high blood pressure?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and HYPEV = '1' and HYPDIF=1'
Description: Sample adults 18+ who were ever told they had hypertension

Sources: None
Recodes: None
Keywords: hypertension, high blood pressure
Notes: None

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

Question ID: ACN.031_01.000
Instrument Variable Name: CHDEV
Final Documentation Name: CHDEV

Have you EVER been told by a doctor or other health professional that you had ... Coronary heart disease?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: coronary; ischemic; heart disease; myocardial infarction; angina
Notes: None

Ever been told you had coronary heart disease
1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know
DURING THE PAST 12 MONTHS have you had

... Coronary heart disease?

Universe: \( \text{ASTATFLG} = '1' \) and \((\text{AGE GE '018'} \text{ and AGE not IN ('997','999')) and CHDEV = '1'}\)

Description: Sample adults 18+ who were ever told they had coronary heart disease

Sources: None
Recodes: None
Keywords: coronary heart disease; heart disease
Notes: None

Had coronary heart disease, past 12 months

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

Have you EVER been told by a doctor or other health professional that you had ... Angina, also called angina pectoris?

Universe: \( \text{ASTATFLG} = '1' \) and \((\text{AGE GE '018'} \text{ and AGE not IN ('997','999'))}\)

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: coronary; ischemic; heart disease; angina
Notes: None

Ever been told you had angina pectoris

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.031_03.000  
Instrument Variable Name: MIEV  
Final Documentation Name: MIEV

Have you EVER been told by a doctor or other health professional that you had ...A heart attack (also called myocardial infarction)

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: coronary; ischemic; heart disease; myocardial infarction; heart attack

Notes: None

Ever been told you had a heart attack

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

Question ID: ACN.031_04.000  
Instrument Variable Name: HRTEV  
Final Documentation Name: HRTEV

Have you EVER been told by a doctor or other health professional that you had ...Any kind of heart condition or heart disease (other than the ones I just asked about)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: circulatory disease; heart disease; heart rhythm disorders

Notes: None

Ever been told you had a heart condition/disease

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS have you had

...Any kind of heart condition or heart disease (other than the ones I just asked about)?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and HRTEV = '1'

Description: Sample adults 18+ who were ever told they had any other kind of heart condition

Sources: None
Recodes: None
Keywords: heart disease; heart rhythm disorders
Notes: None

Had other heart condition, past 12 months

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

Have you EVER been told by a doctor or other health professional that you had...A stroke?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: cerebrovascular disease; stroke; transient ischemic attack
Notes: None

Ever been told you had a stroke

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Have you EVER been told by a doctor or other health professional that you had...Emphysema?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: respiratory disease; emphysema; chronic obstructive lung disease
Notes: None

Ever been told you had emphysema
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Have you EVER been told by a doctor or other health professional that you had chronic obstructive pulmonary disease, also called COPD?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: chronic obstructive pulmonary disease; COPD
Notes: None

Ever been told you had COPD
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Has a doctor or other health professional EVER told you to take a low-dose aspirin each day to prevent or control heart disease?

* If the respondent volunteers they have been told to take an aspirin every other day or “regularly” for these reasons, enter 1 for “yes.”

<table>
<thead>
<tr>
<th>Ever been told to take low-dose aspirin</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<td>7</td>
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<td>9</td>
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</tbody>
</table>

Are you NOW following this advice?

* If the respondent provides an answer such as “sometimes,” “occasionally,” or “from time to time,” enter 1 for “yes.”

<table>
<thead>
<tr>
<th>Following low-dose aspirin advice</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<tr>
<td>7</td>
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<td>8</td>
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<td>9</td>
</tr>
</tbody>
</table>
**Did a doctor or other health professional advise you to stop taking a low-dose aspirin every day?**

**Universe:** ASTATFLG=’1’ and (AGE GE ’040’ and AGE not IN(’997’,’999’)) and ASPMEDEV€=’1’ and ASPMEDAD=’2’

**Description:** Sample adults 40+ who have ever been advised to take aspirin every day, but are not currently following that advice

**Advised to stop taking low-dose aspirin**

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

---

**On your own, are you now taking a low-dose aspirin each day to prevent or control heart disease?**

* If the respondent volunteers they are taking an aspirin every other day or “regularly” for these reasons, enter 1 for “yes.”

**Universe:** ASTATFLG=’1’ and (AGE GE ’040’ and AGE not IN(’997’,’999’)) and ASPMEDEV€ IN(’2’,’7’,’9’)

**Description:** Sample adults 40+ who have not been advised to take aspirin every day or Ref/DK if they have been advised to take aspirin every day

**Taking low-dose aspirin on own**

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Have you EVER been told by a doctor or other health professional that you had asthma?

University: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

| Sources: None |
| Recodes: None |
| Keywords: respiratory disease; asthma; trouble breathing |
| Notes: None |

Ever been told you had asthma
1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

Do you still have asthma?

University: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AASMEV = '1'

Description: Sample adults aged 18+ years who were ever told they have asthma

| Sources: None |
| Recodes: None |
| Keywords: respiratory disease; asthma; trouble breathing |
| Notes: None |

Still have asthma
1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS, have you had an episode of asthma or an asthma attack?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AASMEV = '1'

Description: Sample adults aged 18+ years who were ever told they had asthma

Sources: None
Recodes: None
Keywords: respiratory disease; asthma; trouble breathing
Notes: None

Had an asthma episode/attack past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

DURING THE PAST 12 MONTHS, have you had to visit an emergency room or urgent care center because of asthma?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AASMEV='1'

Description: Sample adults aged 18+ years who were ever told they had asthma

Sources: None
Recodes: None
Keywords: respiratory disease; asthma; asthma emergency
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
Have you EVER been told by a doctor or other health professional that you had...An ulcer? This could be a stomach, duodenal or peptic ulcer.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: digestive disease; ulcer; stomach trouble; duodenal; peptic

Notes: None

Ever been told you have an ulcer
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

DURING THE PAST 12 MONTHS have you had an ulcer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ULCEV = '1'

Description: Sample adults aged 18+ years who were ever told they had an ulcer

Sources: None

Recodes: None

Keywords: digestive disease; ulcer; stomach trouble; duodenal; peptic

Notes: None

Had ulcer in past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult

samadult : Adult Conditions

PUBLIC USE

Document Version Date: 24-May-13

---

**Question ID:** ACN.121_00.010  
**Instrument Variable Name:** CHLEV  
**Final Documentation Name:** CHLEV

**Have you EVER been told by a doctor or other health professional that you had**

...High cholesterol?

**Universe:** 
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

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

Ever told you had high cholesterol

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

---

**Question ID:** ACN.121_00.020  
**Instrument Variable Name:** CHLYR  
**Final Documentation Name:** CHLYR

**DURING THE PAST 12 MONTHS have you had**

...High cholesterol?

**Universe:** 
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and CHLEV ='1'

**Description:** Sample adults 18+ who were ever told they had high cholesterol

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

Had high cholesterol, past 12 months

1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know
**Have you EVER been told by a doctor or other health professional that you had**

...Influenza or pneumonia?

| Universe: | ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) |
| Sources: | None |
| Recodes: | None |
| Keywords: | influenza; pneumonia; flu |
| Notes: | None |

<table>
<thead>
<tr>
<th>Ever told you had influenza/pneumonia</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<td>7</td>
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</table>

**DURING THE PAST 12 MONTHS have you had**

...Influenza or pneumonia?

| Universe: | ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLUPNEV ='1' |
| Sources: | None |
| Recodes: | None |
| Keywords: | influenza; pneumonia; flu |
| Notes: | None |

<table>
<thead>
<tr>
<th>Had influenza/pneumonia, past 12 months</th>
</tr>
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<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<td>7</td>
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</tbody>
</table>
Have you EVER been told by a doctor or other health professional that you had
...Strep throat or tonsillitis?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: strep throat; tonsillitis
Notes: None

Ever told you had strep throat/tonsillitis

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

DURING THE PAST 12 MONTHS have you had
...Strep throat or tonsillitis?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ASTREPEV ='1'
Description: Sample adults 18+ who were ever told they had strep throat or tonsillitis

Sources: None
Recodes: None
Keywords: strep throat; tonsillitis
Notes: None

Had strep throat/tonsillitis, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.121_00.070

* Read if necessary.

Have you EVER been told by a doctor or other health professional that you had

…Poor circulation in your legs?

*Include peripheral vascular disease, Intermittent Claudication or cramping.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: circulation; lower limbs; legs
Notes: None

Ever told you had poor circulation

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</table>

Question ID: ACN.121_00.080

DURING THE PAST 12 MONTHS have you had

…Poor circulation in your legs?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and PRCIREV ='1'

Description: Sample adults 18+ who were ever told they had poor circulation in their legs

Sources: None
Recodes: None
Keywords: circulation; lower limbs; legs
Notes: None

Had poor circulation, past 12 months

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Have you EVER been told by a doctor or other health professional that you had urinary problems such as incontinence, frequent or slow urination or infections?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: urinary tract; incontinence; UTI
Notes: None

Ever told you had urinary problems

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

DURING THE PAST 12 MONTHS have you had urinary problems such as incontinence, frequent or slow urination or infections?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and UREV '='1'

Description: Sample adults 18+ who were ever told they had urinary problems

Sources: None
Recodes: None
Keywords: urinary tract; incontinence; UTI
Notes: None

Had urinary problems, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Have you EVER been told by a doctor or other health professional that you had

...Phobia or fears?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: phobias; fears; mental health
Notes: None

Had phobia or fears, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Have you EVER been told by a doctor or other health professional that you had

…Attention Deficit Hyperactivity Disorder (ADHD) or Attention Deficit Disorder (ADD)?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: attention deficit; ADD; ADHD; mental health
Notes: None

Ever told you had ADD/ADHD

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

Have you EVER been told by a doctor or other health professional that you had

…Bipolar Disorder?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: bipolar disorder; manic depression; mental health
Notes: None

Ever told you had Bipolar Disorder

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.121_00.150  
**Instrument Variable Name:** ADEPRSEV  
**Final Documentation Name:** ADEPRSEV

Have you **EVER** been told by a doctor or other health professional that you had …Depression?

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**Question ID:** ACN.121_00.160  
**Instrument Variable Name:** ADEPRSRYR  
**Final Documentation Name:** ADEPRSRYR

**DURING THE PAST 12 MONTHS** have you had …Depression?

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</table>
**Question ID:** ACN.121_00.170  
**Instrument Variable Name:** MHDOTHEV  
**Final Documentation Name:** MHDOTHEV

Have you EVER been told by a doctor or other health professional that you had

...Other mental health disorders?

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

| Sources: | None |
| Recodes: | None |
| Keywords: | mental health |
| Notes: | None |

Ever told you had other mental health disorders

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

**Question ID:** ACN.121_00.180  
**Instrument Variable Name:** MHDOTHYR  
**Final Documentation Name:** MHDOTHYR

**DURING THE PAST 12 MONTHS** have you had

...Other mental health disorders?

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and MHDOTHEV = '1'

**Description:** Sample adults 18+ who were ever told they had other mental health disorders

| Sources: | None |
| Recodes: | None |
| Keywords: | mental health |
| Notes: | None |

Had mental health disorders, past 12 months

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
DURING THE PAST 12 MONTHS, have you had...

Any kind of respiratory allergy?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: respiratory allergy
Notes: None

Had respiratory allergy, past 12 months

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

DURING THE PAST 12 MONTHS, have you had...

Any kind of digestive allergy?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: digestive allergy
Notes: None

Had digestive allergy, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
## Question ID: ACN.125_00.030

### Instrument Variable Name:

SKNALYR

### Final Documentation Name:

SKNALYR

### DURING THE PAST 12 MONTHS, have you had

...Eczema or any kind of skin allergy?

### Universe:

ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

### Description:

Sample adults 18+

### Sources:

None

### Recodes:

None

### Keywords:

eczema; skin allergy

### Notes:

None

### Had eczema/skin allergy, past 12 months

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## Question ID: ACN.125_00.040

### Instrument Variable Name:

OTHALYR

### Final Documentation Name:

OTHALYR

### DURING THE PAST 12 MONTHS, have you had

...Allergies other than hay fever, respiratory, food, digestive, or skin allergies?

### Universe:

ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

### Description:

Sample adults 18+

### Sources:

None

### Recodes:

None

### Keywords:

allergy

### Notes:

None

### Had other allergy, past 12 months

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<td>Not ascertained</td>
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<td>Don't know</td>
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DURING THE PAST 12 MONTHS, have you had...

Problems with acid reflux or heartburn?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: acid reflux; heartburn
Notes: None

Had acid reflux/heartburn, past 12 months

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

DURING THE PAST 12 MONTHS, have you had...

Fever more than one day?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

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

Had fever more than one day, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.125_00.070  
**Instrument Variable Name:** ACOLDYR  
**Final Documentation Name:** ACOLDYR  

**DURING THE PAST 12 MONTHS, have you had**

...A head or chest cold?  

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))  
**Description:** Sample adults 18+  

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**Question ID:** ACN.125_00.080  
**Instrument Variable Name:** ANAUSYR  
**Final Documentation Name:** ANAUSYR  

**DURING THE PAST 12 MONTHS, have you had**

...Nausea and/or vomiting?  

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))  
**Description:** Sample adults 18+  

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**Question ID:** ACN.125_00.090  
**Instrument Variable Name:** ATHOTHYR  
**Final Documentation Name:** ATHOTHYR

**DURING THE PAST 12 MONTHS, have you had**

...Sore throat other than strep or tonsillitis?

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**Question ID:** ACN.125_00.100  
**Instrument Variable Name:** IMMOTHYR  
**Final Documentation Name:** IMMOTHYR

**DURING THE PAST 12 MONTHS, have you had**

...Infectious diseases or problems of the immune system?

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**DURING THE PAST 12 MONTHS, have you had**

**...Recurring headache, other than migraine?**

*Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))*

*Description: Sample adults 18+*

| Sources: None | Recodes: None | Keywords: headache | Notes: None |

Had recurring headache, past 12 months

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

**DURING THE PAST 12 MONTHS, have you had**

**...Memory loss or loss of other cognitive functions?**

*Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))*

*Description: Sample adults 18+*

| Sources: None | Recodes: None | Keywords: memory loss; cognitive function | Notes: None |

Had memory loss, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ACN.125_00.130  
**Instrument Variable Name:** NEUROYR  
**Final Documentation Name:** NEUROYR

**DURING THE PAST 12 MONTHS, have you had**

...Neurological problems?

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

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Had neurological problems, past 12 months

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**Question ID:** ACN.125_00.140  
**Instrument Variable Name:** AABDOMYR  
**Final Documentation Name:** AABDOMYR

**DURING THE PAST 12 MONTHS, have you had**

...Abdominal pain?

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

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Had abdominal pain, past 12 months

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DURING THE PAST 12 MONTHS, have you had

…Any severe sprains or strains?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: sprain; strain
Notes: None

Had sprains/strains, past 12 months

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DURING THE PAST 12 MONTHS, have you had

…Dental pain?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: dental pain
Notes: None

Had dental pain, past 12 months

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DURING THE PAST 12 MONTHS, have you had

...Other muscle or bone pain?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: muscle pain; bone pain
Notes: None

Had muscle/bone pain, past 12 months

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

DURING THE PAST 12 MONTHS, have you had

...Other chronic pain?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: chronic pain
Notes: None

Had other chronic pain, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS, have you had…

Excessive use of alcohol or tobacco?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: alcohol; tobacco; drink; smoke
Notes: None

Excessive alcohol/tobacco, past 12 months

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

DURING THE PAST 12 MONTHS, have you had…

Substance abuse, other than alcohol or tobacco?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: substance abuse; drug abuse
Notes: None

Substance abuse, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult: Adult Conditions
PUBLIC USE
Document Version Date: 24-May-13

Question ID: ACN.125_00.210  
Instrument Variable Name: AOVRWTYR  
Final Documentation Name: AOVRWTYR

DURING THE PAST 12 MONTHS, have you had

...Problems with being overweight?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+
Sources: None
Recodes: None
Keywords: overweight, weight problems; obese
Notes: None

Had problems being overweight, past 12 months

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

Question ID: ACN.125_00.220  
Instrument Variable Name: SKNYR1  
Final Documentation Name: SKNYR1

DURING THE PAST 12 MONTHS, have you had

...Skin problems, other than eczema or allergies?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+
Sources: None
Recodes: None
Keywords: skin problems; rash
Notes: None

Skin problems, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.125_00.230

**DURING THE PAST 12 MONTHS, have you had**

...Fatigue or lack of energy more than 3 days?

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

**Question ID: ACN.125_00.240**

**DURING THE PAST 12 MONTHS, have you**

...Regularly had excessive sleepiness during the day?

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
Question ID: ACN.125_00.250

DURING THE PAST 12 MONTHS, have you

…Regularly had insomnia or trouble sleeping?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: insomnia; sleep

Notes: None

Insomnia, past 12 months

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

Question ID: ACN.125_00.260

DURING THE PAST 12 MONTHS, have you

…Frequently felt anxious, nervous, or worried?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: anxious; nervous; worried

Notes: None

Frequently anxious, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**DURING THE PAST 12 MONTHS, have you**

...Frequently felt stressed?

**Question ID:** ACN.125_00.270

**Instrument Variable Name:** ASTRESYR

**Final Documentation Name:** ASTRESYR

Universe: `ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))`

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: stress; mental health

Notes: None

Frequently stressed, past 12 months

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

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**Question ID:** ACN.130_00.000

**Instrument Variable Name:** CANEV

**Final Documentation Name:** CANEV

**Have you EVER been told by a doctor or other health professional that you had...Cancer or a malignancy of any kind?**

Universe: `ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))`

Description: Sample adults aged 18+

Sources: None

Recodes: None

Keywords: cancer; malignant neoplasm; malignancy

Notes: None

Ever told by a doctor you had cancer

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<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>
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</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Question ID: ACN.140_01.000

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; bladder neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Bladder

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

Question ID: ACN.140_02.000

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; blood neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Blood

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; bone neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Bone

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

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; brain neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Brain

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; breast neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Breast

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

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX = '2'

Description: Sample Female adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; cervix neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Cervix

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; colonic neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

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

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; esophageal neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; gallbladder neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Gallbladder

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

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; kidney neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Kidney

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.140_11.000

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer, laryngeal neoplasms

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... larynx-windpipe

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

Question ID: ACN.140_12.000

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None

Recodes: None

Keywords: cancer; blood neoplasms; leukemia

Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Leukemia

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 24-May-13

Question ID: ACN.140_13.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND13

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; liver neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Liver

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

Question ID: ACN.140_14.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND14

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; lung neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Lung

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.140_15.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND15

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; lymphoma neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Lymphoma

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

Question ID: ACN.140_16.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND16

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; melanoma neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Melanoma

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; mouth neoplasms; tongue neoplasms; lip neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... mouth/tongue/lip

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<td>2</td>
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<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>

What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX= '2'

**Description:** Sample Female adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; ovarian neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Ovary

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<td>1</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
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<tr>
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</table>
What kind of cancer was it?

Question ID: ACN.140_19.000  
Instrument Variable Name: CANKIND_1-CANKIND_3  
Final Documentation Name: CNKIND19

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; pancreatic neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Pancreas

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

Question ID: ACN.140_20.000  
Instrument Variable Name: CANKIND_1-CANKIND_3  
Final Documentation Name: CNKIND20

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX = '1'
Description: Sample male adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; prostatic neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Prostate

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 24-May-13

Question ID: ACN.140_21.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND21

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; rectal neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Rectum

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

Question ID: ACN.140_22.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND22

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'
Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; skin neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... skin (non-melanoma)

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.140_23.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND23

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; skin neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**What kind of cancer ... skin (DK kind)**

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

**Question ID:** ACN.140_24.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND24

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer; soft tissue neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**What kind of cancer ... soft tissue (muscle or fat)**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 24-May-13

**Question ID:** ACN.140_25.000  
Instrument Variable Name: CANKIND_1-CANKIND_3  
Final Documentation Name: CNKIND25

**What kind of cancer was it?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; stomach neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Stomach

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

---

**Question ID:** ACN.140_26.000  
Instrument Variable Name: CANKIND_1-CANKIND_3  
Final Documentation Name: CNKIND26

**What kind of cancer was it?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX = '1'

**Description:** Sample Male adults aged 18+ years who were ever told they had cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** cancer; testicular neoplasms  
**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Testis

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know
What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer, pharyngeal neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

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<th>What kind of cancer ... throat - pharynx</th>
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What kind of cancer ... Thyroid

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and CANEV = '1'

**Description:** Sample adults aged 18+ years who were ever told they had cancer

**Sources:** None

**Recodes:** None

**Keywords:** cancer, thyroid neoplasms

**Notes:** Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

<table>
<thead>
<tr>
<th>What kind of cancer ... Thyroid</th>
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<tbody>
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</table>
Question ID: ACN.140_29.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND29

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and CANEV = '1' and SEX = '2'

Description: Sample Female adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer, uterine neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Uterus

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

Question ID: ACN.140_30.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND30

What kind of cancer was it?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and CANEV = '1'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer, neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... Other

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.140_31.000

What kind of cancer ... more than three kinds?

Universe: ASTATFLG = '1' and AGE GE '018' and AGE not IN ('997','999') and CANEV = '1' and CNKIND_3 ne '96' and CNKIND_3 ne '999'

Description: Sample adults aged 18+ years who were ever told they had cancer

Sources: None
Recodes: None
Keywords: cancer; neoplasms
Notes: Since 2004, if CANKIND_1 had a '97' or '99' (Refused or Don't Know) response, all of the expanded CNKIND1-31 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

What kind of cancer ... more than 3 kinds

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

Question ID: ACN.150_01.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND1 = '1'

Description: Sample adults aged 18+ years who were ever told they had bladder cancer

Sources: None
Recodes: None
Keywords: onset; cancer; bladder neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/bladder cancer

01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Conditions**

PUBLIC USE

Document Version Date: 24-May-13

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**Question ID:** ACN.150_02.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE2

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND2 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had blood cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** onset; cancer; blood neoplasms  
**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

**Age first diagnosed w/blood cancer**

<table>
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<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</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>

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**Question ID:** ACN.150_03.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE3

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND3 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had bone cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** onset; cancer; bone neoplasms  
**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

**Age first diagnosed w/bone cancer**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<tbody>
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<td>1-84 years</td>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: ACN.150_04.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE4

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and CNKIND4 = '1'
Description: Sample adults aged 18+ years who were ever told they had brain cancer

Sources: None
Recodes: None
Keywords: onset; cancer; brain neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/brain cancer

| 01-84 | 1-84 years |
| 85   | 85+ years  |
| 97   | Refused    |
| 98   | Not ascertained |
| 99   | Don't know |

Question ID: ACN.150_05.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE5

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and CNKIND5 = '1'
Description: Sample adults aged 18+ years who were ever told they had breast cancer

Sources: None
Recodes: None
Keywords: onset; cancer; breast neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/breast cancer

| 01-84 | 1-84 years |
| 85   | 85+ years  |
| 97   | Refused    |
| 98   | Not ascertained |
| 99   | Don't know |
Question ID: ACN.150_06.000

Instrument Variable Name: CANAGE_1-CANAGE_3

Final Documentation Name: CANAGE6

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND6 = '1'

Description: Sample adults aged 18+ years who were ever told they had cervical cancer

Sources: None

Recodes: None

Keywords: onset; cancer; cervix neoplasms

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/cervical cancer

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<thead>
<tr>
<th>Age</th>
<th>Description</th>
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<tbody>
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<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
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<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
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Question ID: ACN.150_07.000

Instrument Variable Name: CANAGE_1-CANAGE_3

Final Documentation Name: CANAGE7

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND7 = '1'

Description: Sample adults aged 18+ years who were ever told they had colon cancer

Sources: None

Recodes: None

Keywords: onset; cancer; colonic neoplasms

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/colon cancer

<table>
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<tr>
<th>Age</th>
<th>Description</th>
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<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</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>
### How old were you when cancer was first diagnosed?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND8 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had esophageal cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; esophageal neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/esophageal cancer</th>
<th></th>
</tr>
</thead>
<tbody>
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<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
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<td>85+ years</td>
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<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
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</table>

### How old were you when cancer was first diagnosed?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND9 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had gallbladder cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; gallbladder neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/gallbladder cancer</th>
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<tbody>
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<td>01-84</td>
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<tr>
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<td>85+ years</td>
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<tr>
<td>97</td>
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<tr>
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</tr>
<tr>
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</table>
How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and CNKIND10 = '1'

Description: Sample adults aged 18+ years who were ever told they had kidney cancer

Sources: None
Recodes: None
Keywords: onset; cancer; kidney neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/kidney cancer

01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and CNKIND11 = '1'

Description: Sample adults aged 18+ years who were ever told they had larynx-windpipe cancer

Sources: None
Recodes: None
Keywords: onset; cancer; laryngeal neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/larynx-windpipe cancer

01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know
Question ID: ACN.150_12.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND12 = '1'

Description: Sample adults aged 18+ years who were ever told they had leukemia

Sources: None

Recodes: None

Keywords: onset; cancer; blood neoplasms; leukemia

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/leukemia

01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know

Question ID: ACN.150_13.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND13 = '1'

Description: Sample adults aged 18+ years who were ever told they had liver cancer

Sources: None

Recodes: None

Keywords: onset; cancer; liver neoplasms

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/liver cancer

01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know
### Question ID: ACN.150_14.000

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND14 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had lung cancer

**Sources:** None  
**Recodes:** None  
**Keywords:** onset; cancer; lung neoplasms  
**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/lung cancer</th>
<th></th>
</tr>
</thead>
<tbody>
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<tr>
<td>97</td>
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<tr>
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<tr>
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### Question ID: ACN.150_15.000

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND15 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had lymphoma

**Sources:** None  
**Recodes:** None  
**Keywords:** onset; cancer; lymphoma neoplasms  
**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/lymphoma</th>
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<tbody>
<tr>
<td>01-84</td>
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<tr>
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<td>85+ years</td>
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<tr>
<td>97</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
<td>Don't know</td>
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</tbody>
</table>
### Question ID: ACN.150_16.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE16

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND16 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had melanoma

<table>
<thead>
<tr>
<th>Age first diagnosed w/melanoma</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
<td>Don't know</td>
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</table>

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

### Question ID: ACN.150_17.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE17

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND17 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had mouth/tongue/lip cancer

<table>
<thead>
<tr>
<th>Age first diagnosed w/mouth/tongue/lip cancer</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
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<tr>
<td>97</td>
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**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.
How old were you when cancer was first diagnosed?

- **Question ID:** ACN.150_18.000
- **Instrument Variable Name:** CANAGE_1-CANAGE_3
- **Final Documentation Name:** CANAGE18

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND18 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had ovarian cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; ovarian neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/ovarian cancer</th>
<th></th>
</tr>
</thead>
<tbody>
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<td>98</td>
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How old were you when cancer was first diagnosed?

- **Question ID:** ACN.150_19.000
- **Instrument Variable Name:** CANAGE_1-CANAGE_3
- **Final Documentation Name:** CANAGE19

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND19 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had pancreatic cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; pancreatic neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/pancreatic cancer</th>
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<tbody>
<tr>
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<td>85+ years</td>
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<tr>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: ACN.150_20.000

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND20 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had prostate cancer.

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/prostate cancer</th>
<th></th>
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</thead>
<tbody>
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<td>01-84</td>
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<td>98</td>
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</tbody>
</table>

### Question ID: ACN.150_21.000

**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND21 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had rectal cancer.

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

<table>
<thead>
<tr>
<th>Age first diagnosed w/rectal cancer</th>
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<tbody>
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<tr>
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<tr>
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<td>Don't know</td>
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</table>
Question ID: ACN.150_22.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND22 = '1'

Description: Sample adults aged 18+ years who were ever told they had skin (non-melanoma) cancer

Sources: None

Recodes: None

Keywords: onset; cancer; skin neoplasms

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/skin (non-melanoma) cancer

<table>
<thead>
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<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
<td>Don't know</td>
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</table>

Question ID: ACN.150_23.000

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND23 = '1'

Description: Sample adults aged 18+ years who were ever told they had skin (DK what kind) cancer

Sources: None

Recodes: None

Keywords: onset; cancer; skin neoplasms

Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/skin (DK kind) cancer

<table>
<thead>
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<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
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<td>85+ years</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>
How old were you when cancer was first diagnosed?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND24 = '1'

Description:  
Sample adults aged 18+ years who were ever told they had soft tissue (muscle or fat) cancer

Sources:  
None

Recodes:  
None

Keywords:  
onset; cancer; soft tissue neoplasms

Notes:  
These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/soft tissue cancer

01-84  1-84 years
85  85+ years
97  Refused
98  Not ascertained
99  Don't know

How old were you when cancer was first diagnosed?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND25 = '1'

Description:  
Sample adults aged 18+ years who were ever told they had stomach cancer

Sources:  
None

Recodes:  
None

Keywords:  
onset; cancer; stomach neoplasms

Notes:  
These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/stomach cancer

01-84  1-84 years
85  85+ years
97  Refused
98  Not ascertained
99  Don't know
Question ID: ACN.150_26.000

How old were you when cancer was first diagnosed?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND26 = '1'

Description: Sample adults aged 18+ years who were ever told they had testicular cancer

Sources: None
Recodes: None
Keywords: onset; cancer; testicular neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/testicular cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>1-84 years</td>
</tr>
<tr>
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<td>85+ years</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: ACN.150_27.000

How old were you when cancer was first diagnosed?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND27 = '1'

Description: Sample adults aged 18+ years who were ever told they had throat-pharynx cancer

Sources: None
Recodes: None
Keywords: onset; cancer; pharyngeal neoplasms
Notes: These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

Age first diagnosed w/throat/pharynx cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
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<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</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>
How old were you when cancer was first diagnosed?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND28 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had thyroid cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; thyroid neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

### Age first diagnosed w/thyroid cancer

- 01-84: 1-84 years
- 85: 85+ years
- 97: Refused
- 98: Not ascertained
- 99: Don't know

---

**Question ID:** ACN.150_29.000

**Instrument Variable Name:** CANAGE_1-CANAGE_3

**Final Documentation Name:** CANAGE29

How old were you when cancer was first diagnosed?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND29 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had uterine cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; uterine neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

### Age first diagnosed w/uterine cancer

- 01-84: 1-84 years
- 85: 85+ years
- 97: Refused
- 98: Not ascertained
- 99: Don't know
**How old were you when cancer was first diagnosed?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND30 = '1'

**Description:** Sample adults aged 18+ years who were ever told they had other type of cancer

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; neoplasms

**Notes:** These data have not been edited for reasonableness. Some respondents appear to give information on how long ago the cancer was first diagnosed rather than their age when cancer was first diagnosed.

**Age first diagnosed w/other cancer**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</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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</tbody>
</table>

**Question ID:** ACN.160_00.000

**Instrument Variable Name:** DIBE

**Final Documentation Name:** DIBEV

**[If Female, Other than during pregnancy] Have you NEVER been told by a doctor or health professional that you have diabetes or sugar diabetes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** endocrine; sugar; diabetes

**Notes:** None

**Ever been told that you have diabetes**

<table>
<thead>
<tr>
<th>Value</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>3</td>
<td>Borderline</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>
Have you EVER been told by a doctor or other health professional that you have any of the following: prediabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes, or high blood sugar?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV IN ('2','3','7','9')

Description: Sample adults aged 18+ years who were never told they had diabetes, or who refused or said don’t know to having been told they had diabetes or were told they had borderline diabetes

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

Ever had prediabetes or other symptoms

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

How old were you when a doctor FIRST told you that you had diabetes or sugar diabetes?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV = '1'

Description: Sample adults aged 18+ years who were ever told they had diabetes (other than during pregnancy)

Sources: None
Recodes: None
Keywords: age diagnosed with diabetes; age diagnosed with sugar diabetes
Notes: None

Age first diagnosed w/diabetes

01-84  1-84 years
85     85+ years
97     Refused
98     Not ascertained
99     Don't know
Question ID: ACN.170_00.000  R02  RECODE  Instrument Variable Name:  
Final Documentation Name: DIFAGE2

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV = 1

Description:  
Sample adults aged 18+ years who were ever told they had diabetes (other than during pregnancy)

Sources:  
DIBAGE(); AGE

Recodes:  
None

Keywords:  
Diabetes age check

Notes:  
DIFAGE2 indicates the difference between age at diabetes onset and age. This variable was calculated by the age of onset and the current age. For persons 85 or older, this difference may be an underestimate. Unlike in 1999, there is no follow-up question to determine onset in past year. For some with 1 year difference in age, onset will be within the past year.

Years since first diagnosed w/diabetes

00  Within past year
01-84  1-84 years
85  85+ years
96  1+ year(s) with diabetes and age is 85+
97  Refused
98  Not ascertained
99  Don't know

Question ID: ACN.180_00.000  Instrument Variable Name: INSLN  
Final Documentation Name: INSLN

Are you NOW taking insulin?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DIBEV='1' or DIBPRE1='1')

Description:  
Sample adults GE 18 years who were ever told they had diabetes or prediabetic condition (other than during pregnancy)

Sources:  
None

Recodes:  
None

Keywords:  
insulin use; diabetes

Notes:  
None

NOW taking insulin

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Are you NOW taking diabetic pills to lower your blood sugar? These are sometimes called oral agents or oral hypoglycemic agents.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DIBEV='1' or DIBPRE1='1')

Description: Sample adults GE 18 years who were ever told they had diabetes or prediabetic condition (other than during pregnancy)

Now taking diabetic pills

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

During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had... hay fever?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Told that you had hay fever, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had...sinusitis?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Told that you had sinusitis, past 12 m
1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know

During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had...chronic bronchitis?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Told you had chronic bronchitis, 12 m
1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know
During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had... Weak or failing kidneys? - Do not include kidney stones, bladder infections or incontinence.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Told you had weak/failing kidneys, 12 m

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

During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had... Any kind of liver condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Told you had liver condition, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
The next questions refer to your joints. Please do NOT include the back or neck. DURING THE PAST 30 DAYS, have you had any symptoms of pain, aching, or stiffness in or around a joint?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: arthritis; rheumatism; musculo-skeletal disease; diseased joints

Notes: None

Symptoms of joint pain/aching/stiffness past 30 d

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

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness swelling

Sources: None

Recodes: None

Keywords: right shoulder joint disease; right shoulder arthritis

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 24-May-13

Question ID: ACN.260_02.000
Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP2

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and JNTSYMP = '1'
Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling
Sources: None
Recodes: None
Keywords: left shoulder joint disease; left shoulder arthritis
Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...shoulder-left
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.260_03.000
Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP3

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and JNTSYMP = '1'
Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling
Sources: None
Recodes: None
Keywords: right elbow joint disease; right elbow arthritis
Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...elbow-right
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
### Question ID: ACN.260_04.000

**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP4

**Which joints are affected?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None  
**Recodes:** None  
**Keywords:** left elbow joint disease; left elbow arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**Which joint affected...elbow-left**

<p>| | |</p>
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<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
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<tr>
<td>2</td>
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<tr>
<td>7</td>
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</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ACN.260_05.000

**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP5

**Which joints are affected?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None  
**Recodes:** None  
**Keywords:** right hip joint disease; right hip arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**Which joint affected...hip-right**

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<tbody>
<tr>
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<tr>
<td>2</td>
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</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>
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</tbody>
</table>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 24-May-13

**Question ID:** ACN.260_06.000
**Instrument Variable Name:** JMTHP1-JMTHP17
**Final Documentation Name:** JMTHP6

*Which joints are affected?*

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None
**Recodes:** None
**Keywords:** left hip joint disease; left hip arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

*Which joint affected...hip-left*

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

**Question ID:** ACN.260_07.000
**Instrument Variable Name:** JMTHP1-JMTHP17
**Final Documentation Name:** JMTHP7

*Which joints are affected?*

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None
**Recodes:** None
**Keywords:** right wrist joint disease; right wrist arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

*Which joint affected...wrist-right*

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
### Question ID: ACN.260_08.000

**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP8

#### Which joints are affected?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None  
**Recodes:** None  
**Keywords:** left wrist joint disease; left wrist arthritis  
**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**Which joint affected...wrist-left**

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<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ACN.260_09.000

**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP9

#### Which joints are affected?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None  
**Recodes:** None  
**Keywords:** right knee joint disease; right knee arthritis  
**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

**Which joint affected...knee-right**

<p>| | |</p>
<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<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>
### Which joints are affected?

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** left knee joint disease; left knee arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

<table>
<thead>
<tr>
<th>Which joint affected...knee-left</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</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>

### Which joints are affected?

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None

**Recodes:** None

**Keywords:** right ankle joint disease; right ankle arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

<table>
<thead>
<tr>
<th>Which joint affected...ankle-right</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
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<tr>
<td>7</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>
Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

Sources: None

Recodes: None

Keywords: left ankle joint disease; left ankle arthritis

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...ankle-left

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

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

Sources: None

Recodes: None

Keywords: right toes joint disease; right toes arthritis

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...toes-right

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACN.260_14.000

**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP14

**Which joints are affected?**

**Universe:** 
\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN ('997','999')) and } \text{JNTSYMP} = '1' \]

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None  
**Recodes:** None  
**Keywords:** left toes joint disease; left toes arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

#### Which joint affected...toes-left

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<tr>
<td>1</td>
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</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>

### Question ID: ACN.260_15.000

**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP15

**Which joints are affected?**

**Universe:** 
\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN ('997','999')) and } \text{JNTSYMP} = '1' \]

**Description:** Sample adults aged 18+ years who have joint pain/stiffness/swelling

**Sources:** None  
**Recodes:** None  
**Keywords:** right finger/thumb joint disease; right finger/thumb arthritis

**Notes:** Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

#### Which joint affected...fingers/thumb-right

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<td>1</td>
<td>Mentioned</td>
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<td>2</td>
<td>Not mentioned</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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<tr>
<td>9</td>
<td>Don't know</td>
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</table>
Question ID: ACN.260_16.000 Instrument Variable Name: JMTHP1-JMTHP17

Final Documentation Name: JMTHP16

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

Sources: None

Recodes: None

Keywords: left finger/thumb joint disease; left finger/thumb arthritis

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...fingers/thumb-left

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

Question ID: ACN.260_17.000 Instrument Variable Name: JMTHP1-JMTHP17

Final Documentation Name: JMTHP17

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'

Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

Sources: None

Recodes: None

Keywords: other joint disease; other arthritic joint

Notes: Since 2004, if JMTHP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMTHP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...other joint not listed

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Conditions  
PUBLIC USE  
Document Version Date: 24-May-13

**Question ID:** ACN.270_00.000  
**Instrument Variable Name:** JNTHCHR  
**Final Documentation Name:** JNTHCHR

**Did your joint symptoms FIRST begin more than 3 months ago?**

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<tr>
<td><strong>Universe:</strong></td>
<td>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>Sample adults aged 18+ years who have joint pain/stiffness/swelling</td>
</tr>
<tr>
<td><strong>Sources:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Keywords:</strong></td>
<td>arthritis; rheumatism; musculo-skeletal disease; diseased joints; joint symptoms</td>
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<tr>
<td><strong>Notes:</strong></td>
<td>None</td>
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<tr>
<td><strong>Joint symptoms begin more than 3 months ago</strong></td>
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<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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<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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</table>

**Question ID:** ACN.280_00.000  
**Instrument Variable Name:** JNTHP  
**Final Documentation Name:** JNTHP

**Have you EVER seen a doctor or other health professional for these joint symptoms?**

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<tbody>
<tr>
<td><strong>Universe:</strong></td>
<td>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'</td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>Sample adults aged 18+ years who have joint pain/stiffness/swelling</td>
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<tr>
<td><strong>Sources:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
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<tr>
<td><strong>Keywords:</strong></td>
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<tr>
<td><strong>Notes:</strong></td>
<td>None</td>
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<tr>
<td><strong>Ever seen doctor or health professional for joint symptoms</strong></td>
<td></td>
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<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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<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>
Have you EVER been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: arthritis; rheumatoid arthritis; gout; lupus; fibromyalgia
Notes: None

Ever been told you had arthritis

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

Are you now limited in any way in any of your usual activities because of arthritis or joint symptoms?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (JNTSYMP = '1' or ARTH1 = '1')
Description: Sample adults aged 18+ years who have joint symptoms or arthritis

Sources: None
Recodes: None
Keywords: arthritis; rheumatoid arthritis; gout; lupus; fibromyalgia; joint symptoms; activity limitation
Notes: None

Limited due to arthritis or joint symptoms

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
You just mentioned that you were told by a doctor or other health professional that you had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia (fy-bro-my-AL-jee-uh). Which of these were you told you had?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ARTH ='1'

Description: Sample adults 18+ years who have ever been told they had arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia

Keywords: arthritis; rheumatoid arthritis; RA

Notes: None

Ever told you had arthritis
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

You just mentioned that you were told by a doctor or other health professional that you had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia (fy-bro-my-AL-jee-uh). Which of these were you told you had?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ARTH ='1'

Description: Sample adults 18+ years who have ever been told they had arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia

Keywords: arthritis; rheumatoid arthritis; RA

Notes: None

Ever told you had rheumatoid arthritis
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
You just mentioned that you were told by a doctor or other health professional that you had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia (fy-bro-my-AL-jee-uh). Which of these were you told you had?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ARTH = '1'

Description: Sample adults 18+ years who have ever been told they had arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia

Ever told you had gout

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

You just mentioned that you were told by a doctor or other health professional that you had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia (fy-bro-my-AL-jee-uh). Which of these were you told you had?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ARTH = '1'

Description: Sample adults 18+ years who have ever been told they had arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia

Ever told you had lupus

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
You just mentioned that you were told by a doctor or other health professional that you had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia (fy-bro-my-AL-jee-uh). Which of these were you told you had?

**Question ID:** ACN.297_05.010  
**Instrument Variable Name:** RTHTYP1-ARTHTYP6  
**Final Documentation Name:** ARTHTYP5

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ARTH ='1'

**Description:** Sample adults 18+ years who have ever been told they had arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia

**Sources:** None  
**Recodes:** None  
**Keywords:** arthritis; fibromyalgia  
**Notes:** None

**Ever told you had fibromyalgia**
1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know

**Question ID:** ACN.297_06.010  
**Instrument Variable Name:** RTHTYP1-ARTHTYP6  
**Final Documentation Name:** ARTHTYP6

You just mentioned that you were told by a doctor or other health professional that you had some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia (fy-bro-my-AL-jee-uh). Which of these were you told you had?

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ARTH ='1'

**Description:** Sample adults 18+ years who have ever been told they had arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia

**Sources:** None  
**Recodes:** None  
**Keywords:** arthritis; other joint problem  
**Notes:** None

**Ever told you had other joint condition**
1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know
The following questions are about pain you may have experienced in the PAST THREE MONTHS. Please refer to pain that LASTED A WHOLE DAY OR MORE. Do not report aches and pains that are fleeting or minor.

**During the PAST THREE MONTHS, did you have ...Neck pain?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

<table>
<thead>
<tr>
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<th>Had neck pain, past 3 months</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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<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
</tr>
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</table>

**Question ID:** ACN.300_00.000  
**Instrument Variable Name:** PAINECK  
**Final Documentation Name:** PAINECK

Sources: None  
Recodes: None  
Keywords: neck pain; neck arthritis  
Notes: None

**Question ID:** ACN.310_00.000  
**Instrument Variable Name:** PAINLB  
**Final Documentation Name:** PAINLB

**During the PAST THREE MONTHS, did you have ...Low back pain?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

<table>
<thead>
<tr>
<th></th>
<th>Had low back pain, past 3 months</th>
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<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>
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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:** ACN.320_00.000  
**Instrument Variable Name:** PAINLEG  
**Final Documentation Name:** PAINLEG

**Did this pain spread down either leg to areas below the knees?**

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and PAINLB = '1'
- **Description:** Sample adults aged 18+ years with low back pain in the past 3 months

**Sources:** None  
**Recodes:** None  
**Keywords:** back pain; lower leg pain; sciatica; inter vertebral disc disorder  
**Notes:** Refer to ACN.300 (PAINECK) for question lead-in

<table>
<thead>
<tr>
<th>Pain spread down leg/below knees</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:** ACN.331_01.000  
**Instrument Variable Name:** PAINFACE  
**Final Documentation Name:** PAINFACE

**During the PAST THREE MONTHS, did you have ... Facial ache or pain in the jaw muscles or the joint in front of the ear?**

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
- **Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** facial joint pain; jaw muscle ache; facial muscle ache  
**Notes:** Refer to ACN.300 (PAINECK) for question lead-in

<table>
<thead>
<tr>
<th>Had pain in jaw/front of ear, past 3 months</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>

During the PAST THREE MONTHS, did you have ... Severe headache or migraine?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: severe headache; migraine headache; head pain
Notes: Refer to ACN.300 (PAINECK) for question lead-in

Had severe headache/migraine, past 3 m
- 1 Yes
- 2 No
- 7 Refused
- 8 Not ascertained
- 9 Don't know

Did you have a head cold or chest cold that started DURING THE LAST TWO WEEKS?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: head cold; chest cold; respiratory ailment
Notes: None

Had a head/chest cold past 2 w
- 1 Yes
- 2 No
- 7 Refused
- 8 Not ascertained
- 9 Don't know
Did you have a stomach or intestinal illness with vomiting or diarrhea that started DURING THE LAST TWO WEEKS?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: digestive disease; stomach/intestinal illness; diarrhea; vomiting

Notes: None

Had stomach prob w/vomit/diarrhea, 2 w

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

Are you currently pregnant?

Universe: ASTATFLG = '1' and (AGE <= '049') and SEX = '2'

Description: Sample Female adults aged 18-49 years

Sources: None

Recodes: None

Keywords: pregnant; with child

Notes: None

Currently pregnant

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.370_00.010  
**Instrument Variable Name:** PREGFLYR  
**Final Documentation Name:** PREGFLYR

**[fill: Were you pregnant any time since August 1st, [fill: LAST YEAR]?/Were you pregnant any time from August [fill: LAST YEAR] through March [fill: CURYEAR]?/Were you pregnant any time since August 1st, [fill: CURYEAR]?]**

**Universe:**  
ASTATFLG='1' and ('018' <= AGE <= '049') and SEX='2' and (PREGNOW IN('2','9') or (PREGNOW ='1' and INTERVIEW_MONTH IN('04','05','06','07')))

**Description:**  
Female sample adults 18-49 years of age who are not currently pregnant or who don't know if they are currently pregnant and interviewed April - July

**Sources:** None  
**Recodes:** None  
**Keywords:** recently pregnant  
**Notes:** None

#### Recently pregnant

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<td>8</td>
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<td>Don't know</td>
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**Question ID:** ACN.372_00.010  
**Instrument Variable Name:** MENSYR  
**Final Documentation Name:** MENSYR

**During the past 12 months, have you had any menstrual problems such as heavy bleeding, bothersome cramping, or pre-menstrual syndrome (also called PMS)?**

**Universe:**  
ASTATFLG='1' and (('018' <= AGE <= '055') and AGE not IN ('997','999')) and SEX='2'

**Description:**  
Female sample adults 18-55

**Sources:** None  
**Recodes:** None  
**Keywords:** menstruation; menstrual cramps; PMS  
**Notes:** None

#### Menstrual problems, past 12 months

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<td>9</td>
<td>Don't know</td>
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</table>
Question ID: ACN.372_00.020
Instrument Variable Name: MENOY
Final Documentation Name: MENOY

DURING THE PAST 12 MONTHS, have you had any menopausal problems such as hot flashes, night sweats, or other menopausal symptoms?

Universe: ASTATFLG='1' and ('045' <= AGE <= '057') and AGE not IN ('997','999') and SEX='2'

Description: Female sample adults 45-57

Sources: None
Recodes: None
Keywords: menopause; hot flashes; night sweats
Notes: None

Menopausal problems, past 12 months

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

Question ID: ACN.372_00.030
Instrument Variable Name: GYNY
Final Documentation Name: GYNY

DURING THE PAST 12 MONTHS, have you had any gynecologic problems such as a vaginal infection, uterine fibroids, or infertility?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX='2'

Description: Female sample adults 18+

Sources: None
Recodes: None
Keywords: gynecological problems; vaginal infection; uterine fibroids; infertility
Notes: None

Gynecological problems, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.372_00.040
Instrument Variable Name: PROSTYR
Final Documentation Name: PROSTYR

DURING THE PAST 12 MONTHS, have you had any men's health problems such as prostate trouble or impotence?

Universe: ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997','999')) and SEX='1'

Description: Male sample adults 40+

Sources: None
Recodes: None
Keywords: prostate; impotence; erectile dysfunction
Notes: None

Prostate problems, past 12 months

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

Question ID: ACN.400_00.000
Instrument Variable Name: HRAIDNOW
Final Documentation Name: HRAIDNOW

These next questions are about your hearing, vision, and teeth. Do you now use a hearing aid(s)?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: hearing aid
Notes: None

Now use a hearing aid

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Question ID: ACN.410_00.000

Have you ever used a hearing aid(s) in the past?

**Instrument Variable Name:** HRAIDEV  
**Final Documentation Name:** HRAIDEV

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and HRAIDNOW IN('2', '7', '9')

**Description:** 
Sample adults 18+ who do not now use a hearing aid or REF/DK whether they now use a hearing aid

| Sources: | None |
| Recodes: | None |
| Keywords: | hearing aid |
| Notes: | None |

**Ever used a hearing aid if not now using**

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<td>8</td>
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<td>9</td>
<td>Don't know</td>
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### Question ID: ACN.420_00.000

**Instrument Variable Name:** AHEARST1  
**Final Documentation Name:** AHEARST1

**WITHOUT the use of hearing aids or other listening devices, is your hearing excellent, good, a little trouble hearing, moderate trouble, a lot of trouble, or are you deaf?**

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

**Description:** 
Sample adults 18+

| Sources: | None |
| Recodes: | None |
| Keywords: | hearing, hearing aid |
| Notes: | None |

**Hearing w/o hearing aid**

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<tr>
<td>1</td>
<td>Excellent</td>
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<td>2</td>
<td>Good</td>
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<td>3</td>
<td>A little trouble hearing</td>
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<tr>
<td>4</td>
<td>Moderate trouble</td>
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<td>5</td>
<td>A lot of trouble</td>
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<tr>
<td>6</td>
<td>Deaf</td>
</tr>
<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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Do you have trouble seeing, even when wearing glasses or contact lenses?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

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<tr>
<th>Trouble seeing even w/glasses/lenses</th>
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Are you blind or unable to see at all?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISION = '1'

Description: Sample adults aged 18+ years who have trouble seeing when wearing glasses/lenses

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<thead>
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<th>Blind or unable to see at all</th>
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**Have you lost all of your upper and lower natural (permanent) teeth?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** upper teeth loss; edentulous-upper teeth; lower teeth loss; edentulous-lower teeth

**Notes:** None

1. **Yes**
2. **No**
3. **Refused**
4. **Not ascertained**
5. **Don't know**

**During the PAST 30 DAYS, how often did you feel ... so sad that nothing could cheer you up?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** depression; sadness; low feeling; morose; emotional/mental health

**Notes:** None

1. **ALL of the time**
2. **MOST of the time**
3. **SOME of the time**
4. **A LITTLE of the time**
5. **NONE of the time**
6. **Refused**
7. **Not ascertained**
8. **Don't know**
During the PAST 30 DAYS, how often did you feel ... nervous?

**Instrument Variable Name:** NERVOUS

**Final Documentation Name:** NERVOUS

**Question ID:** ACN.471_02.000

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** nervous; irritable; emotional/mental health

**Notes:** None

How often felt nervous, past 30 days

1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
6. Refused
7. Not ascertained
8. Don't know

---

**Question ID:** ACN.471_03.000

**Instrument Variable Name:** RESTLESS

**Final Documentation Name:** RESTLESS

**During the PAST 30 DAYS, how often did you feel .... restless or fidgety?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** restless; fidgety; emotional/mental health

**Notes:** None

How often restless/fidgety, past 30 days

1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
6. Refused
7. Not ascertained
8. Don't know

During the PAST 30 DAYS, how often did you feel .... hopeless?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: depression, hopeless; emotional/mental health

Notes: None

How often felt hopeless, past 30 days
1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
7. Refused
8. Not ascertained
9. Don't know

During the PAST 30 DAYS, how often did you feel .... that everything was an effort?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: lack vitality; disinterest; stress; emotional/mental health

Notes: None

How often felt everything was an effort, past 30 days
1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
7. Refused
8. Not ascertained
9. Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 24-May-13

Question ID: ACN.471_06.000
Instrument Variable Name: WORTHLS
Final Documentation Name: WORTHLS

During the PAST 30 DAYS, how often did you feel .... worthless?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

How often felt worthless, past 30 days
1  ALL of the time
2  MOST of the time
3  SOME of the time
4  A LITTLE of the time
5  NONE of the time
7  Refused
8  Not ascertained
9  Don't know

Question ID: ACN.530_00.000
Instrument Variable Name: MHAMTMO
Final Documentation Name: MHAMTMO

We just talked about a number of feelings you had during the PAST 30 DAYS. Altogether, how MUCH did these feelings interfere with your life or activities: a lot, some, a little, or not at all?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (SAD IN('1','2','3') or NERVOUS IN ('1','2','3') or RESTLESS IN ('1','2','3') or HOPELESS IN ('1','2','3') or EFFORT IN ('1','2','3') or WORTHLS IN ('1','2','3'))
Description: Sample adults aged 18+ years who, at least some of the time, have felt sad, nervous, restless or fidgety, hopeless, that everything was an effort, or worthless, in the past 30 days.

Feelings interfered w/life, past 30 days
1  A lot
2  Some
3  A little
4  Not at all
7  Refused
8  Not ascertained
9  Don't know
These next questions are about problems with your voice, swallowing, speech, or language. Please do not tell us about problems that resulted from drinking alcohol or were caused by use of illicit drugs.

**DURING THE PAST 12 MONTHS, have you had any problems or difficulties with your VOICE, such as having a hoarse, raspy, or strained voice, or with difficulty speaking loud enough to be heard?**

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: None

Notes: None

Voice problem past 12 months

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

**DURING THE PAST 12 MONTHS, have you had a SWALLOPING problem, such as difficulty eating solid food, taking pills, or drinking beverages?**

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: None

Notes: None

Swallowing problem past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Question ID: ACD.020_00.000

**Instrument Variable Name:** VSLSPYR  
**Final Documentation Name:** VSLSPYR

**DURING THE PAST 12 MONTHS, have you had a SPEECH problem, such as stuttering, repeating words, or not being able to pronounce words properly?**

*Read if necessary: This refers to the language you are most comfortable with, not a foreign language.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

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

### Question ID: ACD.025_00.000

**Instrument Variable Name:** VSLLGYR  
**Final Documentation Name:** VSLLGYR

**DURING THE PAST 12 MONTHS, have you had a LANGUAGE problem, such as problems using or understanding words or sentences?**

*Read if necessary: This refers to the language you are most comfortable with, not a foreign language.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
**Question ID:** ACD.030_00.000

**Instrument Variable Name:** VSLSPEC

**Final Documentation Name:** VSLSPEC

**Before age 18, did you ever receive SPECIAL SERVICES or INSTRUCTION for a problem with your voice, speech, or language, for example, pronunciation, using or understanding words or sentences, or in reading?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

Special services or instruction for problem(s)

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

---

**Question ID:** ACD.035_00.000

**Instrument Variable Name:** VSLEVER

**Final Documentation Name:** VSLEVER

**Have you EVER had a voice, swallowing, speech, or language problem that lasted a week or longer?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVYR IN ('2','7','9') and VSLSWYR IN ('2','7','9') and VSLSPYR IN ('2','7','9') and VSLLGYR IN ('2','7','9')

**Description:** Sample adults 18+ who haven't had any voice, swallowing, speech or language problems in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

Ever had voice, swallowing, speech, or language problem lasting 1+ weeks

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Did a doctor or other health professional EVER tell you a diagnosis or reason for a voice, swallowing, speech, or language problem?

**Question ID:** ACD.040_00.000  
**Instrument Variable Name:** VSLHPD  
**Final Documentation Name:** VSLHPD

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (VSLVYR ='1' or VSLSWYR =1' or VSLSPYR =1' or VSLLGYR =1') or VSLEVER =1'

**Description:** Sample adults 18+ who have had a voice, swallowing, speech or language problem in the past 12 months or who have ever had a voice, swallowing, speech or language problem

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

**Given diagnosis for voice, swallowing, speech, language problem**

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

**Question ID:** ACD.045_01.000  
**Instrument Variable Name:** VSLDGTP1-VSLDGTP4  
**Final Documentation Name:** VSLDGTP1

**For which problem(s)?**

*Read if necessary: Was this for problems with your voice, swallowing, speech, or language?*

*Enter all that apply, separate with commas.*

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLHPD =1'

**Description:** Sample adults 18+ who have ever had a diagnosis for a voice, swallowing, speech or language problem that lasted for a week or longer

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

**Given diagnosis for voice problem**

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don’t know
**For which problem(s)?**

*Read if necessary: Was this for problems with your voice, swallowing, speech, or language?*

*Enter all that apply, separate with commas.*

| Universe: | ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLHPD = '1' |
| Sources: | None |
| Recodes: | None |
| Keywords: | None |
| Notes: | None |

**Given diagnosis for swallowing problem**

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

---

**For which problem(s)?**

*Read if necessary: Was this for problems with your voice, swallowing, speech, or language?*

*Enter all that apply, separate with commas.*

| Universe: | ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLHPD = '1' |
| Sources: | None |
| Recodes: | None |
| Keywords: | None |
| Notes: | None |

**Given diagnosis for speech problem**

| 1 | Mentioned |
| 2 | Not mentioned |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

samadult : Adult Communication Disorders

PUBLIC USE

Document Version Date: 24-May-13

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**Question ID:** ACD.045_04.000  
**Instrument Variable Name:** VSLDGTP1-VSLDGTP4  
**Final Documentation Name:** VSLDGTP4

---

**For which problem(s)?**

*Read if necessary: Was this for problems with your voice, swallowing, speech, or language?*

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLHPD = '1'

**Description:** Sample adults 18+ who have ever had a diagnosis for a voice, swallowing, speech or language problem that lasted for a week or longer

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

Given diagnosis for language problem

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<td>1</td>
<td>Mentioned</td>
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<td>2</td>
<td>Not mentioned</td>
</tr>
<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>
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**Question ID:** ACD.050_01.000  
**Instrument Variable Name:** VSLVDG01-VSLVDG11  
**Final Documentation Name:** VSLVDG01

---

**What diagnoses or reasons were you told caused your voice problems?**

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP1 = '1'

**Description:** Sample adults 18+ who have ever had a diagnosis for a voice problem that lasted a week or longer

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

Laryngitis caused by voice misuse, abuse, overuse caused voice problem

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<td>Not mentioned</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>9</td>
<td>Don't know</td>
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</table>
What diagnoses or reasons were you told caused your voice problems?

*Enter all that apply, separate with commas.

<table>
<thead>
<tr>
<th>Diagnosis/Reason</th>
<th>Code</th>
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<tbody>
<tr>
<td>Laryngitis caused by colds/strep caused voice problem</td>
<td>1 Mentioned</td>
</tr>
<tr>
<td></td>
<td>2 Not mentioned</td>
</tr>
<tr>
<td></td>
<td>7 Refused</td>
</tr>
<tr>
<td></td>
<td>8 Not ascertained</td>
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<td></td>
<td>9 Don't know</td>
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Question ID: ACD.050_03.000

What diagnoses or reasons were you told caused your voice problems?

*Enter all that apply, separate with commas.

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<thead>
<tr>
<th>Diagnosis/Reason</th>
<th>Code</th>
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<tr>
<td>Vocal nodules or polyps caused voice problem</td>
<td>1 Mentioned</td>
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<tr>
<td></td>
<td>2 Not mentioned</td>
</tr>
<tr>
<td></td>
<td>7 Refused</td>
</tr>
<tr>
<td></td>
<td>8 Not ascertained</td>
</tr>
<tr>
<td></td>
<td>9 Don't know</td>
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</table>
What diagnoses or reasons were you told caused your voice problems?

*Enter all that apply, separate with commas.

Universe:  ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP1 ='1'

Description:  Sample adults 18+ who have ever had a diagnosis for a voice problem that lasted a week or longer

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

Gastro-esophageal reflux disease (GERD) caused voice problem

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

What diagnoses or reasons were you told caused your voice problems?

*Enter all that apply, separate with commas.

Universe:  ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP1 ='1'

Description:  Sample adults 18+ who have ever had a diagnosis for a voice problem that lasted a week or longer

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

Allergies caused voice problem

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What diagnoses or reasons were you told caused your voice problems?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP1 =1'

Description: Sample adults 18+ who have ever had a diagnosis for a voice problem that lasted a week or longer

Airborne irritants or environmental pollutants caused voice problem

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

Head/neck injury caused voice problem

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What diagnoses or reasons were you told caused your voice problems?  
*Enter all that apply, separate with commas.

Cancer anywhere in the head, neck, or throat caused voice problem
1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don't know

Neurological cause (Alzheimer's, Parkinson's, dementia, etc.) caused voice problem
1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don't know
What diagnoses or reasons were you told caused your voice problems?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP1 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a voice problem that lasted a week or longer

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

Prescription medication or drugs caused voice problem

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

Something else caused voice problem

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP2 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

Stroke caused swallowing problem

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

What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP2 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

Neurological cause (Alzheimer's, Parkinson's, post-polio syndrome, dementia, etc.) caused swallowing problem

1     Mentioned
2     Not mentioned
7     Refused
8     Not ascertained
9     Don't know
What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: \( \text{ASTATFLG='1'} \quad \text{and} \quad \text{AGE GE '018'} \quad \text{and} \quad \text{AGE not IN ('997','999')} \quad \text{and} \quad \text{VSLDGTP2 ='1'} \)

Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

Cancer anywhere in the head, neck, or throat caused swallowing problem

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

What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: \( \text{ASTATFLG='1'} \quad \text{and} \quad \text{AGE GE '018'} \quad \text{and} \quad \text{AGE not IN ('997','999')} \quad \text{and} \quad \text{VSLDGTP2 ='1'} \)

Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

Chronic obstructive pulmonary disease (COPD) caused swallowing problem

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACD.060_05.000
Instrument Variable Name: VSLSWD05
Final Documentation Name: VSLSWDG01-VSLSWDG10

What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP2='1'

Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

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

Congestive heart failure (CHF) caused swallowing problem

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

Question ID: ACD.060_06.000
Instrument Variable Name: VSLSWD05
Final Documentation Name: VSLSWDG01-VSLSWDG10

What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP2='1'

Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

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

Head/neck injury caused swallowing problem

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP2 = '1'
Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

Arthritic changes in the neck (arthritis, cervical osteophyte) caused swallowing problem

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

Advancing age (deterioration of muscle function with age...sarcopenia) caused swallowing problem

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP2 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

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

Prescription medication or drugs caused swallowing problem

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

What diagnoses or reasons were you told caused your problems swallowing?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP2 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a swallowing problem that lasted a week or longer

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

Something else caused swallowing problem

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP3 ='1'

Description: Sample adults 18+ who have ever had a diagnosis for a speech problem that lasted a week or longer

Hearing loss or deafness caused speech problem

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

What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP3 ='1'

Description: Sample adults 18+ who have ever had a diagnosis for a speech problem that lasted a week or longer

Developmental speech sound disorder (phonological, articulatory, dyspraxia) caused speech problem

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

Universe:  ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP3 ='1'

Description:  Sample adults 18+ who have ever had a diagnosis for a speech problem that lasted a week or longer

Cerebral palsy caused speech problem

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

What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

Universe:  ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP3 ='1'

Description:  Sample adults 18+ who have ever had a diagnosis for a speech problem that lasted a week or longer

Cleft lip/palate, cranial-facial anomaly (structural cause) caused speech problem

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP3 =1'

Description: Sample adults 18+ who have ever had a diagnosis for a speech problem that lasted a week or longer

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

---

Head/neck injury caused speech problem

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

---

What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP3 =1'

Description: Sample adults 18+ who have ever had a diagnosis for a speech problem that lasted a week or longer

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

Stuttering caused speech problem

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACD.065_07.000
Instrument Variable Name: VSLSPDG01-VSLSPDG10
Final Documentation Name: VSLSPD07

What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP3 = '1'
Description: Sample adults 18+ who have ever had a diagnosis for a speech problem that lasted a week or longer

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

Cancer anywhere in the head, neck, or throat caused speech problem

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

Question ID: ACD.065_08.000
Instrument Variable Name: VSLSPDG01-VSLSPDG10
Final Documentation Name: VSLSPD08

What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP3 = '1'
Description: Sample adults 18+ who have ever had a diagnosis for a speech problem that lasted a week or longer

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

Neurological cause/dysarthria (Alzheimer's, Parkinson's, ALS, multiple sclerosis, dementia, etc.) caused speech problem

1   Mentioned
2   Not mentioned
7   Refused
8   Not ascertained
9   Don't know
### Question ID: ACD.065_09.000
#### Instrument Variable Name: VSLSPDG01-VSLSPDG10
#### Final Documentation Name: VSLSPD09

What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

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

#### Prescription medication or drugs caused speech problem

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<th>8 Not ascertained</th>
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### Question ID: ACD.065_10.000
#### Instrument Variable Name: VSLSPDG01-VSLSPDG10
#### Final Documentation Name: VSLSPD10

What diagnoses or reasons were you told caused your speech problems?

*Enter all that apply, separate with commas.

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

#### Something else caused speech problem

<table>
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<th>7 Refused</th>
<th>8 Not ascertained</th>
<th>9 Don't know</th>
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</table>
What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP4 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

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

Hearing loss or deafness caused problems using or understanding words or sentences

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

What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP4 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

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

Genetic syndrome: Down Syndrome, Fragile X Syndrome, etc. cause problems using or understanding words or sentences

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP4 ='1'

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

Intellectual disability, also known as mental retardation caused problem using or understanding words or sentences

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

Autism spectrum disorder caused problem using or understanding words or sentences

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and VSLDGTP4 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

Developmental Language-Learning Disorder (e.g. Specific Language Impairment (SLI), learning disability, or dyslexia) cause problem using or understanding words or sentences

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

What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and VSLDGTP4 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

Other developmental delay caused problem using or understanding words or sentences

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: $\text{ASTATFLG} = 1$ and $(\text{AGE} \geq 18$ and $\text{AGE}$ not in (997,999)) and $\text{VSLDGTP4} = 1$

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

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

Head injury, traumatic brain injury (TBI) caused problem using or understanding words or sentences

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

Stroke/aphasia caused problem using or understanding words or sentences

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP4 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

Dementia or other neurological cause (Alzheimer's, Parkinson's, etc.) caused problem using or understanding words or sentences

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

What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP4 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

Prescription medication or drugs caused problem using or understanding words or sentences

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What diagnoses or reasons were you told caused your problems using or understanding words or sentences?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLDGTP4 = '1'

Description: Sample adults 18+ who have ever had a diagnosis for a language problem that lasted a week or longer

Sources: None

Recodes: None

Keywords: None

Notes: None

Something else caused problem using or understanding words or sentences

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

How many days in the past year did you have voice problems?

*Enter '7' for one week.

*Enter '30' for one month.

*Enter '365' for one year.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVYR = '1'

Description: Sample adults 18+ who had a voice problem in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Number of days had voice problems in past year

001-365  1-365
997    Refused
998    Not ascertained
999    Don't know
How many days in the past year did you have problems swallowing?

*Enter '7' for one week.

*Enter '30' for one month.

*Enter '365' for one year.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWYR ='1'

Description: Sample adults 18+ who had a swallowing problem in the past 12 months

Number of days had swallowing problems in past year

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How many days in the past year did you have speech problems?

*Enter '7' for one week.

*Enter '30' for one month.

*Enter '365' for one year.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPYR ='1'

Description: Sample adults 18+ who had a speech problem in the past 12 months

Number of days had speech problems in past year

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<td>001-365</td>
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<td>Refused</td>
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<tr>
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<tr>
<td>999</td>
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</table>
How many days in the past year did you have problems using or understanding words or sentences?

*Enter '7' for one week.

*Enter '30' for one month.

*Enter '365' for one year.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGYR = '1'

Description: Sample adults 18+ who had a language problem in the past 12 months

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

Number of days had problems using or understanding words or sentences

001-365  1-365
997    Refused
998    Not ascertained
999    Don't know

Altogether, did your voice problems last a week or longer?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVDYS = '999'

Description: Sample adults 18+ who had a voice problem in the past 12 months who don't know how many days in the past year they have had this problem

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

Voice problems last 1+ weeks

1    Yes
2    No
7    Refused
8    Not ascertained
9    Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Communication Disorders
PUBLIC USE
Document Version Date: 24-May-13

Question ID: ACD.095_00.000
Instrument Variable Name: VSLSW1WK
Final Documentation Name: VSLSW1WK

Altogether, did your problems swallowing last a week or longer?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWDYS ='999'
Description: Sample adults 18+ who had a swallowing problem in the past 12 months who don't know how many days in the past year they have had this problem

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

Swallowing problems last 1+ weeks
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACD.100_00.000
Instrument Variable Name: VSLSP1WK
Final Documentation Name: VSLSP1WK

Altogether, did your speech problems last for a week or longer?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPDYS ='999'
Description: Sample adults 18+ who had a speech problem in the past 12 months who don't know how many days in the past year they have had this problem

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

Speech problems last 1+ weeks
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Question ID: ACD.105_00.000

**Instrument Variable Name:** VSLLG1WK

**Final Documentation Name:** VSLLG1WK

**Altogether, did your problems using or understanding words or sentences last for a week or longer?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGDYS = '999'

**Description:** Sample adults 18+ who had a language problem in the past 12 months who don't know how many days in the past year they have had this problem

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Problems using or understanding words or sentences last 1+ weeks**

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<td>2</td>
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<tr>
<td>7</td>
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<td>8</td>
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</table>

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

**Instrument Variable Name:** VSLSTUTT

**Final Documentation Name:** VSLSTUTT

**DURING THE PAST 12 MONTHS, have you had a problem with stuttering or stammering?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ((007 <= VSSLSPDYS <= 365) or VSSLSP1WK = '1')

**Description:** Sample adults 18+ with a speech problem in the past 12 months for a week or longer

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Stammering or stuttering problem in past 12 months**

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<tr>
<td>1</td>
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<tr>
<td>8</td>
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</table>
Question ID: ACD.115_00.000

Instrument Variable Name: VSLSTDEG

Final Documentation Name: VSLSTDEG

Would you describe your stuttering or stammering as mild, moderate, or severe?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSTUTT ='1'

Description: Sample adults 18+ with a stuttering or stammering problem in the past 12 months for a week or longer

Sources: None

Recodes: None

Keywords: None

Notes: None

Degree of stammering or stuttering problem

1 Mild
2 Moderate
3 Severe
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACD.120_00.000

Instrument Variable Name: VSLLGFAM

Final Documentation Name: VSLLGFAM

DURING THE PAST 12 MONTHS, have your family members, friends, or associates had trouble understanding what you say?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ((007 <= VSLLGDYS <= '365') or VSLLG1WK = '1')

Description: Sample adults 18+ with a language problem in the past 12 months for a week or longer

Sources: None

Recodes: None

Keywords: None

Notes: None

Family, friends, associates had trouble understanding what you say in past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
At what age did you FIRST begin to have any voice problems?

* Enter '0' if since birth.

Universe:
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (007 <= VSLV1WK = '1')

Description: Sample adults 18+ with a voice problem in the past 12 months for a week or longer

Age first had voice problems

000-120 Current Age
997 Refused
998 Not ascertained
999 Don't know

At what age did you FIRST begin to have any problems swallowing?

* Enter '0' if since birth.

Universe:
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (007 <= VSLSW1WK = '1')

Description: Sample adults 18+ with a swallowing problem in the past 12 months for a week or longer

Age first had swallowing problems

000-120 Current Age
997 Refused
998 Not ascertained
999 Don't know
At what age did you FIRST begin to have any speech problems?
* Enter '0' if since birth.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ((007 <= VSLSPDYS <= '365') or VSLSP1WK = '1')

Description: Sample adults 18+ with a speech problem in the past 12 months for a week or longer

Age first had speech problems

000-120 Current Age
997 Refused
998 Not ascertained
999 Don't know

At what age did you FIRST begin to have any problems using or understanding words or sentences?
* Enter '0' if since birth.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ((007 <= VSLLGDYS <= '365') or VSLLG1WK = '1')

Description: Sample adults 18+ with a language problem in the past 12 months for a week or longer

Age first had problems using or understanding words or sentences

000-120 Current Age
997 Refused
998 Not ascertained
999 Don't know
DURING THE PAST 12 MONTHS, how much of a problem did you have with your voice? Would you say it was...

*Read categories below

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ((007 <= VSLVDYS <= '365') or VSLV1WK='1')

Description: Sample adults 18+ with a voice problem in the past 12 months for a week or longer

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

How much of a problem with your voice in past 12 months

1       No problem
2       A small problem
3       A moderate problem
4       A big problem
5       A very big problem
7       Refused
8       Not ascertained
9       Don't know
DURING THE PAST 12 MONTHS, how much of a swallowing problem did you have? Would you say it was...

*Read categories below

Universe: $\text{ASTATFLG} = '1' \text{ and (AGE GE '018' and AGE not IN ('997','999') and (('007' <= VSLSWDYS <= '365') or VSLSW1WK = '1'))}$

Description: Sample adults 18+ with a swallowing problem in the past 12 months for a week or longer

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<tr>
<th>How much of a problem with swallowing in past 12 months</th>
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<tbody>
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</table>
DURING THE PAST 12 MONTHS, how much of a problem did you have with your speech? Would you say it was...

*Read categories below

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ( ('007' <= VSLSPDYS <= '365') or VSLSPIWK = '1')

Description: Sample adults 18+ with a speech problem in the past 12 months for a week or longer

How much of a problem with speech in the past 12 months

1 No problem
2 A small problem
3 A moderate problem
4 A big problem
5 A very big problem
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACD.160_00.000  
**Instrument Variable Name:** VSLLGPRB  
**Final Documentation Name:** VSLLGPRB

**DURING THE PAST 12 MONTHS, how much of a problem did you have using or understanding words or sentences? Would you say it was...**

*Read categories below*

**Universe:** ASTATFLG="1" and (AGE GE '018' and AGE not IN ('997','999')) and ('007' <= VSLLDYS <= '365') or VSLLG1WK ="1"

**Description:** Sample adults 18+ with a language problem in the past 12 months for a week or longer

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<th>A moderate problem</th>
<th>A big problem</th>
<th>A very big problem</th>
<th>Refused</th>
<th>Not ascertained</th>
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**Question ID:** ACD.165_00.000  
**Instrument Variable Name:** VSLVSLP  
**Final Documentation Name:** VSLVSLP

**DURING THE PAST 12 MONTHS, have you seen a speech-language pathologist (SLP) or other health care professional about your voice problems?**

**Universe:** ASTATFLG="1" and (AGE GE '018' and AGE not IN ('997','999')) and ('007' <= VSLVDYS <= '365') or VSLV1WK ="1"

**Description:** Sample adults 18+ with a voice problem in the past 12 months for a week or longer

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**2012 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
**samadult : Adult Communication Disorders**  
PUBLIC USE  
Document Version Date: 24-May-13

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**Have you EVER seen a speech-language pathologist (SLP) or other health care professional about your voice problems?**

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVSLP = '2'

**Description:**  
Sample adults 18+ who have not seen a speech-language pathologist or other health care professional about a voice problem in the past 12 months

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Ever seen speech-language pathologist (SLP) or other health care professional about voice problem?

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

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**DURING THE PAST 12 MONTHS, have you seen a speech-language pathologist (SLP) or other health care professional about your problems swallowing?**

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ((007 <= VSLSWDYS <= 365) or VSLSW1WK = '1')

**Description:**  
Sample adults 18+ with a swallowing problem in the past 12 months for a week or longer

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<tr>
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<td>Notes: None</td>
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Seen speech-language pathologist (SLP) or other health care professional for swallowing problem in past 12 months

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: ACD.180_00.000

Have you EVER seen a speech-language pathologist (SLP) or other health care professional about your problems swallowing?

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Question ID: ACD.185_00.000

DURING THE PAST 12 MONTHS, have you seen a speech-language pathologist (SLP) or other health care professional about your speech problems?

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Have you EVER seen a speech-language pathologist (SLP) or other health care professional about your speech problems?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPSLP ='2'

Description: Sample adults 18+ who have not seen a speech-language pathologist or other health care professional about a speech problem in the past 12 months

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DURING THE PAST 12 MONTHS, have you seen a speech-language pathologist (SLP) or other health care professional about your problems using or understanding words or sentences?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (('007' <= VSLLG1WK  <= '365') or (VSLG1WDY <= '365'))

Description: Sample adults 18+ with a language problem in the past 12 months for a week or longer

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</table>
Have you EVER seen a speech-language pathologist (SLP) or other health care professional about your problems using or understanding words or sentences?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGSLP = '2'

Description: Sample adults 18+ who have not seen a speech-language pathologist or other health care professional about a language problem in the past 12 months

Questions:

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

DURING THE PAST 12 MONTHS, have you received treatments, therapy, or other rehabilitation services for your voice problems?

Universe: (AGE GE '018' and AGE not IN ('997','999')) and ('007' <= VSLVDYS <= '365') or VSLV1WK = '1'

Description: Sample adults 18+ with a voice problem in the past 12 months for a week or longer

Questions:

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: ACD.210_01.000

Who provided this (for your voice problems),__?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

Speech-language pathologist provided voice services
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACD.210_02.000

Who provided this (for your voice problems),__?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

Family physician, General Practitioner, or Osteopath provided voice services
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Who provided this (for your voice problems)?

*Enter all that apply, separate with commas.

Rehabilitation Specialist (Occupational or Physical Therapist) provided voice services

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

Ear, Nose, Throat Doctor (Otolaryngologist) provided voice services

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACD.210_05.000

**Who provided this (for your voice problems)?**

*Enter all that apply, separate with commas.*

**Universe:**
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

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Audiologist, Hearing Specialist, or Hearing Aid Technician provided voice services

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### Question ID: ACD.210_06.000

**Who provided this (for your voice problems)?**

*Enter all that apply, separate with commas.*

**Universe:**
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

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Specialty doctor in Internal Medicine, Geriatrics, Neurology, etc. provided voice services

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### Question ID: ACD.210_07.000  
Instrument Variable Name: VSLVTRW01-VSLVTRW11  
Final Documentation Name: VSLVTR07

**Who provided this (for your voice problems)?**

*Enter all that apply, separate with commas.*

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT ='1'

**Description:**  
Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
None

**Notes:**  
None

#### Nutritionist or Dietician provided voice services

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### Question ID: ACD.210_08.000  
Instrument Variable Name: VSLVTRW01-VSLVTRW11  
Final Documentation Name: VSLVTR08

**Who provided this (for your voice problems)?**

*Enter all that apply, separate with commas.*

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT ='1'

**Description:**  
Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
None

**Notes:**  
None

#### Psychiatrist or Psychologist provided voice services

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**Who provided this (for your voice problems)?**

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT '='1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

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Nurse or Nurse Practitioner provided voice services

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

Dentist, Orthodontist, or Oral Surgeon provided voice services

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
Who provided this (for your voice problems)?

*Enter all that apply, separate with commas.

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

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

Some other health professional provided voice services

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

---

**Question ID:** ACD.215_00.000

**Instrument Variable Name:** VSLSWTRT

**Final Documentation Name:** VSLSWTRT

**DURING THE PAST 12 MONTHS, have you received treatments, therapy, or other rehabilitation services for your problems swallowing?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ((007 <= VSLSWDYS <= '365') or VSLSW1WK = '1')

**Description:** Sample adults 18+ with a swallowing problem in the past 12 months for a week or longer

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

Received treatments, therapy, or other rehabilitation services for swallowing problems in past 12 months

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Who provided this (for your problems swallowing)?
*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

Speech-language pathologist provided swallowing services
1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

Family physician, General Practitioner, or Osteopath provided swallowing services
1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Who provided this (for your problems swallowing)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and VSLSWTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

Rehabilitation Specialist (Occupational or Physical Therapist) provided swallowing services

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

Who provided this (for your problems swallowing)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and VSLSWTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

Ear, Nose, Throat Doctor (Otolaryngologist) provided swallowing services

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACD.220_05.000

**Who provided this (for your problems swallowing)?**

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

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Audiologist, Hearing Specialist, or Hearing Aid Technician provided swallowing services

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

### Question ID: ACD.220_06.000

**Who provided this (for your problems swallowing)?**

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

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Specialty doctor in Internal Medicine, Geriatrics, Neurology, etc. provided swallowing services

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
**Question ID:** ACD.220_07.000  
**Instrument Variable Name:** VSLSWTRW01-VSLSWTRW11  
**Final Documentation Name:** VSLSWT07

**Who provided this (for your problems swallowing)?**

*Enter all that apply, separate with commas.

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

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**Nutritionist or Dietician provided swallowing services**

**Question ID:** ACD.220_08.000  
**Instrument Variable Name:** VSLSWTRW01-VSLSWTRW11  
**Final Documentation Name:** VSLSWT08

**Who provided this (for your problems swallowing)?**

*Enter all that apply, separate with commas.

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

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</table>
Who provided this (for your problems swallowing)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

Nurse or Nurse Practitioner provided swallowing services

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

Dentist, Orthodontist, or Oral Surgeon provided swallowing services

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
### Who provided this (for your problems swallowing)?

*Enter all that apply, separate with commas.*

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Some other health professional provided swallowing services

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

### DURING THE PAST 12 MONTHS, have you received treatments, therapy, or other rehabilitation services for your speech problems?

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<td>Sample adults 18+ with a speech problem in the past 12 months for a week or longer</td>
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<td>None</td>
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Received treatments, therapy, or other rehabilitation services for speech problems in past 12 months

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Who provided this (for your speech problems)?
*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

Speech-language pathologist provided speech services
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Who provided this (for your speech problems)?

Family physician, General Practitioner, or Osteopath provided speech services
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Who provided this (for your speech problems)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

Rehabilitation Specialist (Occupational or Physical Therapist) provided speech services

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Ear, Nose, Throat Doctor (Otolaryngologist) provided speech services

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### Question ID: ACD.230_05.000

**Who provided this (for your speech problems)?**

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

Audiologist, Hearing Specialist, or Hearing Aid Technician provided speech services

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### Question ID: ACD.230_06.000

**Who provided this (for your speech problems)?**

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

Specialty doctor in Internal Medicine, Geriatrics, Neurology, etc. provided speech services

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Who provided this (for your speech problems)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

Nutritionist or Dietician provided speech services

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Psychiatrist or Psychologist provided speech services

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</table>
**Question ID:** ACD.230_09.000

**Who provided this (for your speech problems)?**

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and VSLSPTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

Nurse or Nurse Practitioner provided speech services

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

---

**Question ID:** ACD.230_10.000

**Who provided this (for your speech problems)?**

*Enter all that apply, separate with commas.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and VSLSPTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

Dentist, Orthodontist, or Oral Surgeon provided speech services

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
Who provided this (for your speech problems)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

Some other health professional provided speech services

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

DURING THE PAST 12 MONTHS, have you received treatments, therapy, or other rehabilitation services, for your problems using or understanding words or sentences?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (('007' <= VSLLGDYS  <= '365') or VSLLG1WK ='1')

Description: Sample adults 18+ with a language problem in the past 12 months for a week or longer

Received treatments, therapy, or other rehabilitation services for problems using or understanding words or sentences in past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Who provided this (for your problems using or understanding words or sentences)?

*Enter all that apply, separate with commas.

Universe:  ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

Speech-language pathologist provided language services

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

Who provided this (for your problems using or understanding words or sentences)?

*Enter all that apply, separate with commas.

Universe:  ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

Family physician, General Practitioner, or Osteopath provided language services

1    Mentioned
2    Not mentioned
7    Refused
8    Not ascertained
9    Don't know
Who provided this (for your problems using or understanding words or sentences)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

Rehabilitation Specialist (Occupational or Physical Therapist) provided language services

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

Ear, Nose, Throat Doctor (Otolaryngologist) provided language services

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
Who provided this (for your problems using or understanding words or sentences)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

Specialty doctor in Internal Medicine, Geriatrics, Neurology, etc. provided language services

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Who provided this (for your problems using or understanding words or sentences)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

Nutritionist or Dietician provided language services

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
### Question ID: ACD.240_09.000
#### Instrument Variable Name: VSSLGTRW01-VSSLGTRW11
#### Final Documentation Name: VSSLGT09

**Who provided this (for your problems using or understanding words or sentences)?**

*Enter all that apply, separate with commas.

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and VSSLGTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

- Nurse or Nurse Practitioner provided language services
  - 1 Mentioned
  - 2 Not mentioned
  - 7 Refused
  - 8 Not ascertained
  - 9 Don't know

### Question ID: ACD.240_10.000
#### Instrument Variable Name: VSSLGTRW01-VSSLGTRW11
#### Final Documentation Name: VSSLGT10

**Who provided this (for your problems using or understanding words or sentences)?**

*Enter all that apply, separate with commas.

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and VSSLGTRT = '1'

**Description:** Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

- Dentist, Orthodontist, or Oral Surgeon provided language services
  - 1 Mentioned
  - 2 Not mentioned
  - 7 Refused
  - 8 Not ascertained
  - 9 Don't know
Who provided this (for your problems using or understanding words or sentences)?

*Enter all that apply, separate with commas.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

Some other health professional provided language services

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

Did the treatments or other rehabilitation services for your voice problems make your personal or social life better?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a voice problem in the past 12 months

Did treatments or other rehabilitation services for voice problem make personal or social life better?

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Did the treatments or other rehabilitation services for your problems swallowing make your personal or social life better?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

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Did the treatments or other rehabilitation services for your speech problems make your personal or social life better?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPTRT = '1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a speech problem in the past 12 months

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Did the treatments or other rehabilitation services for your problems using or understanding words or sentences make your personal or social life better?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGTRT ='1'

Description: Sample adults 18+ who have received treatment/rehabilitative services for a language problem in the past 12 months

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

Did treatments or other rehabilitation services for problem using or understanding words or sentences make personal or social life better?
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Did the treatments or other rehabilitation services for your voice problems make your life at school or work better?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLVTRT ='1' and (DOINGLW2 IN ('1','2','4') or WRKLYR2 ='1' or SCHOOLYR ='1')

Description: Sample adults 18+ who have worked or attended school in the past 12 months and who received treatment/rehabilitative services for a voice problem in the past 12 months

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

Did treatments or other rehabilitation services for voice problem make school or work life better?
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACD.270_00.000  
**Instrument Variable Name:** VSLSWSW  
**Final Documentation Name:** VSLSWSW

**Did the treatments or other rehabilitation services for your problems swallowing make your life at school or work better?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSWTRT = '1' and (DOINGLW2 IN ('1','2','4') or WRKLYR2 = '1' or SCHOOLYR = '1')

**Description:** Sample adults 18+ who have worked or attended school in the past 12 months and who have received treatment/rehabilitative services for a swallowing problem in the past 12 months

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

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**Question ID:** ACD.275_00.000  
**Instrument Variable Name:** VSLSPSWSW  
**Final Documentation Name:** VSLSPSWSW

**Did the treatments or other rehabilitation services for your speech problems make your life at school or work better?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLSPTRT = '1' and (DOINGLW2 IN ('1','2','4') or WRKLYR2 = '1' or SCHOOLYR = '1')

**Description:** Sample adults 18+ who have worked or attended school in the past 12 months and who have received treatment/rehabilitative services for a speech problem in the past 12 months

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

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</table>
Question ID: ACD.280_00.000

Instrument Variable Name: VSLLGSW

Final Documentation Name: VSLLGSW

Did the treatments or other rehabilitation services for your problems using or understanding words or sentences make your life at school or work better?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLLGRTT='1' and (DOINGLW2 IN ('1','2','4') or WRKLYR2='1' or SCHOOLYR='1')

Description: Sample adults 18+ who have worked or attended school in the past 12 months and who have received treatment/rehabilitative services for a language problem in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Did treatments or other rehabilitation services for problems using or understanding words or sentences make school or work life better?

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

Question ID: ACD.285_00.000

Instrument Variable Name: VSLVCOM

Final Documentation Name: VSLVCOM

Compared to 12 months ago, would you say your voice problems are now better, worse, or about the same?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (('007' <= VSLVDYS <= '365') or VSLV1WK='1')

Description: Sample adults 18+ with a voice problem in the past 12 months

Sources: None

Recodes: None

Keywords: None

Notes: None

Voice problems better or worse compared to 12 months ago

1  Better
2  Worse
3  About the same
7  Refused
8  Not ascertained
9  Don't know
Compared to 12 months ago, would you say your problems swallowing are now better, worse, or about the same?

Compared to 12 months ago, would you say your speech problems are now better, worse, or about the same?

Speech problems better or worse compared to 12 months ago

Swallowing problems better or worse compared to 12 months ago

1 Better
2 Worse
3 About the same
7 Refused
8 Not ascertained
9 Don’t know
### Question ID: ACD.300_00.000

**Instrument Variable Name:** VSLLGCOM  
**Final Documentation Name:** VSLLGCOM

**Compared to 12 months ago, would you say your problems using or understanding words or sentences are now better, worse, or about the same?**

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ((007 <= VSLLGDYS <= '365') or VSLLG1WK = '1')

**Description:** Sample adults 18+ with a language problem in the past 12 months

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<td>About the same</td>
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### Question ID: ACD.305_00.000

**Instrument Variable Name:** VSLINTYR  
**Final Documentation Name:** VSLINTYR

**DURING THE PAST 12 MONTHS, did you get information from the Internet about your health, medical treatments, or rehabilitation services?**

**Universe:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults 18+

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</table>
Question ID: ACD.310_00.000
Instrument Variable Name: VSLINTCN
Final Documentation Name: VSLINTCN

**DURING THE PAST 12 MONTHS, did you get information from the Internet on...**

{fill1:
Voice problems
Problems swallowing
Speech problems
Problems using or understanding words or sentences}

**Universe:**
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLINTYR =1 and (VSLVYR ='1' or VSLSWYR ='1' or VSLSPYR ='1' or VSLLGYR ='1')

**Description:**
Sample adults 18+ who have had a voice, swallowing, speech or language problem in the past 12 months and who have received health information from the Internet in the past 12 months

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

Did you get information on (voice/swallowing/speech/problems using or understanding words or sentences) problems in the past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don’t know
### Question ID: ACD.315_00.000  
**Instrument Variable Name:** VSLINTPR  
**Final Documentation Name:** VSLINTPR

**Was any of this information written by a doctor, other health professionals, medical associations, or other health-related organizations?**

- **Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLINTCN = '1'
- **Description:** Sample adults 18+ who have received information from the Internet in the past 12 months about a voice, swallowing, speech or language problem

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

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

### Question ID: ACD.320_00.000  
**Instrument Variable Name:** VSLINTHP  
**Final Documentation Name:** VSLINTHP

**Overall, how helpful was the health information found on the Internet? Would you say...**

*Read categories below.*

- **Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VSLINTCN = '1'
- **Description:** Sample adults 18+ who have received information from the Internet in the past 12 months about a voice, swallowing, speech or language problem

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

| |  
|---|---|
| 1 | Very helpful |
| 2 | Somewhat helpful |
| 3 | Not helpful |
| 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 you miss work at a job or business because of illness or injury (do not include maternity leave)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and WRKLYR4 = '0','1'

Description: Sample adults aged 18+ years who worked during the past 12 months

Number of work loss days, past 12 months

000 None
001-366 1-366 days
997 Refused
998 Not ascertained
999 Don't know

During the PAST 12 MONTHS, that is, since {12-month ref. date}, ABOUT how many days did illness or injury keep you in bed more than half of the day? (Include days while an overnight patient in a hospital)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Number of bed days, past 12 months

000 None
001-366 1-366 days
997 Refused
998 Not ascertained
999 Don't know
Question ID: AHS.060_00.000

Instrument Variable Name: AHSTATYR

Final Documentation Name: AHSTATYR

Compared with 12 MONTHS AGO, would you say your health is better, worse, or about the same?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: health indicators; health status

Notes: None

Health better/worse/same, compared w/ 12 months ago

1 Better
2 Worse
3 About the same
7 Refused
8 Not ascertained
9 Don't know

Question ID: AHS.070_00.000

Instrument Variable Name: SPECEQ

Final Documentation Name: SPECEQ

Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: health problem; special equipment; assistive devices

Notes: None

Have health problem that requires special equipment

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** AHS.091_01.000

**Instrument Variable Name:** FLWALK

**Final Documentation Name:** FLWALK

**By yourself, and without using any special equipment, how difficult is it for you to...Walk a quarter of a mile - about 3 city blocks?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** ALCHRONR; FLA1AR

**Keywords:** difficulty walking; special equipment; functional limitation

**Notes:** See Survey Description Document for more information.

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<th>How difficult to walk 1/4 mile without special equipment</th>
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Question ID: AHS.091_02.000
 Instrument Variable Name: FLCLIMB
 Final Documentation Name: FLCLIMB

By yourself, and without using any special equipment, how difficult is it for you to...Walk up 10 steps without resting?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: ALCHRONR; FLA1AR
Keywords: difficulty walking steps; special equipment; functional limitation
Notes: See Survey Description Document for more information.

How difficult to climb 10 steps without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHS.091_03.000  
Instrument Variable Name: FLSTAND  
Final Documentation Name: FLSTAND

By yourself, and without using any special equipment, how difficult is it for you to...Stand or be on your feet for about 2 hours?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty standing; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to stand 2 hours without special equipment

0 Not at all difficult
1 Only a little difficult
2 Somewhat difficult
3 Very difficult
4 Can't do at all
6 Do not do this activity
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHS.091_04.000

Instrument Variable Name: FLSIT

Final Documentation Name: FLSIT

By yourself, and without using any special equipment, how difficult is it for you to...Sit for about 2 hours?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty sitting; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to sit 2 hours without special equipment

0 Not at all difficult
1 Only a little difficult
2 Somewhat difficult
3 Very difficult
4 Can't do at all
5 Do not do this activity
6 Refused
7 Not ascertained
8 Don't know

Question ID: AHS.091_05.000

Instrument Variable Name: FLSTOOP

Final Documentation Name: FLSTOOP

By yourself, and without using any special equipment, how difficult is it for you to...Stoop, bend, or kneel?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty stooping, bending, or kneeling; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to stoop, bend or kneel without special equipment

0 Not at all difficult
1 Only a little difficult
2 Somewhat difficult
3 Very difficult
4 Can't do at all
5 Do not do this activity
6 Refused
7 Not ascertained
8 Don't know
Question ID: AHS.091_06.000
Instrument Variable Name: FLREACH
Final Documentation Name: FLREACH

By yourself, and without using any special equipment, how difficult is it for you to...Reach up over your head?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: ALCHRONR; FLA1AR
Keywords: difficulty reaching; special equipment; functional limitation
Notes: See Survey Description Document for more information.

How difficult to reach over head without special equipment

0       Not at all difficult
1       Only a little difficult
2       Somewhat difficult
3       Very difficult
4       Can't do at all
6       Do not do this activity
7       Refused
8       Not ascertained
9       Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Use your fingers to grasp or handle small objects?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

How difficult to grasp small objects without special equipment

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<td>4</td>
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<td>6</td>
<td>Do not do this activity</td>
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Notes: See Survey Description Document for more information.
By yourself, and without using any special equipment, how difficult is it for you to...Lift or carry something as heavy as 10 pounds such as a full bag of groceries?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty lifting/carrying; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to lift/carry 10 lbs without special equipment

0   Not at all difficult
1   Only a little difficult
2   Somewhat difficult
3   Very difficult
4   Can't do at all
6   Do not do this activity
7   Refused
8   Not ascertained
9   Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Push or pull large objects like a living room chair?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

How difficult to push large objects without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Go out to things like shopping, movies, or sporting events?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty going out; shopping; sporting events; special equipment; functional limitation

Notes: None

How difficult to go out to events without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Participate in social activities such as visiting friends, attending clubs and meetings, going to parties?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

How difficult to participate in social activities without special equipment

0 Not at all difficult
1 Only a little difficult
2 Somewhat difficult
3 Very difficult
4 Can't do at all
6 Do not do this activity
7 Refused
8 Not ascertained
9 Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Do things to relax at home or for leisure (reading, watching TV, sewing, listening to music)?

How difficult to relax at home without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know

Any functional limitation, all conditions

1  Limited in any way
2  Not limited in any way
3  Unknown if limited
Question ID: AHS.200_01.000

Instrument Variable Name: AFLHCA1-AFLHCA37

Final Documentation Name: AFLHCA1

What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; vision problem

Notes: See Survey Description Document for more information.

Vision/problem seeing causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLPUSH IN (1', '2', '3', '4') or FLSHOP IN (1', '2', '3', '4') or FLSOCL IN (1', '2', '3', '4') or FLRELAX IN (1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; hearing problem
Notes: See Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

University: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; arthritis; rheumatism
Notes: See Survey Description Document for more information.

Arthritis/rheumatism causes difficulty with activity

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What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; back/neck problem

Notes: See Survey Description Document for more information.

Back or neck problem causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSIT IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLSOCL IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; fracture; bone/joint injury

Notes: See Survey Description Document for more information.

Fracture, bone/joint injury causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLUSHOP IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; other injury

Notes: See Survey Description Document for more information.

Other injury causes difficulty with activity

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What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLSIT IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLPUSH IN (1', '2', '3', '4') or FLSHOP IN (1', '2', '3', '4') or FLSHOP IN (1', '2', '3', '4') or FLRELAX IN (1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; heart problem

Notes: See Survey Description Document for more information.

Heart problem causes difficulty with activity

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What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?  

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; hypertension; high blood pressure

Notes: See Survey Description Document for more information.

Hypertension/high blood pressure causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description:  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; diabetes

Notes: See Survey Description Document for more information.

Diabetes causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSIT IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLSOCL IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Lung/breathing problem (e.g., asthma and emphysema) causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; cancer

Notes: See Survey Description Document for more information.

Cancer causes difficulty with activity

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What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSIT IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; birth defect

Notes: See Survey Description Document for more information.

Birth defect causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?  

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))  

Description:  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)  

Sources:  
None  
Recodes:  
ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91  
Keywords:  
functional limitation; difficulty with activity; mental retardation; intellectual disability  
Notes:  
This variable replaces ALHCA14 that appeared in previous survey years. The wording on the 2011 flashcard changed from "mental retardation" to "intellectual disability, also known as mental retardation". Note that the time variables and recodes associated with this variable will also have new names (ATIME14A, AUNIT14A, ADURA14A, ADURB14A, ACHRC14A). See Survey Description Document for more information.  

Intellectual disability, also known as mental retardation causes difficulty with activity  
1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}? 

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FSOCIAL IN ('1', '2', '3', '4') or FRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; other developmental problem; cerebral palsy

Notes: See Survey Description Document for more information.

Other developmental problem (e.g., cerebral palsy) causes difficulty with activity

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<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
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<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<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>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; senility; dementia; Alzheimer's

Notes: See Survey Description Document for more information.

Senility causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}? 

**Question ID:** AHS.200_17.000  
**Instrument Variable Name:** AFLHCA1-AFLHCA37  
**Final Documentation Name:** AFLHCA17

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4')

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; depression; anxiety; emotional problem

Notes: See Survey Description Document for more information.

Depression/anxiety/emotional problem causes difficulty with activity

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<th>Description</th>
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<td>Not mentioned</td>
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<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>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLSIT IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLSOCL IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; weight problem; overweight; obesity

Notes: See Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA19; AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; missing limbs (fingers, toes, or digits); amputee
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Missing or amputated limb/finger/digit causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** AHS.200_00.000 R02 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** AFLHC20_

**What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?**

**Universe:**

ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:**

Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** AFLHCA23; AFLHCA24; AFLHCA_S1; AFLHCA_S2

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; musculoskeletal system; connective tissue

**Notes:** This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

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<tr>
<th>Musculoskeletal/connective tissue problem causes difficulty with activity</th>
<th>1</th>
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<th>7</th>
<th>8</th>
<th>9</th>
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</thead>
<tbody>
<tr>
<td>Mentioned</td>
<td>Not mentioned</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLSIT IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLSIT IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLSIT IN (1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA21; AFLHCA32; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; circulation problem; circulatory system; blood clots

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Circulation problems (including blood clots) cause difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLTOSKIN IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:** Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** AFLHCA33; AFLHCA_S1; AFLHCA_S2

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; endocrine; nutritional; metabolic

**Notes:** This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA25-AFLHCA29; AFLHCA35; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; nervous system; sensory organ condition

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Nervous system/sensory organ condition causes difficulty with activity

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<tr>
<th>Nervous system/sensory organ condition causes difficulty with activity</th>
<th>Code</th>
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</thead>
<tbody>
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</tr>
<tr>
<td>Not mentioned</td>
<td>2</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: \( \text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018' and AGE not IN (997,999)) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4')) \)

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA30; AFLHCA31; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; digestion

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/bein on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA20; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; genitourinary system

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Genitourinary system problem causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

 Universität:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN (1, 2, 3, 4) or  
FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description:  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources:  
AFLHCA_S1; AFLHCA_S2

Recodes:  
ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords:  
functional limitation; difficulty with activity; skin; subcutaneous system

Notes:  
This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Skin/subcutaneous system problem causes difficulty with activity

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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>
What condition or health problem causes you to have difficulty with \{names of up to 3 specified activities/these activities\}?

**Universe:**

```
ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and (FLWALK IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLSIT IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLUSHOP IN (1', '2', '3', '4') or FLRELAX IN (1', '2', '3', '4'))
```

**Description:**

Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** AFLHCA_S1; AFLHCA_S2

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; blood; blood-forming organs

**Notes:**

This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

**Blood or blood-forming organ problem causes difficulty with activity**

<p>| | |</p>
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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA22; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; benign tumor; cyst

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Benign tumor/cyst causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; alcohol; drugs; substance abuse
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Alcohol/drug/substance abuse problem causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}? 

_Universe:_ ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLPUSH IN (1', '2', '3', '4') or FLSHOP IN (1', '2', '3', '4') or FLSOCL IN (1', '2', '3', '4') or FLRELAX IN (1', '2', '3', '4'))

_Description:_ Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

_Sources:_ AFLHCA_S1; AFLHCA_S2

_Recodes:_ ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

_Keyword(s):_ functional limitation; difficulty with activity; mental illness; ADD; bipolar; schizophrenia

_Notes:_ This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Other mental problem/ADD/Bipolar/Schizophrenia causes difficulty with activity

<table>
<thead>
<tr>
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<td>Not ascertained</td>
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</table>


What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLSOCL IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description:  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources:  
AFLHCA_S1; AFLHCA_S2

Recodes:  
ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords:  
functional limitation; difficulty with activity; surgical after-effects; medical treatment; operation; surgery

Notes:  
This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Surgical after-effects/medical treatment causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; elderly; old age; aging
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

"Old age"/elderly/aging-related problem causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLSIT IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLPUSH IN (1', '2', '3', '4') or FLSHOP IN (1', '2', '3', '4') or FLSOCL IN (1', '2', '3', '4') or FLRELAX IN (1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; fatigue; tiredness; weakness

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Fatigue/tiredness/weakness causes difficulty with activity

<p>| | |</p>
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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; pregnancy

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Pregnancy-related problem causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLSIT IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLSOCL IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity

Notes: See the Survey Description Document for more information.

Other impairment/problem (1) causes difficulty with activity

- 1 Mentioned
- 2 Not mentioned
- 7 Refused
- 8 Not ascertained
- 9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

**Question ID:** AHS.200_91.000  
**Instrument Variable Name:** AFLHCA1-AFLHCA37  
**Final Documentation Name:** AFLHCA91

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:**  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** None

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity

**Notes:** See the Survey Description Document for more information.

Other impairment/problem (2) causes difficulty with activity

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**Question ID:** AHS.300_01.000  
**Instrument Variable Name:** AHCL01N  
**Final Documentation Name:** ALTIME1

**How long have you had a vision problem or problem seeing?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to vision problem

**Sources:** AHCL01N

**Recodes:** ALDURAD1; ALDURB1; ALCHRC1

**Keywords:** functional limitation; vision problem

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of vision problem:** Number of units

| 01-94 | 1-94 |
| 95 | 95+ |
| 96 | Since birth |
| 97 | Refused |
| 98 | Not ascertained |
| 99 | Don't know |
**2012 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
**samadult : Adult Health Status & Limitations**  
PUBLIC USE  
Document Version Date: 24-May-13

**Question ID:** AHS.300_02.000  
Instrument Variable Name: AHCL01T  
Final Documentation Name: ALUNIT1

How long have you had a vision problem or problem seeing?

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = 'I'

**Description:** Sample adults aged 18+ years with difficulty due to vision problem

**Sources:** AHCL01T  
**Recodes:** ALDURA1; ALDURB1; ALCHRC1  
**Keywords:** functional limitation; vision problem  
**Notes:** See the Survey Description Document for more information.

Duration of vision problem: Time unit

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<th>Time Unit</th>
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**Question ID:** AHS.300_02.000 R01 RECODE  
Instrument Variable Name: ALDURA1  
Final Documentation Name: ALDURA1

How long have you had a vision problem or problem seeing?

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = 'I'

**Description:** Sample adults aged 18+ years with difficulty due to vision problem

**Sources:** ALTIME1; ALUNIT1  
**Recodes:** ALDURB1; ALCHRC1  
**Keywords:** functional limitation; vision problem  
**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA1. See the Survey Description Document for more information.

Duration (in years) of vision problem, recode 1

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<th>Duration</th>
<th>Time Unit</th>
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<td>01-84 years</td>
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<td>85+ years</td>
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<tr>
<td>96</td>
<td>Unknown number of years</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>
</tr>
</tbody>
</table>
How long have you had a vision problem or problem seeing?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

Description: Sample adults aged 18+ years with difficulty due to vision problem

Sources: ALTIME1; ALUNIT1

Recodes: ALCHRC1

Keywords: functional limitation; vision problem

Notes: See the Survey Description Document for more information.

Duration of vision problem, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

How long have you had a vision problem or problem seeing?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

Description: Sample adults aged 18+ years with difficulty due to vision problem

Sources: AFLHCA1; ALDURB1

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; vision problem

Notes: Condition was coded as chronic (ALCHRC1 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Vision problem condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
**Question ID:** AHS.301_01.000

**Instrument Variable Name:** AHCL02N

**Final Documentation Name:** ALTIME2

**How long have you had a hearing problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hearing problem

**Sources:** AHCL02N

**Recodes:** ALDURA2; ALDURB2; ALCHRC2

**Keywords:** functional limitation; hearing problem

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of hearing problem: Number of units**

<table>
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<tr>
<th>Unit</th>
<th>Definition</th>
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<td>Not ascertained</td>
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**Question ID:** AHS.301_02.000

**Instrument Variable Name:** AHCL02T

**Final Documentation Name:** ALUNIT2

**How long have you had a hearing problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hearing problem

**Sources:** AHCL02T

**Recodes:** ALDURA2; ALDURB2; ALCHRC2

**Keywords:** functional limitation; hearing problem

**Notes:** See the Survey Description Document for more information.

**Duration of hearing problem: Time unit**

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<tr>
<th>Unit</th>
<th>Definition</th>
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<tbody>
<tr>
<td>1</td>
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2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHS.301_02.000  R01 RECODE  Instrument Variable Name: RECODE
Final Documentation Name: ALDURA2

How long have you had a hearing problem?
Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'
Description: Sample adults aged 18+ years with difficulty due to hearing problem
Sources: ALTIME2; ALUNIT2
Recodes: ALDURB2; ALCHRC2
Keywords: functional limitation; hearing problem
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA2. See the Survey Description Document for more information.

Duration (in years) of hearing problem, recode 1

<table>
<thead>
<tr>
<th></th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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: AHS.301_02.000  R02 RECODE  Instrument Variable Name: RECODE
Final Documentation Name: ALDURB2

How long have you had a hearing problem?
Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'
Description: Sample adults aged 18+ years with difficulty due to hearing problem
Sources: ALTIME2; ALUNIT2
Recodes: ALCHRC2
Keywords: functional limitation; hearing problem
Notes: See the Survey Description Document for more information.

Duration of hearing problem, recode 2

<table>
<thead>
<tr>
<th></th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
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<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>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

**Question ID:** AHS.301_02.000  
**Instrument Variable Name:** RECODE  
**Final Documentation Name:** ALCHRC2

**How long have you had a hearing problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hearing problem

**Sources:** AFLHCA2; ALDURB2

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; hearing problem

**Notes:** Condition was coded as chronic (ALCHRC2 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Hearing problem condition status recode**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.302_01.000  
**Instrument Variable Name:** AHCL03N  
**Final Documentation Name:** ALTIME3

**How long have you had arthritis or rheumatism?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

**Sources:** AHCL03N

**Recodes:** ALDURA3; ALDURB3; ALCHRC3

**Keywords:** functional limitation; arthritis/rheumatism

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of arthritis/rheumatism: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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>
### How long have you had arthritis or rheumatism?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

**Sources:** AHCL03T

**Recodes:** ALDURA3; ALDURB3; ALCHRC3

**Keywords:** functional limitation; arthritis/rheumatism

**Notes:** See the Survey Description Document for more information.

**Duration of arthritis/rheumatism: Time unit**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day(s)</td>
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</tr>
<tr>
<td>Week(s)</td>
<td>2</td>
</tr>
<tr>
<td>Month(s)</td>
<td>3</td>
</tr>
<tr>
<td>Year(s)</td>
<td>4</td>
</tr>
<tr>
<td>Since birth</td>
<td>6</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>

### Duration (in years) of arthritis/rheumatism, recode 1

<table>
<thead>
<tr>
<th>Duration</th>
<th>Recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>01-84 years</td>
<td>01-84</td>
</tr>
<tr>
<td>85+ years</td>
<td>86</td>
</tr>
<tr>
<td>Unknown number of years</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>
How long have you had arthritis or rheumatism?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

**Sources:**  
ALTIME3; ALUNIT3

**Recodes:**  
ALHCA3; ALDURB3

**Keywords:**  
functional limitation; arthritis/rheumatism

**Notes:**  
See the Survey Description Document for more information.

Duration of arthritis/rheumatism, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

How long have you had arthritis or rheumatism?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

**Sources:**  
ALHCA3; ALDURB3

**Recodes:**  
ALHCA3; ALDURB3

**Keywords:**  
functional limitation; arthritis/rheumatism

**Notes:**  
Condition was coded as chronic (ALCHRC3 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Arthritis/rheumatism condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHS.303_01.000
Instrument Variable Name: AHCL04N
Final Documentation Name: ALTIME4

How long have you had a back or neck problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'
Description: Sample adults aged 18+ years with difficulty due to back or neck problem

Sources: AHCL04N
Recodes: ALDURA4; ALDURB4; ALCHRC4
Keywords: functional limitation; back/neck problem
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of back or neck problem: Number of units
- 01-94: 1-94
- 95: 95+
- 96: Since birth
- 97: Refused
- 98: Not ascertained
- 99: Don't know

Question ID: AHS.303_02.000
Instrument Variable Name: AHCL04T
Final Documentation Name: ALUNIT4

How long have you had a back or neck problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'
Description: Sample adults aged 18+ years with difficulty due to back or neck problem

Sources: AHCL04T
Recodes: ALDURA4; ALDURB4; ALCHRC4
Keywords: functional limitation; back/neck problem
Notes: See the Survey Description Document for more information.

Duration of back or neck problem: Time unit
- 1: Day(s)
- 2: Week(s)
- 3: Month(s)
- 4: Year(s)
- 6: Since birth
- 7: Refused
- 8: Not ascertained
- 9: Don't know
How long have you had a back or neck problem?

Duration (in years) of back or neck problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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>

How long have you had a back or neck problem?

Duration of back or neck problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>Less than 3 months</td>
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<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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:** AHS.303_02.000  
**Instrument Variable Name:** R03 RECODE  
**Final Documentation Name:** ALCHRC4

**How long have you had a back or neck problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to back or neck problem

**Sources:** AFLHCA4; ALDURB4

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; back/neck problem

**Notes:** Condition was coded as chronic (ALCHRC4 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Back or neck problem condition status recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>1   Chronic</td>
</tr>
<tr>
<td>2   Not chronic</td>
</tr>
<tr>
<td>9   Unknown if chronic</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.304_01.000  
**Instrument Variable Name:** AHCL05N  
**Final Documentation Name:** ALTIME5

**How long have you had a fracture, bone, or joint injury?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

**Sources:** AHCL05N

**Recodes:** ALDURA5; ALDURB5; ALCHRC5

**Keywords:** functional limitation; fracture; bone/joint injury

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of fracture, bone/joint injury: Number of units**

<table>
<thead>
<tr>
<th>01-94</th>
<th>1-94</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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>
How long have you had a fracture, bone, or joint injury?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

Description: Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

Sources: AHCL05T

Recodes: ALDURA5; ALDURB5; ALCHRC5

Keywords: functional limitation; fracture; bone/joint injury

Notes: See the Survey Description Document for more information.

Duration of fracture, bone/joint injury: Time unit

1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know

How long have you had a fracture, bone, or joint injury?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

Description: Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

Sources: ALTIME5; ALUNIT5

Recodes: ALDURB5; ALCHRC5

Keywords: functional limitation; fracture; bone/joint injury

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA5. See the Survey Description Document for more information.

Duration (in years) of fracture, bone/joint injury, recode 1

00 Less than 1 year
01-84 01-84 years
85 85+ years
96 Unknown number of years
97 Refused
98 Not ascertained
99 Don't know
How long have you had a fracture, bone, or joint injury?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

Description: Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

Sources: ALTIME5; ALUNIT5

Recodes: ALCHRC5

Keywords: functional limitation; fracture; bone/joint injury

Notes: Condition was coded as chronic (ALCHRC5 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Fracture, bone/joint injury condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

**Question ID:** AHS.305_01.000
Instrument Variable Name: AHCL06N
Final Documentation Name: ALTIME6

**How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA6 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other injury

**Sources:** AHCL06N
**Recodes:** ALDURA6; ALDURB6; ALCHRC6
**Keywords:** functional limitation; other injury
**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of other injury: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
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<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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>
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</table>

**Question ID:** AHS.305_02.000
Instrument Variable Name: AHCL06T
Final Documentation Name: ALUNIT6

**How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA6 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other injury

**Sources:** AHCL06T
**Recodes:** ALDURA6; ALDURB6; ALCHRC6
**Keywords:** functional limitation; other injury
**Notes:** See the Survey Description Document for more information.

**Duration of other injury: Time unit**

<table>
<thead>
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<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<tr>
<td>2</td>
<td>Week(s)</td>
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<td>Year(s)</td>
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<tr>
<td>6</td>
<td>Since birth</td>
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<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>
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 24-May-13**

---

**Question ID:** AHS.305_02.000  
**Instrument Variable Name:** AHS.305_02.000  
**Final Documentation Name:** ALDURA6

**How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA6 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other injury

**Sources:** ALTIME6; ALUNIT6  
**Recodes:** ALDURB6; ALCHRC6  
**Keywords:** functional limitation; other injury  
**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA6. See the Survey Description Document for more information.

**Duration (in years) of other injury, recode 1**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
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</tr>
</tbody>
</table>

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**Question ID:** AHS.305_02.000  
**Instrument Variable Name:** AHS.305_02.000  
**Final Documentation Name:** ALDURB6

**How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA6 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other injury

**Sources:** ALTIME6; ALUNIT6  
**Recodes:** ALCHRC6  
**Keywords:** functional limitation; other injury  
**Notes:** See the Survey Description Document for more information.

**Duration of other injury, recode 2**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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: AHS.305_02.000 R03 RECODE

Instrument Variable Name: ALCHRC6

Final Documentation Name: ALCHRC6

How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA6 = '1'

Description: Sample adults aged 18+ years with difficulty due to other injury

Sources: AFLHCA6; ALDURB6

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; other injury

Notes: Condition was coded as chronic (ALCHRC6 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Other injury condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic

Question ID: AHS.306_01.000

Instrument Variable Name: AHCL07N

Final Documentation Name: ALTIME7

How long have you had a heart problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA7 = '1'

Description: Sample adults aged 18+ years with difficulty due to heart problem

Sources: AHCL07N

Recodes: ALDURA7; ALDURB7; ALCHRC7

Keywords: functional limitation; heart problem

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of heart problem: Number of units

01-94  1-94
95  95+
96  Since birth
97  Refused
98  Not ascertained
99  Don't know
How long have you had a heart problem?

Universe: $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ('997','999')) and $\text{AFLHCA7} = '1'$

Description: Sample adults aged 18+ years with difficulty due to heart problem

Duration of heart problem: Time unit

1. Day(s)
2. Week(s)
3. Month(s)
4. Year(s)
5. Since birth
6. Refused
7. Not ascertained
8. Don't know

How long have you had a heart problem?

Universe: $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ('997','999')) and $\text{AFLHCA7} = '1'$

Description: Sample adults aged 18+ years with difficulty due to heart problem

Duration (in years) of heart problem, recode 1

00. Less than 1 year
01-84. 1-84 years
85. 85+ years
96. Unknown number of years
97. Refused
98. Not ascertained
99. Don't know
**How long have you had a heart problem?**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>

**How long have you had a heart problem?**

<table>
<thead>
<tr>
<th>Heart problem condition status recode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
**How long have you had a stroke problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA8 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to stroke problem

**Sources:** AHCL08N

**Recodes:** ALDURA8; ALDURB8; ALCHRC8

**Keywords:** functional limitation; stroke

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of stroke problem: Number of units**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>Since birth</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.307_02.000  
**Instrument Variable Name:** AHCL08T  
**Final Documentation Name:** ALUNIT8

**How long have you had a stroke problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA8 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to stroke problem

**Sources:** AHCL08T

**Recodes:** ALDURA8; ALDURB8; ALCHRC8

**Keywords:** functional limitation; stroke

**Notes:** See the Survey Description Document for more information.

**Duration of stroke problem: Time unit**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day(s)</td>
<td>1</td>
</tr>
<tr>
<td>Week(s)</td>
<td>2</td>
</tr>
<tr>
<td>Month(s)</td>
<td>3</td>
</tr>
<tr>
<td>Year(s)</td>
<td>4</td>
</tr>
<tr>
<td>Since birth</td>
<td>6</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>
How long have you had a stroke problem?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

Description: Sample adults aged 18+ years with difficulty due to stroke problem

Sources: ALTIME8; ALUNIT8

Recodes: ALDURB8; ALCHRC8

Keywords: functional limitation; stroke

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA8. See the Survey Description Document for more information.

Duration (in years) of stroke problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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>

How long have you had a stroke problem?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

Description: Sample adults aged 18+ years with difficulty due to stroke problem

Sources: ALTIME8; ALUNIT8

Recodes: ALCHRC8

Keywords: functional limitation; stroke

Notes: See the Survey Description Document for more information.

Duration of stroke problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

**Question ID:** AHS.307_02.000

**Instrument Variable Name:** RECODE
**Final Documentation Name:** ALCHRC8

**How long have you had a stroke problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to stroke problem

**Sources:** AFLHCA8; ALDURB8

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; stroke

**Notes:** Condition was coded as chronic (ALCHRC8 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Stroke problem condition status recode**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.308_01.000

**Instrument Variable Name:** AHC09N
**Final Documentation Name:** ALTIME9

**How long have you had hypertension or high blood pressure?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** AHC09N

**Recodes:** ALDURA9; ALDURB9; ALCHRC9

**Keywords:** functional limitation; hypertension; high blood pressure

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of hypertension or high blood pressure: Number of units**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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:** AHS.308_02.000  
**Instrument Variable Name:** AHCLO9T  
**Final Documentation Name:** ALUNIT9

**How long have you had hypertension or high blood pressure?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** AHCLO9T  
**Recodes:** ALDURA9; ALDURB9; ALCHRC9  
**Keywords:** functional limitation; hypertension; high blood pressure  
**Notes:** See the Survey Description Document for more information.

**Duration of hypertension or high blood pressure:** Time unit

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>5</td>
<td>Since birth</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>8</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.308_02.000 R01 RECODE  
**Instrument Variable Name:** ALDURA9  
**Final Documentation Name:** ALDURA9

**How long have you had hypertension or high blood pressure?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** ALTIME9; ALUNIT9  
**Recodes:** ALDURB9; ALCHRC9  
**Keywords:** functional limitation; hypertension; high blood pressure  
**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA9. See the Survey Description Document for more information.

**Duration (in years) of hypertension or high blood pressure:** recode 1

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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>
How long have you had hypertension or high blood pressure?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

Description: Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

Sources: ALTIME9; ALUNIT9
Recodes: ALCHRC9
Keywords: functional limitation; hypertension; high blood pressure
Notes: See the Survey Description Document for more information.

Duration of hypertension or high blood pressure: recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

How long have you had hypertension or high blood pressure?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

Description: Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

Sources: AFLHCA9; ALDURB9
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; hypertension; high blood pressure
Notes: Condition was coded as chronic (ALCHRC9 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Hypertension or high blood pressure condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
Question ID:  AHS.309_01.000
Instrument Variable Name:  AHCL10N
Final Documentation Name:  ALTIME10

How long have you had diabetes?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and AFLHCA10 = '1'
Description:  Sample adults aged 18+ years with difficulty due to diabetes

Sources:  AHCL10N
Recodes:  ALDURA10; ALDURB10; ALCHRC10
Keywords:  functional limitation; diabetes
Notes:  Years are topcoded at 85.  See the Survey Description Document for more information.

Duration of diabetes:  Number of units
01-94  1-94
95     95+
96     Since birth
97     Refused
98     Not ascertained
99     Don't know

---

Question ID:  AHS.309_02.000
Instrument Variable Name:  AHCL10T
Final Documentation Name:  ALUNIT10

How long have you had diabetes?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and AFLHCA10 = '1'
Description:  Sample adults aged 18+ years with difficulty due to diabetes

Sources:  AHCL10T
Recodes:  ALDURA10; ALDURB10; ALCHRC10
Keywords:  functional limitation; diabetes
Notes:  See the Survey Description Document for more information.

Duration of diabetes:  Time unit
1     Day(s)
2     Week(s)
3     Month(s)
4     Year(s)
6     Since birth
7     Refused
8     Not ascertained
9     Don't know
### How long have you had diabetes?

**Universe:** \( \text{ASTATFLG} = '1' \) and (\( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN ('997','999')) and AFLHCA10 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to diabetes

**Sources:** ALTIME10; ALUNIT10

**Recodes:** ALDURB10; ALCHRC10

**Keywords:** functional limitation; diabetes

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA10. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration (in years) of diabetes, recode 1</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>01-84 years</td>
<td>01-84</td>
</tr>
<tr>
<td>85 years</td>
<td>85</td>
</tr>
<tr>
<td>Unknown number of years</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>

### How long have you had diabetes?

**Universe:** \( \text{ASTATFLG} = '1' \) and (\( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN ('997','999')) and AFLHCA10 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to diabetes

**Sources:** ALTIME10; ALUNIT10

**Recodes:** ALCHRC10

**Keywords:** functional limitation; diabetes

**Notes:** See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration of diabetes, recode 2</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 3 months</td>
<td>1</td>
</tr>
<tr>
<td>3-5 months</td>
<td>2</td>
</tr>
<tr>
<td>6-12 months</td>
<td>3</td>
</tr>
<tr>
<td>More than 1 year</td>
<td>4</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>
How long have you had diabetes?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA10 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to diabetes

**Sources:** AFLHCA10; ALDURB10

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; diabetes

**Notes:** Condition was coded as chronic (ALCHRC10 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Diabetes condition status recode**

1 Chronic
2 Not chronic
9 Unknown if chronic

---

How long have you had a lung or breathing problem (e.g., asthma and emphysema)?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to lung/breathing problem

**Sources:** AHCL11N

**Recodes:** ALDURA11; ALDURB11; ALCHRC11

**Keywords:** functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of lung/breathing problem (e.g., asthma and emphysema): Number of units**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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: AHS.310_02.000  
Instrument Variable Name: AHCL11T  
Final Documentation Name: ALUNIT11

**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to lung/breathing problem

**Sources:** AHCL11T

**Recodes:** ALDURA11; ALDURB11; ALCHRC11

**Keywords:** functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

**Notes:** See the Survey Description Document for more information.

**Duration of lung/breathing problem: (e.g., asthma and emphysema) Time unit**

- 1 Day(s)
- 2 Week(s)
- 3 Month(s)
- 4 Year(s)
- 6 Since birth
- 7 Refused
- 8 Not ascertained
- 9 Don't know

---

Question ID: AHS.310_02.000 R01 RECODE  
Instrument Variable Name: ALDURA11  
Final Documentation Name: ALUNIT11

**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to lung/breathing problem

**Sources:** ALTIME11; ALUNIT11

**Recodes:** ALDURB11; ALCHRC11

**Keywords:** functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA11. See the Survey Description Document for more information.

**Duration (in years) of lung/breathing problem (e.g., asthma and emphysema), recode 1**

- 00 Less than 1 year
- 01-84 01-84 years
- 85 85+ years
- 96 Unknown number of years
- 97 Refused
- 98 Not ascertained
- 99 Don't know
**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

Universe: $\text{ASTATFLG} = '1'$ and $(\text{AGE GE '018'}$ and $\text{AGE not IN ('997','999')}$) and $\text{AFLHCA11} = '1'$

Description: Sample adults aged 18+ years with difficulty due to lung/breathing problem

Sources: $\text{ALTIME11}; \text{ALUNIT11}$

Recodes: $\text{ALCHRC11}$

Keywords: functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

Notes: See the Survey Description Document for more information.

### Duration of lung/breathing problem (e.g., asthma and emphysema), recode 2

<table>
<thead>
<tr>
<th></th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>

---

**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

Universe: $\text{ASTATFLG} = '1'$ and $(\text{AGE GE '018'}$ and $\text{AGE not IN ('997','999')}$) and $\text{AFLHCA11} = '1'$

Description: Sample adults aged 18+ years with difficulty due to lung/breathing problem

Sources: $\text{AFLHCA11}; \text{ALDURB11}$

Recodes: $\text{ALCHNDR}; \text{ALCHRONR}$

Keywords: functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

Notes: Condition was coded as chronic ($\text{ALCHRC11} = '1'$), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

### Lung/breathing problem (e.g., asthma and emphysema) condition status recode

<table>
<thead>
<tr>
<th></th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
How long have you had cancer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

Description: Sample adults aged 18+ years with difficulty due to cancer

Sources: AHCL12N

Recodes: ALDURA12; ALDURB12; ALCHRC12

Keywords: functional limitation; cancer

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of cancer: Number of units

01-94  1-94
95     95+
96     Since birth
97     Refused
98     Not ascertained
99     Don't know

How long have you had cancer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

Description: Sample adults aged 18+ years with difficulty due to cancer

Sources: AHCL12T

Recodes: ALDURA12; ALDURB12; ALCHRC12

Keywords: functional limitation; cancer

Notes: See the Survey Description Document for more information.

Duration of cancer: Time unit

1     Day(s)
2     Week(s)
3     Month(s)
4     Year(s)
6     Since birth
7     Refused
8     Not ascertained
9     Don't know
**2012 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 24-May-13

**Question ID:** AHS.311_02.000  
**R01 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA12

**How long have you had cancer?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to cancer

**Sources:** ALTIME12; ALUNIT12

**Recodes:** ALDURB12; ALCHRC12

**Keywords:** functional limitation; cancer

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA12. See the Survey Description Document for more information.

**Duration (in years) of cancer, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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:** AHS.311_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB12

**How long have you had cancer?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to cancer

**Sources:** ALTIME12; ALUNIT12

**Recodes:** ALCHRC12

**Keywords:** functional limitation; cancer

**Notes:** See the Survey Description Document for more information.

**Duration of cancer, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>
### How long have you had cancer?

**Universe:**  $\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999')) \text{ and } \text{AFLHCA12} = '1'$

**Description:** Sample adults aged 18+ years with difficulty due to cancer.

**Sources:** AFLHCA12; ALDURB12

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; cancer

**Notes:** Condition was coded as chronic ($\text{ALCHRC12} = '1' $), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Cancer condition status recode</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

### How long have you had a birth defect?

**Universe:**  $\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999')) \text{ and } \text{AFLHCA13} = '1'$

**Description:** Sample adults aged 18+ years with difficulty due to birth defect.

**Sources:** AHCL13N

**Recodes:** ALDURA13; ALDURB13; ALCHRC13

**Keywords:** functional limitation; birth defect

**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration of birth defect: Number of units</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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>
How long have you had a birth defect?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'

Description: Sample adults aged 18+ years with difficulty due to birth defect

Sources: AHCL13T

Recodes: ALDURA13; ALDURB13; ALCHRC13

Keywords: functional limitation; birth defect

Notes: See the Survey Description Document for more information.

Duration of birth defect: Time unit

1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know

How long have you had a birth defect?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'

Description: Sample adults aged 18+ years with difficulty due to birth defect

Sources: ALDURA13; ALDURB13; ALCHRC13

Keywords: functional limitation; birth defect

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA13. See the Survey Description Document for more information.

Duration (in years) of birth defect, recode 1

00 Less than 1 year
01-84 01-84 years
85 85+ years
96 Unknown number of years
97 Refused
98 Not ascertained
99 Don't know
### How long have you had a birth defect?

**Question ID:** AHS.312_02.000  
**R02 RECODE**  
**Instrument Variable Name:** ALDURB13  
**Final Documentation Name:** ALDURB13

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to birth defect

**Sources:** ALTIME13; ALUNIT13  
**Recodes:** ALCHRC13  
**Keywords:** functional limitation; birth defect  
**Notes:** See the Survey Description Document for more information.

#### Duration of birth defect, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
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<tr>
<td>2</td>
<td>3-5 months</td>
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<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>

### How long have you had a birth defect?

**Question ID:** AHS.312_02.000  
**R03 RECODE**  
**Instrument Variable Name:** ALCHRC13  
**Final Documentation Name:** ALCHRC13

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to birth defect

**Sources:** AFLHCA13; ALDURB13  
**Recodes:** ALCNDR; ALCHRONR  
**Keywords:** functional limitation; birth defect  
**Notes:** Condition was coded as chronic (ALCHRC13 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

#### Birth defect condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
### Question ID: AHS.313_01.000

**Instrument Variable Name:** AHCL14N  
**Final Documentation Name:** ATIME14A

#### How long have you had intellectual disability, also known as mental retardation?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14a = '1'

**Description:** Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

**Sources:** AHCL14N  
**Recodes:** ADURA14A; ADURB14A; ACHRC14A

**Keywords:** functional limitation; intellectual disability; mental retardation

**Notes:** This variable replaces ALTIME14 that appeared in previous survey years. See the note for ALHCA14a for more information. Years are topcoded at 85. See the Survey Description Document for more information.

#### Duration of intellectual disability, also known as mental retardation: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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: AHS.313_02.000

**Instrument Variable Name:** AHCL14T  
**Final Documentation Name:** AUNIT14A

#### How long have you had intellectual disability, also known as mental retardation?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14A = '1'

**Description:** Sample adults aged 18+ years with difficulty due to mental retardation

**Sources:** AHCL14T  
**Recodes:** ADURA14A; ADURB14A; ACHRC14A

**Keywords:** functional limitation; intellectual disability; mental retardation

**Notes:** This variable replaces ALUNIT14 that appeared in previous survey years. See the note for ALHCA14a for more information. See the Survey Description Document for a more detailed explanation.

#### Duration of intellectual disability, also known as mental retardation: Time unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
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<td>4</td>
<td>Year(s)</td>
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<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<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>
Question ID: AHS.313_02.000 R01 RECODE
Instrument Variable Name: ADURA14A
Final Documentation Name: ADURA14A

How long have you had intellectual disability, also known as mental retardation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA14a = '1'

Description: Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

Sources: ATIME14a; AUNIT14a
Recodes: ADURB14a; ACHRC14a
Keywords: functional limitation; intellectual disability; mental retardation

Notes: This variable replaces ALDURA14 that appeared in previous survey years. See the note for ALHCA14a for more information. Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ADURA14a. See the Survey Description Document for more information.

Duration (in years) of intellectual disability, also known as mental retardation, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
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<tr>
<td>96</td>
<td>Unknown number of years</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: AHS.313_02.000 R02 RECODE
Instrument Variable Name: ADURB14A
Final Documentation Name: ADURB14A

How long have you had intellectual disability, also known as mental retardation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14a = '1'

Description: Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

Sources: ATIME14a; AUNIT14a
Recodes: ACHRC14a
Keywords: functional limitation; intellectual disability; mental retardation

Notes: This variable replaces ALDURB14 that appeared in previous survey years. See the note for ALHCA14a for more information.

Duration of intellectual disability, also known as mental retardation, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>
How long have you had intellectual disability, also known as mental retardation?

**Universe:**  
$\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999')) \text{ and } \text{ALHCA14a} = '1'$

**Description:**  
Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

**Sources:**  
ALHCA14a; ADURB14a

**Recodes:**  
ALCNDR1; ALCHRONR

**Keywords:**  
functional limitation; intellectual disability; mental retardation

**Notes:**  
This variable replaces ALCHRC14 that appeared in previous survey years. See the note for ALHCA14a for more information. Condition was coded as chronic (ALHCA14a = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Intellectual disability, also known as mental retardation condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

How long have you had an other developmental problem (e.g., cerebral palsy)?

**Universe:**  
$\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999')) \text{ and } \text{AFLHCA15} = '1'$

**Description:**  
Sample adults aged 18+ years with difficulty due to other developmental problem

**Sources:**  
AHCL15N

**Recodes:**  
ALDURA15; ALDURB15; ALCHRC15

**Keywords:**  
functional limitation; other developmental problem; cerebral palsy

**Notes:**  
Years are topcoded at 85. See the Survey Description Document for more information.

Duration of other developmental problem (e.g., cerebral palsy): Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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>
**How long have you had an other developmental problem (e.g., cerebral palsy)?**

*Universe:* \( ASTATFLG = '1' \) and \( (AGE \geq '018' \) and \( AGE \) not IN ('997','999')\) and \( AFLHCA15 = '1'\)

*Description:* Sample adults aged 18+ years with difficulty due to other developmental problem

*Sources:* AHCL15T

*Recodes:* ALDURA15; ALDURB15; ALCHRC15

*Keywords:* functional limitation; other developmental problem; cerebral palsy

*Notes:* See the Survey Description Document for more information.

**Duration of other developmental problem (e.g., cerebral palsy): Time unit**

1. Day(s)
2. Week(s)
3. Month(s)
4. Year(s)
5. Since birth
6. Refused
7. Not ascertained
8. Don't know
9. Unknown number of years
10. Less than 1 year
11. 01-84 years
12. 85+ years
13. Unknown number of years
14. Refused
15. Not ascertained
16. Don't know
**Question ID:** AHS.314_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB15

### How long have you had an other developmental problem (e.g., cerebral palsy)?

**Universe:**  
\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN ('997','999')} \text{ and } \text{AFLHCA15} = '1') \]

**Description:** Sample adults aged 18+ years with difficulty due to other developmental problem

**Sources:** ALTIME15; ALUNIT15

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; other developmental problem; cerebral palsy

**Notes:** Condition was coded as chronic (ALCHRC15 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration of other developmental problem (e.g., cerebral palsy), recode 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
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<tr>
<td>4</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.314_02.000  
**R03 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALCHRC15

### How long have you had an other developmental problem (e.g., cerebral palsy)?

**Universe:**  
\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN ('997','999')} \text{ and } \text{AFLHCA15} = '1') \]

**Description:** Sample adults aged 18+ years with difficulty due to other developmental problem

**Sources:** AFLHCA15; ALDURB15

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; other developmental problem; cerebral palsy

**Notes:** Condition was coded as chronic (ALCHRC15 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Other developmental problem (e.g., cerebral palsy) condition status recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
**2012 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 24-May-13

**Question ID:** AHS.315_01.000  
Instrument Variable Name: AHCL16N  
Final Documentation Name: ALTIME16

**How long have you had senility?**

Universe: ASTATFLG = ’1’ and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = ’1’

Description: Sample adults aged 18+ years with difficulty due to senility

Sources: AHCL16N

Recodes: ALDURA16; ALDURB16; ALCHRC16

Keywords: functional limitation; senility; dementia; Alzheimer's

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of senility: Number of units

<table>
<thead>
<tr>
<th>01-94</th>
<th>1-94</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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:** AHS.315_02.000  
Instrument Variable Name: AHCL16T  
Final Documentation Name: ALUNIT16

**How long have you had senility?**

Universe: ASTATFLG = ’1’ and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = ’1’

Description: Sample adults aged 18+ years with difficulty due to senility

Sources: AHCL16T

Recodes: ALDURA16; ALDURB16; ALCHRC16

Keywords: functional limitation; senility; dementia; Alzheimer's

Notes: See the Survey Description Document for more information.

Duration of senility: Time unit

<table>
<thead>
<tr>
<th>1</th>
<th>Day(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Week(s)</td>
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<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</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>
### 2012 National Health Interview Survey

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**Public Use**

**Document Version Date: 24-May-13**

---

**Question ID:** AHS.315_02.000  
**R01 RECODE**  
**Instrument Variable Name:** ALDURA16

**How long have you had senility?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to senility

**Sources:** ALTIME16; ALUNIT16

**Recodes:** ALDURB16; ALCHRC16

**Keywords:** functional limitation; senility; dementia; Alzheimer's

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA16. See the Survey Description Document for more information.

**Duration (in years) of senility, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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>

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**Question ID:** AHS.315_02.000  
**R02 RECODE**  
**Instrument Variable Name:** ALDURB16

**How long have you had senility?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to senility

**Sources:** ALTIME16; ALUNIT16

**Recodes:** ALCHRC16

**Keywords:** functional limitation; senility; dementia; Alzheimer's

**Notes:** See the Survey Description Document for more information.

**Duration of senility, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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: AHS.315_02.000  R03 RECODE  Instrument Variable Name:  
Final Documentation Name: ALCHRC16

How long have you had senility?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA16 = '1'

Description: Sample adults aged 18+ years with difficulty due to senility

Sources: AFLHCA16; ALDURB16

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; senility; dementia; Alzheimer's

Notes: Condition was coded as chronic (ALCHRC16 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Senility condition status recode

<table>
<thead>
<tr>
<th></th>
<th>Chronic</th>
<th>Not chronic</th>
<th>Unknown if chronic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Question ID: AHS.316_01.000  Instrument Variable Name: AHCL17N  
Final Documentation Name: ALTIME17

How long have you had depression, anxiety, or an emotional problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA17 = '1'

Description: Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

Sources: AHCL17N

Recodes: ALDURA17; ALDURB17; ALCHRC17

Keywords: functional limitation; depression; anxiety; emotional problem

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of depression/anxiety/emotional problem: Number of units

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
<td></td>
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<tr>
<td>95</td>
<td>95+</td>
<td></td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
<td></td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHS.316_02.000
Instrument Variable Name: AHCL17T
Final Documentation Name: ALUNIT17

How long have you had depression, anxiety, or an emotional problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA17 = '1'
Description: Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

Sources: AHCL17T
Recodes: ALDURA17; ALDURB17; ALCRC17
Keywords: functional limitation; depression; anxiety; emotional problem
Notes: See the Survey Description Document for more information.

Duration of depression/anxiety/emotional problem: Time unit

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</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: AHS.316_02.000 R01 RECODE
Instrument Variable Name: ALDURA17
Final Documentation Name: ALDURA17

How long have you had depression, anxiety, or an emotional problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA17 = '1'
Description: Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

Sources: ALTIME17; ALUNIT17
Recodes: ALDURB17; ALCRC17
Keywords: functional limitation; depression; anxiety; emotional problem
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA17. See the Survey Description Document for more information.

Duration (in years) of depression/anxiety/emotional problem, recode 1

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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: AHS.316_02.000  R02 RECODE  Instrument Variable Name:  
Final Documentation Name: ALDURB17

**How long have you had depression, anxiety, or an emotional problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA17 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

**Sources:**  
ALTIME17; ALUNIT17

**Recodes:**  
ALCHRC17

**Keywords:**  
functional limitation; depression; anxiety; emotional problem

**Notes:**  
See the Survey Description Document for more information.

Duration of depression/anxiety/emotional problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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: AHS.316_02.000  R03 RECODE  Instrument Variable Name:  
Final Documentation Name: ALCHRC17

**How long have you had depression, anxiety, or an emotional problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA17 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

**Sources:**  
AFLHCA17; ALDURB17

**Recodes:**  
ALCNDR; ALCHRONR

**Keywords:**  
functional limitation; depression; anxiety; emotional problem

**Notes:**  
Condition was coded as chronic (ALCHRC17 = '1'), based on type of condition and/or reported duration of condition.  See the Survey Description Document for more information.

Depression/anxiety/emotional problem condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

Description: Sample adults aged 18+ years with difficulty due to weight problem

Sources: AHCL18N

Recodes: ALDURA18; ALDURB18; ALCHRC18

Keywords: functional limitation; weight problem; overweight; obesity

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of weight problem: Number of units

| 01-94 | 1-94 |
| 95    | 95+  |
| 96    | Since birth |
| 97    | Refused  |
| 98    | Not ascertained |
| 99    | Don't know |

How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

Description: Sample adults aged 18+ years with difficulty due to weight problem

Sources: AHCL18T

Recodes: ALDURA18; ALDURB18; ALCHRC18

Keywords: functional limitation; weight problem; overweight; obesity

Notes: See the Survey Description Document for more information.

Duration of weight problem: Time unit

| 1 | Day(s) |
| 2 | Week(s) |
| 3 | Month(s) |
| 4 | Year(s) |
| 6 | Since birth |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
2012 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 24-May-13

**Question ID:** AHS.317_02.000  
**R01 RECODE**  
Instrument Variable Name:  
Final Documentation Name: ALDURA18

**How long have you had a weight problem?**

**Universe:**  
ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = 'I'

**Description:**  
Sample adults aged 18+ years with difficulty due to weight problem

**Sources:**  
ALTIME18; ALUNIT18

**Recodes:**  
ALDURB18; ALCHRC18

**Keywords:**  
functional limitation; weight problem; overweight; obesity

**Notes:**  
Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA18. See the Survey Description Document for more information.

**Duration (in years) of weight problem, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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:** AHS.317_02.000  
**R02 RECODE**  
Instrument Variable Name:  
Final Documentation Name: ALDURB18

**How long have you had a weight problem?**

**Universe:**  
ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = 'I'

**Description:**  
Sample adults aged 18+ years with difficulty due to weight problem

**Sources:**  
ALTIME18; ALUNIT18

**Recodes:**  
ALCHRC18

**Keywords:**  
functional limitation; weight problem; overweight; obesity

**Notes:**  
See the Survey Description Document for more information.

**Duration of weight problem, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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:** AHS.317_02.000  
**Instrument Variable Name:** RECODE  
**Final Documentation Name:** ALCHRC18

### How long have you had a weight problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to weight problem

**Sources:** AFLHCA18; ALDURB18

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; weight problem; overweight; obesity

**Notes:** Condition was coded as chronic (ALCHRC18 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

#### Weight problem condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.318_01.000 RECODE  
**Instrument Variable Name:** AHCL19N  
**Final Documentation Name:** ALTIME19

### How long have you had missing limbs (fingers, toes, or digits)?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** None

**Recodes:** ALDURA19; ALDURB19; ALCHRC19

**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC19_. See the Survey Description Document for more information.

#### Duration of missing limbs (fingers, toes, or digits); amputation: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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:** AHS.318_02.000 RECODE  
**Instrument Variable Name:** AHCL19T  
**Final Documentation Name:** ALUNIT19

**How long have you had missing limbs (fingers, toes, or digits)?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** None  
**Recodes:** ALDURA19; ALDURB19; ALCHR19  
**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee  
**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC19_. See the Survey Description Document for more information.

Duration of missing limbs (fingers, toes, or digits); amputation: Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
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</thead>
<tbody>
<tr>
<td>1 Day(s)</td>
<td>1</td>
</tr>
<tr>
<td>2 Week(s)</td>
<td>2</td>
</tr>
<tr>
<td>3 Month(s)</td>
<td>3</td>
</tr>
<tr>
<td>4 Year(s)</td>
<td>4</td>
</tr>
<tr>
<td>6 Since birth</td>
<td>6</td>
</tr>
<tr>
<td>7 Refused</td>
<td>7</td>
</tr>
<tr>
<td>8 Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>9 Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.318_02.000 R01 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA19

**How long have you had missing limbs (fingers, toes, or digits)?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** ALTIME19; ALUNIT19  
**Recodes:** ALDURB19; ALCHR19  
**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee  
**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA19. See the Survey Description Document for more information.

Duration (in years) of missing limbs (fingers, toes, or digits); amputation, recode 1

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>01-84 years</td>
<td>01-84</td>
</tr>
<tr>
<td>85+ years</td>
<td>85</td>
</tr>
<tr>
<td>Unknown number of years</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>
### How long have you had missing limbs (fingers, toes, or digits)?

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** ALTIME19; ALUNIT19

**Recodes:** ALCHRC19

**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:** See the Survey Description Document for more information.

#### Duration of missing limbs (fingers, toes, or digits); amputation, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>

### How long have you had missing limbs (fingers, toes, or digits)?

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

**Sources:** AFLHC19_; ALDURB19

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:** Condition was coded as chronic (ALCHRC19 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

#### Missing limbs (fingers, toes, or digits); amputation condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
How long have you had a musculoskeletal/connective tissue problem?

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

**Duration of musculoskeletal/connective tissue problem:** Number of units

<table>
<thead>
<tr>
<th>Duration</th>
<th>Time Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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>

How long have you had a musculoskeletal/connective tissue problem?

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

**Duration of musculoskeletal/connective tissue problem:** Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Time Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</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>
How long have you had a musculoskeletal/connective tissue problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problems

**Sources:** ALTIME20; ALUNIT20

**Recodes:** ALDURB20; ALCHRC20

**Keywords:** functional limitation; musculoskeletal system; connective tissue

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA20. See the Survey Description Document for more information.

**Duration (in years) of musculoskeletal/connective tissue problem, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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>

How long have you had a musculoskeletal/connective tissue problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

**Sources:** ALTIME20; ALUNIT20

**Recodes:** ALCHRC20

**Keywords:** functional limitation; musculoskeletal system; connective tissue

**Notes:** See the Survey Description Document for more information.

**Duration of musculoskeletal/connective tissue problem, recode 2**

<table>
<thead>
<tr>
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<tbody>
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<tr>
<td>2</td>
<td>3-5 months</td>
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<td>8</td>
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<tr>
<td>9</td>
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2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHS.319_02.000 R03 RECODE
Instrument Variable Name: ALCHRC20
Final Documentation Name: ALCHRC20

How long have you had a musculoskeletal/connective tissue problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'
Description: Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problem

Sources: AFLHC20_; ALDURB20
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; musculoskeletal system; connective tissue
Notes: Condition was coded as chronic (ALCHRC20 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Musculoskeletal/connective tissue problem condition status recode

1     Chronic
2     Not chronic
9     Unknown if chronic

Question ID: AHS.320_01.000 RECODE
Instrument Variable Name: AHCL21N
Final Documentation Name: ALTIME21

How long have you had circulation problems (including blood clots)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'
Description: Sample adults aged 18+ years with difficulty due to circulation problems

Sources: None
Recodes: ALDURA21; ALDURB21; ALCHRC21
Keywords: functional limitation; circulation problem; circulatory system; blood clots
Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC21_. See the Survey Description Document for more information.

Duration of circulation problems (including blood clots): Number of units

01-94  1-94
95     95+
96     Since birth
97     Refused
98     Not ascertained
99     Don't know
Question ID: AHS.320_02.000 RECODE
Instrument Variable Name: AHCL21T
Final Documentation Name: ALUNIT21

How long have you had circulation problems (including blood clots)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

Description: Sample adults aged 18+ years with difficulty due to circulation problems

Sources: None
Recodes: ALDURA21; ALDURB21; ALCHRC21

Keywords: functional limitation; circulation problem; circulatory system; blood clots

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC21_. See the Survey Description Document for more information.

Duration of circulation problems (including blood clots): Time unit

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<th>Week(s)</th>
<th>Month(s)</th>
<th>Year(s)</th>
<th>Since birth</th>
<th>Refused</th>
<th>Not ascertained</th>
<th>Don't know</th>
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<td></td>
</tr>
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<td></td>
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<td></td>
<td></td>
</tr>
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</tr>
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</tr>
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<td>85+ years</td>
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<td></td>
</tr>
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Question ID: AHS.320_02.000 R01 RECODE
Instrument Variable Name: ALDURA21
Final Documentation Name: ALUNIT21

How long have you had circulation problems (including blood clots)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

Description: Sample adults aged 18+ years with difficulty due to circulation problems

Sources: ALTIME21; ALUNIT21
Recodes: ALDURB21; ALCHRC21

Keywords: functional limitation; circulation problem; circulatory system; blood clots

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA21. See the Survey Description Document for more information.

Duration (in years) of circulation problems (including blood clots), recode 1

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
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<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
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</tbody>
</table>
Question ID: AHS.320_02.000  R02 RECODE  Instrument Variable Name:  
Final Documentation Name: ALDURB21

How long have you had circulation problems (including blood clots)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'
Description: Sample adults aged 18+ years with difficulty due to circulation problem

Sources: ALTIME21; ALUNIT21
Recodes: ALCHRC21
Keywords: functional limitation; circulation problem; circulatory system; blood clots
Notes: See the Survey Description Document for more information.

Duration of circulation problems (including blood clots), recode 2

1  Less than 3 months  
2  3-5 months  
3  6-12 months  
4  More than 1 year  
7  Refused  
8  Not ascertained  
9  Don't know

Question ID: AHS.320_02.000  R03 RECODE  Instrument Variable Name:  
Final Documentation Name: ALCHRC21

How long have you had circulation problems (including blood clots)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'
Description: Sample adults aged 18+ years with difficulty due to circulation problem

Sources: AFLHC21_; ALDURB21
Recodes: ALCHRC21; ALCHRONR
Keywords: functional limitation; circulation problem; circulatory system; blood clots
Notes: Condition was coded as chronic (ALCHRC21 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Circulation problems (including blood clots) condition status recode

1  Chronic  
2  Not chronic  
9  Unknown if chronic
**Question ID:** AHS.321_01.000 RECODE  
**Instrument Variable Name:** AHCL22N  
**Final Documentation Name:** ALTIME22

### How long have you had an endocrine/nutritional/metabolic problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

**Sources:** None

**Recodes:** ALDURA22; ALDURB22; ALCHRC22

**Keywords:** functional limitation; endocrine; nutritional; metabolic

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC22_. See the Survey Description Document for more information.

**Duration of endocrine/nutritional/metabolic problem: Number of units**

<p>| | |</p>
<table>
<thead>
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<tr>
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<td>1-94</td>
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<td>95+</td>
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<td>97</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
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**Question ID:** AHS.321_02.000 RECODE  
**Instrument Variable Name:** AHCL22T  
**Final Documentation Name:** ALUNIT22

### How long have you had an endocrine/nutritional/metabolic problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

**Sources:** None

**Recodes:** ALDURA22; ALDURB22; ALCHRC22

**Keywords:** functional limitation; endocrine; nutritional; metabolic

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC22_. See the Survey Description Document for more information.

**Duration of endocrine/nutritional/metabolic problem: Time unit**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
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<td>Week(s)</td>
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<td>Month(s)</td>
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<td>Year(s)</td>
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<td>Since birth</td>
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<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>
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</table>
### How long have you had an endocrine/nutritional/metabolic problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

**Sources:** ALTIME22; ALUNIT22

**Recodes:** ALDURB22; ALCHRC22

**Keywords:** functional limitation; endocrine; nutritional; metabolic

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA22. See the Survey Description Document for more information.

**Duration (in years) of endocrine/nutritional/metabolic problem, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
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<td>01-84 years</td>
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<td>97</td>
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<tr>
<td>98</td>
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</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

---

### How long have you had an endocrine/nutritional/metabolic problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

**Sources:** ALTIME22; ALUNIT22

**Recodes:** ALCHRC22

**Keywords:** functional limitation; endocrine; nutritional; metabolic

**Notes:** See the Survey Description Document for more information.

**Duration of endocrine/nutritional/metabolic problem, recode 2**

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</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
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<td>4</td>
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<td>7</td>
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<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

**Question ID:** AHS.321_02.000 R03 RECODE

**Instrument Variable Name:**

Final Documentation Name: ALCHRC22

**How long have you had an endocrine/nutritional/metabolic problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to endocrine/nutritional/metabolic problem

**Sources:** AFLHC22_; ALDURB22

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; endocrine; nutritional; metabolic

**Notes:** Condition was coded as chronic (ALCHRC22 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Endocrine/nutritional/metabolic problem condition status recode**

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<th>Description</th>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
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</table>

**Question ID:** AHS.322_01.000 RECODE

**Instrument Variable Name:** AHCL23N

Final Documentation Name: ALTIME23

**How long have you had a nervous system/sensory organ condition?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

**Sources:** None

**Recodes:** ALDURA23; ALDURB23; ALCHRC23

**Keywords:** functional limitation; nervous system; sensory organs

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC23_. See the Survey Description Document for more information.

**Duration of nervous system/sensory organ condition: Number of units**

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<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
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<td>1-94</td>
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<td>95</td>
<td>95+</td>
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<td>97</td>
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<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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</table>
How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: None

Recodes: ALDURA23; ALDURB23; ALCHRC23

Keywords: functional limitation; nervous system; sensory organs

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC23_. See the Survey Description Document for more information.

Duration of nervous system/sensory organ condition: Time unit

1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: ALTIME23; ALUNIT23

Recodes: ALDURB23; ALCHRC23

Keywords: functional limitation; nervous system; sensory organs

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA23. See the Survey Description Document for more information.

Duration (in years) of nervous system/sensory organ condition, recode 1

00 Less than 1 year
01-84 01-84 years
85 85+ years
96 Unknown number of years
97 Refused
98 Not ascertained
99 Don't know
Question ID: AHS.322_02.000  R02 RECODE  Instrument Variable Name:  
Final Documentation Name: ALDURB23

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: ALTIME23; ALUNIT23

Recodes: ALCHRC23

Keywords: functional limitation; nervous system; sensory organs

Notes: See the Survey Description Document for more information.

Duration of nervous system/sensory organ condition, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

Question ID: AHS.322_02.000  R03 RECODE  Instrument Variable Name:  
Final Documentation Name: ALCHRC23

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: AFLHC23_; ALDURB23

Recodes: ALCNRDT; ALCHRONR

Keywords: functional limitation; nervous system; sensory organs

Notes: Condition was coded as chronic (ALCHRC23 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Nervous system/sensory organ condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic
How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

Description: Sample adults aged 18+ years with difficulty due to digestive system problems

Sources: None

Recodes: ALDURA24; ALDURB24; ALCHRC24

Keywords: functional limitation; digestion

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC24_. See the Survey Description Document for more information.

Duration of digestive system problems: Number of units

| 01-94 | 1-94 |
| 95    | 95+  |
| 96    | Since birth |
| 97    | Refused    |
| 98    | Not ascertained |
| 99    | Don't know |

How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

Description: Sample adults aged 18+ years with difficulty due to digestive system problems

Sources: None

Recodes: ALDURA24; ALDURB24; ALCHRC24

Keywords: functional limitation; digestion

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC24_. See the Survey Description Document for more information.

Duration of digestive system problems: Time unit

| 1     | Day(s) |
| 2     | Week(s) |
| 3     | Month(s) |
| 4     | Year(s) |
| 6     | Since birth |
| 7     | Refused    |
| 8     | Not ascertained |
| 9     | Don't know |
How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

Description: Sample adults aged 18+ years with difficulty due to digestive system problems

Sources: ALTIME24; ALUNIT24

R01 RECODE Instrument Variable Name: Final Documentation Name: ALDURA24

Duration (in years) of digestive system problems, recode 1

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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>

How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

Description: Sample adults aged 18+ years with difficulty due to digestive system problems

Sources: ALTIME24; ALUNIT24

R02 RECODE Instrument Variable Name: Final Documentation Name: ALDURB24

Duration of digestive system problems, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>
How long have you had digestive system problems?

Universes: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

Description: Sample adults aged 18+ years with difficulty due to digestive system problems.

Sources: AFLHC24_; ALDURB24

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; digestion

Notes: Condition was coded as chronic (ALCHRC24 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Digestive system problems condition status recode:

- 1 Chronic
- 2 Not chronic
- 9 Unknown if chronic

How long have you had a genitourinary system problem?

Universes: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a genitourinary system problem.

Sources: None

Recodes: ALDURA25; ALDURB25; ALCHRC25

Keywords: functional limitation; genitourinary system

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC25_. See the Survey Description Document for more information.

Duration of genitourinary system problem: Number of units:

- 01-94 1-94
- 95 95+
- 96 Since birth
- 97 Refused
- 98 Not ascertained
- 99 Don't know
How long have you had a genitourinary system problem?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a genitourinary system problem

**Sources:** None

**Recodes:** ALDURA25; ALDURB25; ALCHRC25

**Keywords:** functional limitation; genitourinary system

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC25_. See the Survey Description Document for more information.

**Duration of genitourinary system problem: Time unit**

- 1 Day(s)
- 2 Week(s)
- 3 Month(s)
- 4 Year(s)
- 6 Since birth
- 7 Refused
- 8 Not ascertained
- 9 Don't know

---

How long have you had a genitourinary system problem?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a genitourinary system problem

**Sources:** ALTIME25; ALUNIT25

**Recodes:** ALDURB25; ALCHRC25

**Keywords:** functional limitation; genitourinary system

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA25. See the Survey Description Document for more information.

**Duration (in years) of genitourinary system problem, recode 1**

- 00 Less than 1 year
- 01-84 01-84 years
- 85 85+ years
- 96 Unknown number of years
- 97 Refused
- 98 Not ascertained
- 99 Don't know
Question ID: AHS.324_02.000  
R02 RECODE  
Instrument Variable Name:  
Final Documentation Name: ALDURB25

How long have you had a genitourinary system problem?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description:  Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources:  ALTIME25; ALUNIT25
Recodes:  ALCHRC25
Keywords:  functional limitation; genitourinary system
Notes:  See the Survey Description Document for more information.

Duration of genitourinary system problem, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

Question ID: AHS.324_02.000  
R03 RECODE  
Instrument Variable Name:  
Final Documentation Name: ALCHRC25

How long have you had a genitourinary system problem?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description:  Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources:  AFLHC25_; ALDURB25
Recodes:  ALCNDRT; ALCHRONR
Keywords:  functional limitation; genitourinary system
Notes:  Condition was coded as chronic (ALCHRC25 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Genitourinary system problem condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
Question ID: AHS.325_01.000 RECODE
Instrument Variable Name: AHCIS26N
Final Documentation Name: ALTIME26

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: None
Recodes: ALDURA26; ALDURB26; ALCHRC26
Keywords: functional limitation; skin; subcutaneous system
Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the
time variable associated with the verbatim fields that were coded to AFLHC26_. See the Survey Description
Document for more information.

Duration of skin/subcutaneous system problems: Number of units

| 01-94 | 1-94 |
| 95    | 95+  |
| 96    | Since birth |
| 97    | Refused |
| 98    | Not ascertained |
| 99    | Don't know |

Question ID: AHS.325_02.000 RECODE
Instrument Variable Name: AHCIS26T
Final Documentation Name: ALUNIT26

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: None
Recodes: ALDURA26; ALDURB26; ALCHRC26
Keywords: functional limitation; skin; subcutaneous system
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with
the verbatim fields that were coded to AFLHC26_. See the Survey Description Document for more information.

Duration of skin/subcutaneous system problems: Time unit

| 1   | Day(s) |
| 2   | Week(s) |
| 3   | Month(s) |
| 4   | Year(s) |
| 6   | Since birth |
| 7   | Refused |
| 8   | Not ascertained |
| 9   | Don't know |
### How long have you had skin/subcutaneous system problems?

**Universe:**

\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN } ('997', '999')) \text{ and } \text{AFLHC26} = '1' \]

**Description:**

Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

**Sources:**

ALTIME26; ALUNIT26

**Recodes:**

ALDURB26; ALCHRC26

**Keywords:** functional limitation; skin; subcutaneous system

**Notes:**

Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA26. See the Survey Description Document for more information.

**Duration (in years) of skin/subcutaneous system problems, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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>

### How long have you had skin/subcutaneous system problems?

**Universe:**

\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN } ('997', '999')) \text{ and } \text{AFLHC26} = '1' \]

**Description:**

Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

**Sources:**

ALTIME26; ALUNIT26

**Recodes:**

ALCHRC26

**Keywords:** functional limitation; skin; subcutaneous system

**Notes:**

See the Survey Description Document for more information.

**Duration of skin/subcutaneous system problems, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHS.325_02.000 R03 RECODE Instrument Variable Name: ALCHRC26

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: AFLHC26_; ALDURB26
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; skin; subcutaneous system
Notes: Condition was coded as chronic (ALCHRC26 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Skin/subcutaneous system problems condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic

Question ID: AHS.326_01.000 RECODE Instrument Variable Name: AHCL27N

Final Documentation Name: ALTIME27

How long have you had a blood or blood-forming organ problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: None
Recodes: ALDURA27; ALDURB27; ALCHRC27
Keywords: functional limitation; blood; blood-forming organs
Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC27_. See the Survey Description Document for more information.

Duration of blood or blood-forming organ problem: Number of units

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
How long have you had a blood or blood-forming organ problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: None

Recodes: ALDURA27; ALDURB27; ALCHRC27

Keywords: functional limitation; blood; blood-forming organs

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC27_. See the Survey Description Document for more information.

Duration of blood or blood-forming organ problem: Time unit

1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
6  Since birth
7  Refused
8  Not ascertained
9  Don't know

How long have you had a blood or blood-forming organ problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: ALTIME27; ALUNIT27

Recodes: ALDURB27; ALCHRC27

Keywords: functional limitation; blood; blood-forming organs

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA27. See the Survey Description Document for more information.

Duration (in years) of blood or blood-forming organ problem, recode 1

00  Less than 1 year
01-84  01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
Question ID: AHS.326_02.000 R02 RECODE

How long have you had a blood or blood-forming organ problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: ALTIME27; ALUNIT27

Recodes: ALCHRC27

Keywords: functional limitation; blood; blood-forming organs

Notes: See the Survey Description Document for more information.

Duration of blood or blood-forming organ problem, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

Question ID: AHS.326_02.000 R03 RECODE

How long have you had a blood or blood-forming organ problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: AFLHC27_; ALDURB27

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; blood; blood-forming organs

Notes: Condition was coded as chronic (ALCHRC27 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Blood or blood-forming organ problem condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
How long have you had a benign tumor/cyst?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Duration of benign tumor/cyst: Number of units

- 01-94  1-94
- 95     95+
- 96     Since birth
- 97     Refused
- 98     Not ascertained
- 99     Don't know

How long have you had a benign tumor/cyst?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Duration of benign tumor/cyst: Time unit

- 1  Day(s)
- 2  Week(s)
- 3  Month(s)
- 4  Year(s)
- 6  Since birth
- 7  Refused
- 8  Not ascertained
- 9  Don't know
How long have you had a benign tumor/cyst?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

**Sources:** ALTIME28; ALUNIT28

**Recodes:** ALDURB28; ALCHRC28

**Keywords:** functional limitation; tumor; cyst; benign

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA28. See the Survey Description Document for more information.

**Duration (in years) of benign tumor/cyst, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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>

How long have you had a benign tumor/cyst?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

**Sources:** ALTIME28; ALUNIT28

**Recodes:** ALDURB28; ALCHRC28

**Keywords:** functional limitation; tumor; cyst; benign

**Notes:** See the Survey Description Document for more information.

**Duration of benign tumor/cyst, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
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</tr>
</tbody>
</table>
**Question ID:** AHS.327_02.000  
**Instrument Variable Name:** RECODE  
**Final Documentation Name:** ALCHRC28

### How long have you had a benign tumor/cyst?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

**Sources:** AFLHC28_; ALDURB28

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; tumor; cyst; benign

**Notes:** Condition was coded as chronic (ALCHRC28 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Benign tumor/cyst condition status recode**

<table>
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</thead>
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<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.328_01.000 RECODE  
**Instrument Variable Name:** AHCL29N  
**Final Documentation Name:** ALTIME29

### How long have you had an alcohol/drug/substance abuse problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

**Sources:** None

**Recodes:** ALDURA29; ALDURB29; ALCHRC29

**Keywords:** functional limitation; alcohol; substance abuse; drugs

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC29_. See the Survey Description Document for more information.

**Duration of alcohol /drug/substance abuse problem: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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:** AHS.328_02.000 RECODE  
**Instrument Variable Name:** AHCL29T  
**Final Documentation Name:** ALUNIT29

**How long have you had an alcohol/drug/substance abuse problem?**

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

**Sources:** None

**Recodes:** ALDURA29; ALDURB29; ALCHRC29

**Keywords:** functional limitation; alcohol; substance abuse; drugs

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC29_. See the Survey Description Document for more information.

**Duration of alcohol/drug/substance abuse problem: Time unit**

1. Day(s)
2. Week(s)
3. Month(s)
4. Year(s)
5. Since birth
6. Refused
7. Not ascertained
8. Don't know

**Question ID:** AHS.328_02.000 R01 RECODE  
**Instrument Variable Name:**

**Final Documentation Name:** ALDURA29

**How long have you had an alcohol/drug/substance abuse problem?**

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

**Sources:** ALTIME29; ALUNIT29

**Recodes:** ALDURB29; ALCHRC29

**Keywords:** functional limitation; alcohol; substance abuse; drugs

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA29. See the Survey Description Document for more information.

**Duration (in years) of alcohol/drug/substance abuse problem, recode 1**

00. Less than 1 year
01-84. 01-84 years
85. 85+ years
96. Unknown number of years
97. Refused
98. Not ascertained
99. Don't know
How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: ALTIME29; ALUNIT29

Recodes: ALCHRC29

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: Condition was coded as chronic (ALCHRC29 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Duration of alcohol/drug/substance abuse problem, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: AFLHC29_; ALDURB29

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: Condition was coded as chronic (ALCHRC29 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Alcohol /drug/substance abuse problem condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic
How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

**Question ID:** AHS.329_01.000 RECODE  
**Instrument Variable Name:** AHCL30N  
**Final Documentation Name:** ALTIME30

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

**Sources:** None

**Recodes:** ALDURA30; ALDURB30; ALCHRC30

**Keywords:** functional limitation; mental illness; ADD; bipolar; schizophrenia

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC30_. See the Survey Description Document for more information.

### Duration of other mental problem/ADD/Bipolar/Schizophrenia: Number of units

- 01-94 1-94
- 95 95+
- 96 Since birth
- 97 Refused
- 98 Not ascertained
- 99 Don't know

How long have you had an other mental/ADD/Bipolar/Schizophrenia?

**Question ID:** AHS.329_02.000 RECODE  
**Instrument Variable Name:** AHCL30T  
**Final Documentation Name:** ALUNIT30

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

**Sources:** None

**Recodes:** ALDURA30; ALDURB30; ALCHRC30

**Keywords:** functional limitation; mental illness; ADD; bipolar; schizophrenia

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC30_. See the Survey Description Document for more information.

### Duration of other mental problem/ADD/Bipolar/Schizophrenia: Time unit

- 1 Day(s)
- 2 Week(s)
- 3 Month(s)
- 4 Year(s)
- 6 Since birth
- 7 Refused
- 8 Not ascertained
- 9 Don't know
**How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

**Sources:** ALTIME30; ALUNIT30

**Recodes:** ALDURB30; ALCHRC30

**Keywords:** functional limitation; mental illness; ADD; bipolar; schizophrenia

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA30. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration (in years)</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>01-84 years</td>
<td>01-84</td>
</tr>
<tr>
<td>85+ years</td>
<td>85</td>
</tr>
<tr>
<td>Unknown number of years</td>
<td>96</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>

**Duration (in years) of other mental problem/ADD/Bipolar/Schizophrenia, recode 2**

<table>
<thead>
<tr>
<th>Duration of other mental problem/ADD/Bipolar/Schizophrenia, recode 2</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 3 months</td>
<td>1</td>
</tr>
<tr>
<td>3-5 months</td>
<td>2</td>
</tr>
<tr>
<td>6-12 months</td>
<td>3</td>
</tr>
<tr>
<td>More than 1 year</td>
<td>4</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>

**How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

**Sources:** ALTIME30; ALUNIT30

**Recodes:** ALCHRC30

**Keywords:** functional limitation; mental illness; ADD; bipolar; schizophrenia

**Notes:** See the Survey Description Document for more information.
### How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC30_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

**Sources:** AFLHC30_; ALDURB30

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; mental illness; ADD; bipolar; schizophrenia

**Notes:** Condition was coded as chronic (ALCHRC30 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Other mental problem/ADD/Bipolar/Schizophrenia condition status recode**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

### How long have you had surgical after-effects/medical treatment problems?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC31_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

**Sources:** None

**Recodes:** ALDURA31; ALDURB31; ALCHRC31

**Keywords:** functional limitation; operation; surgery; other medical treatment

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC31_. See the Survey Description Document for more information.

**Duration of surgical after-effects/medical treatment problems: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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: AHS.330_02.000 RECODE

How long have you had surgical after-effects/medical treatment problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: None

Recodes: ALDURA31; ALDURB31; ALCHRC31

Keywords: functional limitation; operation; surgery; other medical treatment

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC31_. See the Survey Description Document for more information.

Duration of surgical after-effects/medical treatment problems: Time unit

   1   Day(s)
   2   Week(s)
   3   Month(s)
   4   Year(s)
   6   Since birth
   7   Refused
   8   Not ascertained
   9   Don't know

Question ID: AHS.330_02.000 R01 RECODE

How long have you had surgical after-effects/medical treatment problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: ALTIME31; ALUNIT31

Recodes: ALDURB31; ALCHRC31

Keywords: functional limitation; operation; surgery; other medical treatment

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA31. See the Survey Description Document for more information.

Duration (in years) of surgical after-effects/medical treatment problems, recode 1

   00   Less than 1 year
   01-84 01-84 years
   85   85+ years
   96   Unknown number of years
   97   Refused
   98   Not ascertained
   99   Don't know
Question ID: AHS.330_02.000 R02 RECODE Instrument Variable Name: final Documentation Name: ALDURB31

How long have you had surgical after-effects/medical treatment problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'
Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems
Sources: ALTIME31; ALUNIT31
Recodes: ALCHRC31
Keywords: functional limitation; operation; surgery; other medical treatment
Notes: See the Survey Description Document for more information.

Duration of surgical after-effects/medical treatment problems, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

Question ID: AHS.330_02.000 R03 RECODE Instrument Variable Name: final Documentation Name: ALCHRC31

How long have you had surgical after-effects/medical treatment problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'
Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems
Sources: AFLHC31_; ALDURB31
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; operation; surgery; other medical treatment
Notes: Condition was coded as chronic (ALCHRC31 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Surgical after-effects/medical treatment problems condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
**How long have you had "old age"/elderly/aging-related problems?**

**Universe:** $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ('997', '999')) and $\text{AFLHC32}_\_ = '1'$

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** None

**Recodes:** ALDURA32; ALDURB32; ALCHRC32

**Keywords:** functional limitation; elderly; old age; aging

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to $\text{AFLHC32}_\_$. See the Survey Description Document for more information.

**Duration of "old age"/elderly/aging-related problems: Number of units**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
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<tr>
<td>96</td>
<td>Since birth</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>
</tr>
</tbody>
</table>

**How long have you had "old age"/elderly/aging-related problems?**

**Universe:** $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ('997', '999')) and $\text{AFLHC32}_\_ = '1'$

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** None

**Recodes:** ALDURA32; ALDURB32; ALCHRC32

**Keywords:** functional limitation; elderly; old age; aging

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to $\text{AFLHC32}_\_$. See the Survey Description Document for more information.

**Duration of "old age"/elderly/aging-related problems: Time unit**

<table>
<thead>
<tr>
<th>Units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
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<tr>
<td>4</td>
<td>Year(s)</td>
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<tr>
<td>5</td>
<td>Since birth</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>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHS.331_02.000 R01 RECODE
Instrument Variable Name: B
Final Documentation Name: ALDURA32

How long have you had "old age"/elderly/aging-related problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'
Description: Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

Sources: ALTIME32; ALUNIT32
Recodes: ALDURB32; ALCHRC32
Keywords: functional limitation; elderly; old age; aging
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA32. See the Survey Description Document for more information.

Duration (in years) of "old age"/elderly/aging-related problems, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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: AHS.331_02.000 R02 RECODE
Instrument Variable Name: C
Final Documentation Name: ALDURB32

How long have you had "old age"/elderly/aging-related problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'
Description: Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

Sources: ALTIME32; ALUNIT32
Recodes: ALCHRC32
Keywords: functional limitation; elderly; old age; aging
Notes: See the Survey Description Document for more information.

Duration of "old age"/elderly/aging-related problems, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 24-May-13**

---

**Question ID:** AHS.331_02.000  R03  RECODE  

**Instrument Variable Name:**

Final Documentation Name: ALCHRC32

**How long have you had "old age"/elderly/aging-related problems?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** AFLHC32_; ALDURB32

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; elderly; old age; aging

**Notes:** Condition was coded as chronic (ALCHRC32 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

"Old age"/elderly/aging-related problems condition status recode

<table>
<thead>
<tr>
<th></th>
<th>Chronic</th>
<th>Not chronic</th>
<th>Unknown if chronic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Question ID:** AHS.332_01.000 RECODE  

**Instrument Variable Name:** AHCL33N  

Final Documentation Name: ALTIME33

**How long have you had a fatigue/tiredness/weakness problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

**Sources:** None

**Recodes:** ALDURA33; ALDURB33; ALCHRC33

**Keywords:** functional limitation; fatigue; tiredness; weakness

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC33_. See the Survey Description Document for more information.

Duration of fatigue/tiredness/weakness problem: Number of units

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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>
How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC33_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Duration of fatigue/tiredness/weakness problem: Time unit
1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
5  Since birth
6  Refused
7  Not ascertained
8  Don't know

Duration (in years) of fatigue/tiredness/weakness problem, recode 1
00  Less than 1 year
01-84  01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHS.332_02.000 R02 RECODE
Instrument Variable Name: ALDURB33
Final Documentation Name: ALDURB33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: ALTIME33; ALUNIT33
Recodes: ALCHRC33
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: See the Survey Description Document for more information.

Duration of fatigue/tiredness/weakness problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
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<tr>
<td>4</td>
<td>More than 1 year</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>
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</tbody>
</table>

Question ID: AHS.332_02.000 R03 RECODE
Instrument Variable Name: ALCHRC33
Final Documentation Name: ALCHRC33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: AFLHC33_; ALDURB33
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: Condition was coded as chronic (ALCHRC33 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Fatigue/tiredness/weakness problem condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
Question ID: AHS.333_01.000 RECODE
Instrument Variable Name: AHCL34N
Final Documentation Name: ALTIME34

How long have you had a pregnancy-related problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

Sources: None
Recodes: ALDURA34; ALDURB34; ALCHRC34
Keywords: functional limitation; pregnancy
Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC34_. See the Survey Description Document for more information.

Duration of pregnancy-related problem: Number of units

- 01-94  1-94
- 95    95+
- 96    Since birth
- 97    Refused
- 98    Not ascertained
- 99    Don't know

Question ID: AHS.333_02.000 RECODE
Instrument Variable Name: AHCL34T
Final Documentation Name: ALUNIT34

How long have you had a pregnancy-related problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

Sources: None
Recodes: ALDURA34; ALDURB34; ALCHRC34
Keywords: functional limitation; pregnancy
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC34_. See the Survey Description Document for more information.

Duration of pregnancy-related problem: Time unit

- 1   Day(s)
- 2   Week(s)
- 3   Month(s)
- 4   Year(s)
- 6   Since birth
- 7   Refused
- 8   Not ascertained
- 9   Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHS.333_02.000 R01 RECODE Instrument Variable Name:
Final Documentation Name: ALDURA34

How long have you had a pregnancy-related problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a pregnancy-related problem
Sources: ALTIME34; ALUNIT34
Recodes: ALDURB34; ALCHRC34
Keywords: functional limitation; pregnancy
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA34. See the Survey Description Document for more information.

Duration (in years) of pregnancy-related problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
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<td>85</td>
<td>85+ years</td>
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<td>96</td>
<td>Unknown number of years</td>
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<tr>
<td>97</td>
<td>Refused</td>
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<tr>
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<tr>
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</table>

Question ID: AHS.333_02.000 R02 RECODE Instrument Variable Name:
Final Documentation Name: ALDURB34

How long have you had a pregnancy-related problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a pregnancy-related problem
Sources: ALTIME34; ALUNIT34
Recodes: ALCHRC34
Keywords: functional limitation; pregnancy
Notes: See the Survey Description Document for more information.

Duration of pregnancy-related problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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: AHS.333_02.000  

In 2012 NATIONAL HEALTH INTERVIEW SURVEY 
Sample Adult samadult : Adult Health Status & Limitations PUBLIC USE 
Document Version Date: 24-May-13

How long have you had a pregnancy-related problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

Sources: AFLHC34_; ALDURB34

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; pregnancy

Notes: Condition was coded as chronic (ALCHRC34 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Pregnancy-related condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic

Question ID: AHS.335_01.000  

Instrument Variable Name: AHCL90N

Final Documentation Name: ALTIME90

How long have you had {problem in AFLHCA90}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)

Sources: AHCL90N

Recodes: ALDURA90; ALDURB90; ALCHRC90

Keywords: functional limitation; not elsewhere classified

Notes: Years are topcoded at 85. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (1): Number of units

<table>
<thead>
<tr>
<th>01-94</th>
<th>95</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-94</td>
<td>95+</td>
</tr>
<tr>
<td>95</td>
<td>Since birth</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>

Duration of other impairment/problem N.E.C. (1): Number of units

<table>
<thead>
<tr>
<th>01-94</th>
<th>1-94</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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>
How long have you had {problem in AFLHCA90}? 

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)

Sources: AHCL90T
Recodes: ALDURA90; ALDURB90; ALCHRC90
Keywords: functional limitation; not elsewhere classified
Notes: N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (1): Time unit

1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
6  Since birth
7  Refused
8  Not ascertained
9  Don't know

How long have you had {problem in AFLHCA90}? 

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)

Sources: ALTIME90; ALUNIT90
Recodes: ALDURA90; ALDURB90; ALCHRC90
Keywords: functional limitation; not elsewhere classified
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA90. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration (in years) of other impairment/problem N.E.C. (1), recode 1

00  Less than 1 year
01-84  01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
### How long have you had {problem in AFLHCA90}?  

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'  

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (1)  

**Sources:**  
ALTIME90; ALUNIT90  

**Recodes:**  
ALCHRC90  

**Keywords:**  
functional limitation; not elsewhere classified  

**Notes:**  
N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.  

<table>
<thead>
<tr>
<th>Duration of other impairment/problem N.E.C. (1), recode 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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>

### How long have you had {problem in AFLHCA90}?  

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'  

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (1)  

**Sources:**  
AFLHCA90; ALDURB90  

**Recodes:**  
ALCNDRT; ALCHRONR  

**Keywords:**  
functional limitation; not elsewhere classified  

**Notes:**  
N.E.C. is “not elsewhere classified.” Condition was coded as chronic (ALCHRC90 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.  

<table>
<thead>
<tr>
<th>Other impairment/problem N.E.C. (1) condition status recode</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
Question ID: AHS.336_01.000
Instrument Variable Name: AHCL91N
Final Documentation Name: ALTIME91

How long have you had {problem in AFLHCA91}?  

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

Sources: AHCL91N
Recodes: ALDURA91; ALDURB91; ALCHRC91
Keywords: functional limitation; not elsewhere classified
Notes: Years are topcoded at 85. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (2): Number of units

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</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: AHS.336_02.000
Instrument Variable Name: AHCL91T
Final Documentation Name: ALUNIT91

How long have you had {problem in AFLHCA91}?  

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

Sources: AHCL91T
Recodes: ALDURA91; ALDURB91; ALCHRC91
Keywords: functional limitation; not elsewhere classified
Notes: N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (2): Time unit

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</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>
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

samadult : Adult Health Status & Limitations

PUBLIC USE

Document Version Date: 24-May-13

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**Question ID:** AHS.336_02.000  
**Instrument Variable Name:** R01 RECODE

**Final Documentation Name:** ALDURA91

---

**How long have you had {problem in AFLHCA91}?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:** ALTIME91; ALUNIT91

**Recodes:** ALDURB91; ALCHRC91

**Keywords:** functional limitation; not elsewhere classified

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA91. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

**Duration (in years) of other impairment/problem N.E.C. (2), recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</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:** AHS.336_02.000  
**Instrument Variable Name:** R02 RECODE

**Final Documentation Name:** ALDURB91

---

**How long have you had {problem in AFLHCA91}?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:** ALTIME91; ALUNIT91

**Recodes:** ALCHRC91

**Keywords:** functional limitation; not elsewhere classified

**Notes:** N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

**Duration of other impairment/problem N.E.C. (2), recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</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: AHS.336_02.000 R03 RECODE

**Instrument Variable Name:**

Final Documentation Name: ALCHRC91

**How long have you had {problem in AFLHCA91}?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:**  
AFLHCA91; ALDURB91

**Recodes:**  
ALCNDR; ALCHRONR

**Keywords:**  
functional limitation; not elsewhere classified

**Notes:**  
N.E.C. is “not elsewhere classified.” Condition was coded as chronic (ALCHRC91 = ’1’), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Other impairment/problem N.E.C. (2) condition status recode**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

### Question ID: AHS.336_02.000 R04 RECODE

**Instrument Variable Name:**

Final Documentation Name: ALCNDR

**Recode**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and FLA1AR = '1'

**Description:**  
All sample adults aged 18+ years reporting some limitation of activity

**Sources:**  
ALCHRC1-34, ALCHRC90, ALCHRC91

**Recodes:**  
ALCHRONR

**Keywords:**  
functional limitation; chronic condition

**Notes:**  
None

**Chronic condition recode for individual with functional limitation**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>At least one condition causing functional limitation is chronic</td>
</tr>
<tr>
<td>2</td>
<td>No condition causing functional limitation</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if any condition causing functional limitation is chronic</td>
</tr>
</tbody>
</table>
**Question ID:** AHS.336_02.000  
*Instrument Variable Name:*  
*R05 RECODE*  
*Final Documentation Name: ALCHRONR*

**Recode**

**Universe:**  
`ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))`

**Description:** Sample adults aged 18+ years

**Sources:** ALCNDRT; FLA1AR

**Recodes:** None

**Keywords:** functional limitation; chronic condition

**Notes:** None

Overall functional limitation recode by condition status

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not limited in any way (including unknown if limited)</td>
</tr>
<tr>
<td>1</td>
<td>Limited; caused by at least one chronic condition</td>
</tr>
<tr>
<td>2</td>
<td>Limited; not caused by chronic condition</td>
</tr>
<tr>
<td>3</td>
<td>Limited; unknown if condition is chronic</td>
</tr>
</tbody>
</table>

**Question ID:** AHB.010_00.000  
*Instrument Variable Name:* SMKEV  
*Final Documentation Name: SMKEV*

**Have you smoked at least 100 cigarettes in your ENTIRE LIFE?**

**Universe:**  
`ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))`

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** SMKSTAT2

**Keywords:** smoke; smoking; cigarettes; tobacco

**Notes:** None

Ever smoked 100 cigarettes

<table>
<thead>
<tr>
<th>Number</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>
How old were you when you FIRST started to smoke fairly regularly?

Question ID: AHB.020_00.000
Instrument Variable Name: SMKREG
Final Documentation Name: SMKREG

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKEV = '1'

Description: Sample adults aged 18+ years who ever smoked 100 cigarettes

Sources: None
Recodes: None
Keywords: smoke; smoking; cigarettes; tobacco
Notes: None

Age first smoked fairly regularly

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-84</td>
<td>6 - 84 years</td>
</tr>
<tr>
<td>85</td>
<td>85 years or older</td>
</tr>
<tr>
<td>96</td>
<td>Never smoked regularly</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>

Do you NOW smoke cigarettes every day, some days or not at all?

Question ID: AHB.030_00.000
Instrument Variable Name: SMKNOW
Final Documentation Name: SMKNOW

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKEV = '1'

Description: Sample adults aged 18+ years who ever smoked 100 cigarettes

Sources: None
Recodes: SMKSTAT2
Keywords: smoke; smoking; cigarettes; tobacco
Notes: None

Smoke freq: everyday/some days/not at all

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Every day</td>
</tr>
<tr>
<td>2</td>
<td>Some days</td>
</tr>
<tr>
<td>3</td>
<td>Not at all</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: AHB.030_00.000 R01 RECODE

Instrument Variable Name:
Final Documentation Name: SMKSTAT2

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: SMKEY; SMKNOW
Recodes: None
Keywords: smoke; smoking status; cigarettes; tobacco
Notes: Some day smokers are persons who said they smoked some days, including those who reported smoking zero days in the past 30 days.

Smoking Status: Recode
1 Current every day smoker
2 Current some day smoker
3 Former smoker
4 Never smoker
5 Smoker, current status unknown
9 Unknown if ever smoked

Question ID: AHB.040_01.000

Instrument Variable Name: SMKQTNO
Final Documentation Name: SMKQTNO

How long has it been since you quit smoking cigarettes?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '3'
Description: Sample adults aged 18+ years who quit smoking

Sources: None
Recodes: SMKQTY
Keywords: smoke; quit smoking; cigarettes; tobacco; smoking cessation
Notes: (1) CAPI instrument did not allow respondent to report having quit smoking younger than 15 years of age. (2) Years are topcoded at 70 and truncated at AGE_P minus SMKREG.

Time since quit: # of units
01-94 1 - 94
95 95+
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** AHB.040_02.000  
**Instrument Variable Name:** SMKQTTP  
**Final Documentation Name:** SMKQTTP

**How long has it been since you quit smoking cigarettes?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '3'

**Description:** Sample adults aged 18+ years who quit smoking

**Sources:** None

**Recodes:** SMKQTY

**Keywords:** smoke; quit smoking; cigarettes; tobacco; smoking cessation

**Notes:** CAPI instrument did not allow respondent to report having quit smoking younger than 15 years of age.

<table>
<thead>
<tr>
<th>Time since quit: time period</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Week(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Month(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year(s)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Refused</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Not ascertained</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Don't know</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Question ID: AHB.040_02.000 R01 RECODE | Instrument Variable Name: SMKQTY |

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '3'

**Description:** Sample adults aged 18+ years who ever smoked 100 cigarettes but don't smoke now

**Sources:** SMKQTNO; SMKQTTP; AGE; SMKREG

**Recodes:** None

**Keywords:** smoke; quit smoking; cigarettes; tobacco; smoking cessation

**Notes:** (1) CAPI instrument did not allow respondent to report having quit smoking younger than 15 years of age. (2) Truncated at AGE_P minus SMKREG.

<table>
<thead>
<tr>
<th>Time since quit smoking (in years)</th>
<th>00</th>
<th>01-69</th>
<th>70</th>
<th>97</th>
<th>98</th>
<th>99</th>
</tr>
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<tbody>
<tr>
<td>Less than 1 year</td>
<td></td>
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<tr>
<td>1-69 years</td>
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<tr>
<td>70+ years</td>
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<tr>
<td>Refused</td>
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<tr>
<td>Not ascertained</td>
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<tr>
<td>Don't know</td>
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</tbody>
</table>
Question ID: AHB.050_00.000

Instrument Variable Name: CIGSDA1

Final Documentation Name: CIGSDA1

On the average, how many cigarettes do you now smoke a day?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '1'

Description: Sample adults aged 18+ years who are current every day smokers

Sources: None

Recodes: CIGSDAY

Keywords: smoke; smoking; cigarettes; tobacco

Notes: None

Number cigs per day (daily smokers)

- 01-94 1 - 94 cigarettes
- 95 95+ cigarettes
- 97 Refused
- 98 Not ascertained
- 99 Don't know

Question ID: AHB.060_00.000

Instrument Variable Name: CIGDAMO

Final Documentation Name: CIGDAMO

On how many of the PAST 30 DAYS did you smoke a cigarette?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = 2

Description: Sample adults aged 18+ years who are current some day smokers

Sources: None

Recodes: None

Keywords: smoke; smoking; cigarettes; tobacco

Notes: None

Number days smoked in past 30 days

- 00 None
- 01-30 1-30 days
- 97 Refused
- 98 Not ascertained
- 99 Don't know
Question ID: AHB.070_00.000
Instrument Variable Name: CIGSDA2
Final Documentation Name: CIGSDA2

On the average, when you smoked during the PAST 30 DAYS, about how many cigarettes did you smoke a day?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '2' and (( '01' <=CIGDAMO<='30') or CIGDAMO = 97-99)

Description: Sample adults aged 18+ years who are current some day smokers and smoked 1-30 days in past month or number of days was refused, not ascertained, or not known

Sources: None
Recodes: CIGSDAY
Keywords: smoke; smoking; cigarettes; tobacco
Notes: None

Number cigs per day (some day smokers)

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<thead>
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<tbody>
<tr>
<td>01</td>
<td>1-94 cigarettes</td>
</tr>
<tr>
<td>95</td>
<td>95+ cigarettes</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: AHB.070_00.000 R01 RECODE
Instrument Variable Name: CIGSDAY
Final Documentation Name: CIGSDAY

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW =1 or [SMKNOW = 2 and CIGDAMO = 01-30, 97-99]

Description: Sample adults aged 18+ years who smoked everyday or smoked some days, and smoked 1-30 days or (Ref/NA/DK number of days} in the past 30 days

Sources: CIGSDA1; CIGSDA2
Recodes: None
Keywords: smoke; smoking; cigarettes; tobacco
Notes: Denominator EXCLUDES persons who said they smoked some days in Q.# AHB.030, but said they smoked zero days in the past 30 days in Q.# AHB.060.

Number of cigarettes a day (all current smokers)

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<thead>
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</thead>
<tbody>
<tr>
<td>01</td>
<td>1-94 cigarettes</td>
</tr>
<tr>
<td>95</td>
<td>95+ cigarettes</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>
During the PAST 12 MONTHS, have you stopped smoking for more than one day BECAUSE YOU WERE TRYING TO QUIT SMOKING?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = 1, 2

Description: Sample adults aged 18+ years who are every day or someday smokers

Sources: None
Recodes: None
Keywords: smoke; quit smoking; cigarettes; tobacco; smoking cessation
Notes: None

<table>
<thead>
<tr>
<th>Tried quit smoking 1+ days, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
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<tr>
<td>8</td>
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<tr>
<td>9</td>
</tr>
</tbody>
</table>

Have you ever smoked tobacco products other than cigarettes EVEN ONE TIME?

* Do not include electronic cigarettes or e-cigarettes.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: other tobacco products; tobacco products; other than cigarettes; smoking
Notes: Added in 2012-2013 to AHB section.
**Question ID:** AHB.085_00.020  
**Instrument Variable Name:** OTHCIGED  
**Final Documentation Name:** OTHCIGED

**Do you NOW smoke tobacco products other than cigarettes every day, some days, rarely, or not at all?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN('997','999')) and OTHCIGEV='1'

**Description:** Sample adults 18+ who have ever smoked tobacco products other than cigarettes

**Sources:** None

**Recodes:** None

**Keywords:** other tobacco products; tobacco products; other than cigarettes; smoke/smoking

**Notes:** Added in 2012-2013 to AHB section.

烟雾频：每天都/某些日子/很少/根本不

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<tbody>
<tr>
<td>1</td>
<td>Every day</td>
</tr>
<tr>
<td>2</td>
<td>Some days</td>
</tr>
<tr>
<td>3</td>
<td>Rarely</td>
</tr>
<tr>
<td>4</td>
<td>Not at all</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>
Smokeless tobacco products are placed in the mouth or nose and can include chewing tobacco, snuff, dip, snus (snoose), or dissolvable tobacco.

Have you ever used smokeless tobacco products EVEN ONE TIME?

* Do not include nicotine replacement therapy products (patch, gum, lozenge, spray), which are considered smoking cessation treatments.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: smokeless tobacco; other tobacco products; other than cigarettes; smoke/smoking

Notes: Added in 2012-2013 to AHB section.

Ever used smokeless tobacco products

<p>| | |</p>
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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>
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult

samadult : Adult Health Behaviors

PUBLIC USE

Document Version Date: 24-May-13

<table>
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<th>Question ID:</th>
<th>AHB.085_00.040</th>
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<tbody>
<tr>
<td>Instrument Variable Name:</td>
<td>SMKLESED</td>
</tr>
<tr>
<td>Final Documentation Name:</td>
<td>SMKLESED</td>
</tr>
</tbody>
</table>

**Do you NOW use smokeless tobacco products every day, some days, rarely, or not at all?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN('997','999')) and SMKLESEV='1'

**Description:** Sample adults 18+ who have ever used smokeless tobacco products

**Sources:** None

**Recodes:** None

**Keywords:** smokeless tobacco; other tobacco products; other than cigarettes; smoke/smoking

**Notes:** Added in 2012-2013 to AHB section.

Smokeless tobacco freq: everyday/some days/rarely/not at all

| 1 | Every day |
| 2 | Some days |
| 3 | Rarely |
| 4 | Not at all |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

<table>
<thead>
<tr>
<th>Question ID:</th>
<th>AHB.085_00.050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instrument Variable Name:</td>
<td>TOBLASYR</td>
</tr>
<tr>
<td>Final Documentation Name:</td>
<td>TOBLASYR</td>
</tr>
</tbody>
</table>

**Around this time last year, were you using ANY KIND of tobacco product?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN('997','999')) and (SMKEV='1' or OTHCIGEV='1' or SMKLESEV='1')

**Description:** Sample adults 18+ who smoked at least 100 cigarettes in their entire life, ever smoked tobacco products other than cigarettes, or ever used smokeless tobacco products

**Sources:** None

**Recodes:** None

**Keywords:** any kind of tobacco product; smokeless tobacco; other tobacco products; other than cigarettes; smoke/smoking

**Notes:** Added in 2012-2013 to AHB section.

Using any tobacco product, around this time last year

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 24-May-13

<table>
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<th>Question ID: AHB.085_00.060</th>
<th>Instrument Variable Name: TOBQTYR</th>
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</thead>
<tbody>
<tr>
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<td>Final Documentation Name: TOBQTYR</td>
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</tbody>
</table>

During the past 12 months, have you stopped using ALL KINDS of tobacco products for more than one day because you were trying to quit using tobacco?

* “All kinds” means trying to quit using tobacco completely, including smoking cigarettes, smoking products other than cigarettes, and using smokeless tobacco products.

| Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN('997','999')) and (TOBLASYR='1' or SMKNOW in('1','2') or OTHCIGED in('1','2','3') or SMKLESED in('1','2','3')) |
| Description: Sample adults 18+ who were using tobacco products around this time last year or were current users of any tobacco products (cigarettes, non-cigarette tobacco, or smokeless) |

| Sources: None | Recodes: None |
| Keywords: quit/stopped; quit smoking; all/any kind of tobacco product; smokeless tobacco; other tobacco products; other than cigarettes; smoke/smoking; smoking cessation |
| Notes: One of six, new, other tobacco questions added to the 2012 - 2013 AHB questionnaire. TOBQTYR contains a special instructions that forces a pre-filled field by: "If SMKNOW in(1,2) and CIGQTYR=2, store '2' in TOBQTYR and don't ask TOBQTYR." |

Tried quit all tobacco products 1+ days, past 12 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>
How often do you do VIGOROUS leisure-time physical activities for AT LEAST 10 MINUTES that cause HEAVY sweating or LARGE increases in breathing or heart rate?

**Question ID:** AHB.090_01.000  
**Instrument Variable Name:** VIGNO  
**Final Documentation Name:** VIGNO

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** VIGFREQW

**Keywords:** physical activity; exercise; vigorous activity

**Notes:** None

**Freq vigorous activity: # of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</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>
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</table>

**Question ID:** AHB.090_02.000  
**Instrument Variable Name:** VIGTP  
**Final Documentation Name:** VIGTP

How often do you do VIGOROUS leisure-time physical activities for AT LEAST 10 MINUTES that cause HEAVY sweating or LARGE increases in breathing or heart rate?

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** VIGFREQW

**Keywords:** physical activity; exercise; vigorous activity

**Notes:** None

**Freq vigorous activity: Time units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Per day</td>
</tr>
<tr>
<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
</tr>
<tr>
<td>4</td>
<td>Per year</td>
</tr>
<tr>
<td>6</td>
<td>Unable to do this activity</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:** AHB.090_02.000  
**R01 RECODE**  
**Instrument Variable Name:** Final Documentation Name: VIGFREQW

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** VIGNO, VIGTP

**Recodes:** None

**Keywords:** physical activity; exercise; vigorous activity

**Notes:** None

Freq vigorous activity (times per wk)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>00</td>
<td>Less than once per week</td>
</tr>
<tr>
<td>01-28</td>
<td>1-28 times per week</td>
</tr>
<tr>
<td>95</td>
<td>Never</td>
</tr>
<tr>
<td>96</td>
<td>Unable to do vigorous activity</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:** AHB.100_01.000  
**Instrument Variable Name:** VIGLNGNO  
**Final Documentation Name:** VIGLNGNO

**About how long do you do these vigorous leisure-time physical activities each time?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VIGTP = 1, 2, 3, 4

**Description:** Sample adults aged 18+ years who do vigorous activities

**Sources:** None

**Recodes:** VIGMIN

**Keywords:** physical activity; vigorous activity; exercise

**Notes:** None

Duration vigorous activity: # units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>001-995</td>
<td>1-995</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>
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</table>
### Question ID: AHB.100_02.000

**Instrument Variable Name:** VIGLNGTP  
**Final Documentation Name:** VIGLNGTP

**About how long do you do these vigorous leisure-time physical activities each time?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and VIGTP = 1, 2, 3, 4  
**Description:** Sample adults aged 18+ years who do vigorous activities

**Sources:** None  
**Recodes:** VIGMIN  
**Keywords:** physical activity; vigorous activity; exercise  
**Notes:** None

**Duration vigorous activity: Time unit**

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<tr>
<td>1</td>
<td>Minutes</td>
</tr>
<tr>
<td>2</td>
<td>Hours</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>
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</table>

### Question ID: AHB.100_02.000 R01 RECODE

**Instrument Variable Name:** VIGMIN  
**Final Documentation Name:** VIGMIN

**Universe:** ASTATFLG=1, (AGE GE '018' and AGE not IN ('997','999')) and VIGTP = 1-4  
**Description:** Sample adults aged 18+ years who participate in vigorous activities for at least 10 min

**Sources:** VIGLNGNO; VIGLNGTP  
**Recodes:** None  
**Keywords:** physical activity; vigorous activity; exercise  
**Notes:** None

**Duration vigorous activity (in minutes)**

<p>| | |</p>
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<tbody>
<tr>
<td>010-720</td>
<td>10-720 minutes</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>
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</table>
Question ID: AHB.110_01.000

Instrument Variable Name: MODNO

Final Documentation Name: MODNO

How often do you do LIGHT OR MODERATE leisure-time physical activities for AT LEAST 10 MINUTES that cause ONLY LIGHT sweating or a SLIGHT to MODERATE increase in breathing or heart rate?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: MODFREQW

Keywords: physical activity; exercise; light activity; moderate activity

Notes: None

Freq moderate activity: # of units
000 Never
001-995 1-995 time(s)
996 Unable to do this type activity
997 Refused
998 Not ascertained
999 Don't know

Question ID: AHB.110_02.000

Instrument Variable Name: MODTP

Final Documentation Name: MODTP

How often do you do LIGHT OR MODERATE leisure-time physical activities for AT LEAST 10 MINUTES that cause ONLY LIGHT sweating or a SLIGHT to MODERATE increase in breathing or heart rate?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: MODFREQW

Keywords: physical activity; exercise; light activity; moderate activity

Notes: None

Freq moderate activity: Time units
0 Never
1 Per day
2 Per week
3 Per month
4 Per year
6 Unable to do this activity
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHB.110_02.000  Instrument Variable Name: MODFREQW

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: MODNO; MODTP
Recodes: None
Keywords: physical activity; exercise; light activity; moderate activity
Notes: None

Freq light/moderate activity (times per wk)

- 00: Less than once per week
- 01-28: 1-28 times per week
- 95: Never
- 96: Unable to do light or moderate activity
- 97: Refused
- 98: Not ascertained
- 99: Don't know

Question ID: AHB.120_01.000  Instrument Variable Name: MODLNGNO

About how long do you do these light or moderate leisure-time physical activities each time?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and MODTP = 1, 2, 3, 4
Description: Sample adults aged 18+ years who do light or moderate activities

Sources: None
Recodes: MODMIN
Keywords: physical activity; light activity; moderate activity; exercise
Notes: None

Duration moderate activity: # of units

- 001-995: 1-995
- 997: Refused
- 998: Not ascertained
- 999: Don't know
About how long do you do these light or moderate leisure-time physical activities each time?

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and MODTP = 1 - 4

**Description:** Sample adults aged 18+ years who do light or moderate activities

**Sources:** None

**Recodes:** MODMIN

**Keywords:** physical activity; light activity; moderate activity; exercise

**Notes:** None

**Duration moderate activity: Time unit**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>1 Minute</td>
</tr>
<tr>
<td></td>
<td>2 Hours</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:** AHB.120_02.000 R01 RECODE

About how long do you do these light or moderate activities each time?

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and MODTP = 1 - 4

**Description:** Sample adults aged 18+ years who participate in light/moderate activities for at least 10 min

**Sources:** MODLNGNO; MODLNGTP

**Recodes:** None

**Keywords:** physical activity; light activity; moderate activity; exercise

**Notes:** None

**Duration light/moderate activity (in minutes)**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>010-720</td>
<td>10-720 minutes</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>
How often do you do leisure-time physical activities specifically designed to STRENGTHEN your muscles such as lifting weights or doing calisthenics? (Include all such activities even if you have mentioned them before.)

Universe:  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Strength activity freq: # of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</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>

How often do you do leisure-time physical activities specifically designed to STRENGTHEN your muscles such as lifting weights or doing calisthenics? (Include all such activities even if you have mentioned them before.)

Universe:  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Strength activity freq: Time units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Per day</td>
</tr>
<tr>
<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
</tr>
<tr>
<td>4</td>
<td>Per year</td>
</tr>
<tr>
<td>6</td>
<td>Unable to do this activity</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:** AHB.130_02.000  
**Instrument Variable Name:** STRFREQW

**How often do you do physical activities specifically designed to STRENGTHEN your muscles such as lifting weights or doing calisthenics?** (Include all such activities even if you have mentioned them before.)

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** STRNGNO; STRNGTP

**Recodes:** None

**Keywords:** physical activity; exercise; strength; strengthening

**Notes:** Duration was not asked for this activity.

<table>
<thead>
<tr>
<th>Freq strength activity (times per wk)</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
</tr>
<tr>
<td>01-28</td>
</tr>
<tr>
<td>95</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

**Question ID:** AHB.140_00.000  
**Instrument Variable Name:** ALC1YR

**In ANY ONE YEAR, have you had at least 12 drinks of any type of alcoholic beverage?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** ALCSTAT

**Keywords:** alcohol consumption; drinking;

**Notes:** None

<table>
<thead>
<tr>
<th>Ever had 12+ drinks in any one year</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: AHB.150_00.000

Instrument Variable Name: ALCLIFE

Final Documentation Name: ALCLIFE

In your ENTIRE LIFE, have you had at least 12 drinks of any type of alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC1YR = '2', '7', '8', '9')

Description: Sample adults aged 18+ years who have not had 12 drinks in any one year or don't know if they did or refused to answer or NA

Sources: None

Recodes: ALCSTAT

Keywords: alcohol consumption; drinking; lifetime

Notes: None

Had 12+ drinks in ENTIRE LIFE

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

Question ID: AHB.160_01.000

Instrument Variable Name: ALC12MNO

Final Documentation Name: ALC12MNO

In the PAST YEAR, how often did you drink any type of alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (ALC1YR = 1 or ALC1YR = 1)

Description: Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in their entire life

Sources: None

Recodes: ALC12MWK; ALC12MYR; ALCSTAT

Keywords: alcohol consumption; drinking frequency

Notes: Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPNO; ALC5UPTP; ALC5UPYR].

Freq drank alcohol pst yr: # of units

000 Never
001-365 1-365 days
997 Refused
998 Not ascertained
999 Don't know
Question ID: AHB.160_02.000
Instrument Variable Name: ALC12MTP
Final Documentation Name: ALC12MTP

In the PAST YEAR, how often did you drink any type of alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (ALC1YR = 1 or ALCLIFE = 1)

Description: Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in their entire life

Sources: None
Recodes: ALC12MWK; ALC12MYR; ALCSTAT
Keywords: alcohol consumption; drinking frequency
Notes: Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPNO; ALC5UPTP; ALC5UPYR].

Freq drank alcohol pst yr: Time unit
0 Never/None
1 Week
2 Month
3 Year
7 Refused
8 Not ascertained
9 Don't know

Question ID: AHB.160_02.000 R01 RECODE
Instrument Variable Name: ALC12MWK
Final Documentation Name: ALC12MWK

In the PAST YEAR, how often did you drink any type of alcoholic beverage?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and ALC1YR = 1 or ALCLIFE = 1

Description: Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in entire life

Sources: ALC12MNO; ALC12MTP
Recodes: ALCSTAT
Keywords: alcohol consumption; drinking frequency
Notes: Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPNO; ALC5UPTP; ALC5UPYR].

Freq drank alcohol: Days per week
00 Less than one day per week
01-07 1-7 days per week
95 Did not drink in past year
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** AHB.160_02.000  
**Instrument Variable Name:** ALC12MYR  
**Final Documentation Name:** ALC12MYR

**In the PAST YEAR, how often did you drink any type of alcoholic beverage?**

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and ALC1YR = 1 or ALCLIFE = 1  
**Description:** Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in entire life

**Sources:** ALC12MNO; ALC12MTP  
**Recodes:** ALCSTAT  
**Keywords:** alcohol consumption; drinking frequency  
**Notes:** (1) Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPNO; ALC5UPTP; ALC5UPYR]. (2) Values calculated from responses of 31 days per month were truncated to 365 days per year.

<table>
<thead>
<tr>
<th>Freq drank alcohol: Days in past year</th>
</tr>
</thead>
<tbody>
<tr>
<td>000 Never/none</td>
</tr>
<tr>
<td>001-365 1-365 days</td>
</tr>
<tr>
<td>997 Refused</td>
</tr>
<tr>
<td>998 Not ascertained</td>
</tr>
<tr>
<td>999 Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHB.170_00.000  
**Instrument Variable Name:** ALCAMT  
**Final Documentation Name:** ALCAMT

**In the PAST YEAR, on those days that you drank alcoholic beverages, on the average, how many drinks did you have?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3  
**Description:** Sample adults aged 18+ years who drank at least once in the past year

**Sources:** None  
**Recodes:** ALCSTAT  
**Keywords:** alcohol; drinking; amount; quantity  
**Notes:** None

<table>
<thead>
<tr>
<th>Average # drinks on days drank</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94 1-94 drinks</td>
</tr>
<tr>
<td>95    95+ drinks</td>
</tr>
<tr>
<td>97    Refused</td>
</tr>
<tr>
<td>98    Not ascertained</td>
</tr>
<tr>
<td>99    Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.170_00.000 R01 RECODE

Instrument Variable Name:

Final Documentation Name: ALCSTAT

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: ALC1YR; ALC1LIFE; ALC12MYR; ALCAMT; SEX

Recodes: None

Keywords: alcohol; drinking

Notes: Lifetime abstainer: <12 drinks in lifetime; Former infrequent: 12+ drinks in lifetime but never as many as 12 in 1 yr and none in past yr; Former regular: 12+ drinks in lifetime, 12+ drinks in 1 yr, but none in past yr; Former unknown frequency: 12+ drinks in lifetime, none in past year, don’t know if 12+ in any 1 yr; Current infrequent: 12+ drinks in lifetime, and 1-11 drinks in past yr; Current light: 12+ drinks in lifetime, and <=3 drinks per week in past yr; Current moderate: 12+ drinks in lifetime, and (male) >3 drinks per week up to 14 drinks per week OR (female) >3 drinks per week up to 7 drinks per week; Current heavier: 12+ drinks in lifetime, and (male) >14 drinks per week in past year OR (female) >7 drinks per week in past yr. (Average consumption)

Alcohol drinking status: Recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Lifetime abstainer</td>
</tr>
<tr>
<td>02</td>
<td>Former infrequent</td>
</tr>
<tr>
<td>03</td>
<td>Former regular</td>
</tr>
<tr>
<td>04</td>
<td>Former, unknown frequency</td>
</tr>
<tr>
<td>05</td>
<td>Current infrequent</td>
</tr>
<tr>
<td>06</td>
<td>Current light</td>
</tr>
<tr>
<td>07</td>
<td>Current moderate</td>
</tr>
<tr>
<td>08</td>
<td>Current heavier</td>
</tr>
<tr>
<td>09</td>
<td>Current drinker, frequency/level unknown</td>
</tr>
<tr>
<td>10</td>
<td>Drinking status unknown</td>
</tr>
</tbody>
</table>
Question ID: AHB.180_01.000
Instrument Variable Name: ALC5UPNO
Final Documentation Name: ALC5UPNO

In the PAST YEAR, on how many DAYS did you have 5 or more drinks of any alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3
Description: Sample adults aged 18+ years who drank at least once in the past year

Sources: None
Recodes: ALC5UPYR
Keywords: alcohol consumption; heavy drinking; frequency
Notes: Not edited for consistency with average number of days or average amount drank in past year [that is, ALC12MNO; ALC12MTP; ALC12MWK; ALC12MYR].

Days 5+ drinks, past yr: # days
000 Never/None
001-365 1-365 days
997 Refused
998 Not ascertained
999 Don't know

Question ID: AHB.180_02.000
Instrument Variable Name: ALC5UPTP
Final Documentation Name: ALC5UPTP

In the PAST YEAR, on how many DAYS did you have 5 or more drinks of any alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3
Description: Sample adults aged 18+ years who drank at least once in the past year

Sources: None
Recodes: ALC5UPYR
Keywords: alcohol consumption; heavy drinking; frequency
Notes: Not edited for consistency with average number of days or average amount drank in past year [that is, ALC12MNO; ALC12MTP; ALC12MWK; ALC12MYR].

Days 5+ drinks, past yr: Time unit
0 Never/None
1 Per week
2 Per month
3 Per year
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHB.180_02.000 R01 RECODE
Instrument Variable Name: Final Documentation Name: ALC5UPYR

In the PAST YEAR, on how many DAYS did you have 5 or more drinks of any alcoholic beverage?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3
Description: Sample adults aged 18+ years who drank at least once in past year

Sources: ALC5UPNO; ALC5UPTP
Recodes: None
Keywords: alcohol consumption; heavy drinking; frequency
Notes: Not edited for consistency with average number of days or average amount drank in past year [that is, ALC12MNO; ALC12MTP; ALC12MWK; ALC12MYR].

<table>
<thead>
<tr>
<th>Number of days had 5+ drinks past year</th>
<th>000</th>
<th>001-365</th>
<th>997</th>
<th>998</th>
<th>999</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Never/None</td>
<td>1-365 days</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHB.190_04.000 R03 RECODE
Instrument Variable Name: Final Documentation Name: AHEIGHT

How tall are you without shoes?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: BMI
Keywords: height
Notes: Since 1997, men's heights were top-coded to 76 inches and women's to 70 inches. Not available (96) refers to persons who had extreme values in either height or weight or both. See Survey Description Document for details.

<table>
<thead>
<tr>
<th>Total height in inches</th>
<th>59-76</th>
<th>96</th>
<th>97</th>
<th>98</th>
<th>99</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>59-76 inches</td>
<td>Not available</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AHB.200_02.000 R03 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** AWEIGHTP

#### How much do you weigh without shoes?

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:**

- BMI

**Keywords:** body weight

**Notes:** Not available (996) refers to persons who had (sex-specific) extreme values for either height or weight or both, that cannot be released for reasons of confidentiality. AWEIGHTP includes values of 126-299 lbs for men and 100-274 lbs for women. Pregnant women, aged 18-49 years, were not excluded from this question and they may be identified using the variable PREGNOW (ACN. 370). See Survey Description Document for details.

<table>
<thead>
<tr>
<th>Weight without shoes (pounds)</th>
<th>100-299</th>
<th>100-299 pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>996</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>

### Question ID: AHB.200_02.000 R04 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** BMI

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** AHEIGHTN; WT_LB

**Recodes:** None

**Keywords:** body mass index; BMI; overweight; obesity; underweight

**Notes:**

1. BMI was calculated using the in-house version of the height and weight variables, which contain the 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. For both men and women, underweight is BMI < 18.5; healthy weight is BMI 18.5 to <25; overweight is BMI ≥ 25 to <30; obese is BMI > 30.

<table>
<thead>
<tr>
<th>Body Mass Index (BMI)</th>
<th>0001-9994</th>
<th>00.01-99.94</th>
</tr>
</thead>
<tbody>
<tr>
<td>9995</td>
<td>99.95+</td>
<td></td>
</tr>
<tr>
<td>9999</td>
<td>Unknown</td>
<td></td>
</tr>
</tbody>
</table>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AHB.210_00.000
Instrument Variable Name: SLEEP
Final Documentation Name: SLEEP

On average, how many hours of sleep do you get in a 24-hour period?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

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

Hours of sleep
01-24 1-24 hours
97   Refused
98   Not ascertained
99   Don't know

Question ID: AAU.020_00.000
Instrument Variable Name: AUSUALPL
Final Documentation Name: AUSUALPL

Is there a place that you USUALLY go to when you are sick or need advice about your health?

Universe: ASTATFLG = '1' and (AGE GE '018' and ACE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; 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
<table>
<thead>
<tr>
<th>Place to go when sick (most often)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Clinic or health center</td>
</tr>
<tr>
<td>2 Doctor's office or HMO</td>
</tr>
<tr>
<td>3 Hospital emergency room</td>
</tr>
<tr>
<td>4 Hospital outpatient department</td>
</tr>
<tr>
<td>5 Some other place</td>
</tr>
<tr>
<td>6 Doesn't go to one place most often</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: AAU.035_00.000

Instrument Variable Name: AHCPLROU

Final Documentation Name: AHCPLROU

**Is that {APLKIND} the same place you **USUALLY** go when you need routine or preventive care, such as a physical examination or check up?**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and APLKIND IN ('1','2','3','4','5')

**Description:**
Sample adults aged 18+ 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:**
access; source; health care provider

**Notes:**
2011 Supplement question. In 2012, fielded in Q1 only and contains data only for Q1. Variable is blank in Q's 2-4. Beginning in Q2 of 2012, the universe was modified and the variable name was changed to AERREA1R to reflect this modification. See the AAU Appendix for more information.

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></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>
What kind of place do you **USUALLY** go to when you need routine or preventive care, such as a physical examination or check-up?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AUSUALPL NOT IN ('1','3') or APLKIND IN ('6','7','8','9') or AHCPLROU NE '1')

**Description:**
Sample adults aged 18+ 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 care.

**Sources:** None

**Recodes:** None

**Keywords:** access; source; preventive care; health care provider

**Notes:** None

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Place Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Doesn't get preventive care anywhere</td>
</tr>
<tr>
<td>1</td>
<td>Clinic or health center</td>
</tr>
<tr>
<td>2</td>
<td>Doctor's office or HMO</td>
</tr>
<tr>
<td>3</td>
<td>Hospital emergency room</td>
</tr>
<tr>
<td>4</td>
<td>Hospital outpatient department</td>
</tr>
<tr>
<td>5</td>
<td>Some other place</td>
</tr>
<tr>
<td>6</td>
<td>Doesn't go to one place most often</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>
**2012 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 24-May-13

---

**Question ID:** AAU.040_00.000  
**Instrument Variable Name:** AHCHCHGYR  
**Final Documentation Name:** AHCHCHGYR

**At any time in the PAST 12 MONTHS did you CHANGE the place(s) to which you USUALLY go for health care?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AUSUALPL IN ('1','3') or AHCPLROU = '1')

**Description:** Sample adults aged 18+ years with 1+ usual place(s) to go when sick/need health advice or who reported same place as usual source of routine/preventive care

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

Change health care place, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></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:** AAU.050_00.000  
**Instrument Variable Name:** AHCHCHGHI  
**Final Documentation Name:** AHCHCHGHI

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

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCHCHGYR = '1'

**Description:** Sample adults aged 18+ 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; source; health care provider; health insurance  
**Notes:** None

Change related to health insurance

<p>| | |</p>
<table>
<thead>
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<td>8</td>
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Why don't you have a usual source of medical care?  ...Doesn't need a doctor/Haven't had any problems

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'

Description:  Sample adults aged 18+ years without a usual place of care

Sources:  None
Recodes:  None
Keywords:  access; source; health care provider
Notes:  2011 Supplement question

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

Why don't you have a usual source of medical care?  ...Doesn't like/trust/believe in doctors

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'

Description:  Sample adults aged 18+ years without a usual place of care

Sources:  None
Recodes:  None
Keywords:  access; source; health care provider
Notes:  2011 Supplement question

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** AAU.050_03.010  
**Instrument Variable Name:** ANOUSLPL1-ANOUSLPL9  
**Final Documentation Name:** ANOUSPL3

**Why don't you have a usual source of medical care?  ...Doesn't know where to go**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'

**Description:** Sample adults aged 18+ years without a usual place of care

| Sources: None |
| Recodes: None |
| Keywords: access; source; health care provider |
| Notes: 2011 Supplement question |

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**Question ID:** AAU.050_04.010  
**Instrument Variable Name:** ANOUSLPL1-ANOUSLPL9  
**Final Documentation Name:** ANOUSPL4

**Why don't you have a usual source of medical care?  ...Previous doctor is not available/moved**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'

**Description:** Sample adults aged 18+ years without a usual place of care

| Sources: None |
| Recodes: None |
| Keywords: access; source; health care provider |
| Notes: 2011 Supplement question |

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### Why don't you have a usual source of medical care? …Too expensive/no insurance/cost

**Universe:**  \[
\text{ASTATFLG} = '1' \text{ and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'}
\]

**Description:** Sample adults aged 18+ years without a usual place of care

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider; health insurance

**Notes:** 2011 Supplement question

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### Why don't you have a usual source of medical care? …Speak a different language

**Universe:**  \[
\text{ASTATFLG} = '1' \text{ and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'}
\]

**Description:** Sample adults aged 18+ years without a usual place of care

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider; language

**Notes:** 2011 Supplement question

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Why don't you have a usual source of medical care? …No care available/Care too far away, not convenient

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'

Description: Sample adults aged 18+ years without a usual place of care

Sources: None
Recodes: None
Keywords: access; source; health care provider; inconvenient; distance
Notes: 2011 Supplement question

No care available/too far away/not convenient

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

Why don't you have a usual source of medical care? …Put it off/Didn't get around to it

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'

Description: Sample adults aged 18+ years without a usual place of care

Sources: None
Recodes: None
Keywords: access; source; health care provider
Notes: 2011 Supplement question

Put it off/didn't get around to it

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don’t know
Why don't you have a usual source of medical care?  …Other

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'

Description:  Sample adults aged 18+ years without a usual place of care

Sources:  None

Recodes:  None

Keywords:  access; source; health care provider

Notes:  2011 Supplement question

Other reason no usual place of care

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

DURING THE PAST 12 MONTHS, did you have any trouble finding a general doctor or provider who would see you?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description:  Sample adults aged 18+ years

Sources:  None

Recodes:  None

Keywords:  access; source; health care provider

Notes:  2011 Supplement question

Trouble finding a doctor/provider, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

samadult : Adult Access to Health Care & Utilization

PUBLIC USE

Document Version Date: 24-May-13

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**Were you able to find a general doctor or provider who could see you?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and APRVTRYR='1'

Description: Sample adults aged 18+ years who had trouble finding a provider

Sources: None

Recodes: None

Keywords: access; source; health care provider

Notes: 2011 Supplement question

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**DURING THE PAST 12 MONTHS, were you told by a doctor's office or clinic that they would not accept you as a new patient?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; health care provider

Notes: 2011 Supplement question

<table>
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<th>Doctor's office not accept you as new patient, past 12 m</th>
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Question ID: AAU.059_00.010  
Instrument Variable Name: ADRNAI  
Final Documentation Name: ADRNAI

**DURING THE PAST 12 MONTHS, were you told by a doctor's office or clinic that they did not accept your health care coverage?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider; health insurance

**Notes:** 2011 Supplement question

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

---

Question ID: AAU.061_01.000  
Instrument Variable Name: AHCDLY_1  
Final Documentation Name: AHCDLYR1

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; delayed care; access problems

**Notes:** None

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

---
Question ID: AAU.061_02.000
Instrument Variable Name: AHCDLY_2
Final Documentation Name: AHCDLYR2

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; access problems; scheduling
Notes: None

Couldn't get appointment soon enough, past 12 m

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

Question ID: AAU.061_03.000
Instrument Variable Name: AHCDLY_3
Final Documentation Name: AHCDLYR3

There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... Once you get there, you have to wait too long to see the doctor

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; access problems; waiting time
Notes: None

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 any of the following reasons in the PAST 12 MONTHS? ..... The clinic/doctor's office wasn't open when you could get there

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; access problems; scheduling
Notes: None

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 any of the following reasons in the PAST 12 MONTHS? ..... You didn't have transportation

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; transportation problems
Notes: None

No transportation, past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**2012 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 24-May-13

<table>
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**DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Prescription medicines**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

| Sources: None |
| Recodes: None |
| Keywords: access; source; medical expense; cost of medication; drugs |
| Notes: None |

Couldn't afford prescription medicine, past 12 m

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

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**DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Mental health care or counseling**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

| Sources: None |
| Recodes: None |
| Keywords: access; source; medical expense; therapy; counseling |
| Notes: None |

Couldn't afford mental health care/counseling, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
**2012 NATIONAL HEALTH INTERVIEW SURVEY**
**Sample Adult**
**samadult : Adult Access to Health Care & Utilization**
**PUBLIC USE**
**Document Version Date: 24-May-13**

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; dental expense; cost of dental care; oral health; unmet dental needs

**Notes:** None

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<td>2       No</td>
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<td>7       Refused</td>
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<tr>
<td>8       Not ascertained</td>
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<td>9       Don't know</td>
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**DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Eyeglasses**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; eyeglass expense; cost of eye care; eye care; vision

**Notes:** None

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<td>2       No</td>
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<tr>
<td>7       Refused</td>
</tr>
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<td>8       Not ascertained</td>
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DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it?  
...To see a specialist.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

| Sources: None |
| Recodes: None |
| Keywords: access; source; health care specialist; cost |
| Notes: 2011 Supplement question |

Couldn't afford to see a specialist, past 12 m

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DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it?  
...Follow-up care.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

| Sources: None |
| Recodes: None |
| Keywords: access; source; cost; follow-up visit |
| Notes: 2011 Supplement question |

Couldn't afford follow-up care, past 12 m

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Question ID: AAU.113_00.010

Instrument Variable Name: AWORPAY

Final Documentation Name: AWORPAY

If you get sick or have an accident, how worried are you that you will be able to pay your medical bills? Are you very worried, somewhat worried, or not at all worried?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; cost worry

Notes: 2011 Supplement question

Get sick or have accident, worried about paying medical bills

1 Very worried
2 Somewhat worried
3 Not at all worried
7 Refused
8 Not ascertained
9 Don't know

Question ID: AAU.113_00.020

Instrument Variable Name: AHICOMP

Final Documentation Name: AHICOMP

In regard to your health insurance or health care coverage, how does it compare to a year ago? Is it better, worse, or about the same?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; health insurance; health coverage

Notes: 2011 Supplement question

Health insurance coverage compared to a year ago

1 Better
2 Worse
3 About the same
7 Refused
8 Not ascertained
9 Don't know
The following questions concern the use of prescription medication \textit{DURING THE PAST 12 MONTHS}, are any of the following true for you?

\textbf{...You skipped medication doses to save money}

\textbf{Universe:} \texttt{ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))}

\textbf{Description:} Sample adults aged 18+ years

\textbf{Sources:} None

\textbf{Recodes:} None

\textbf{Keywords:} access; source; prescription drugs; cost

\textbf{Notes:} 2011 Supplement question

\begin{tabular}{ll}
1 & Yes \\
2 & No \\
7 & Refused \\
8 & Not ascertained \\
9 & Don't know \\
\end{tabular}

\textbf{Question ID:} AAU.127_01.010

\textbf{Instrument Variable Name:} ARXPR_1

\textbf{Final Documentation Name:} ARXPR_1

The following questions concern the use of prescription medication \textit{DURING THE PAST 12 MONTHS}, are any of the following true for you?

\textbf{...you took less medicine to save money}

\textbf{Universe:} \texttt{ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))}

\textbf{Description:} Sample adults aged 18+ years

\textbf{Sources:} None

\textbf{Recodes:} None

\textbf{Keywords:} access; source; prescription drugs; cost

\textbf{Notes:} 2011 Supplement question

\begin{tabular}{ll}
1 & Yes \\
2 & No \\
7 & Refused \\
8 & Not ascertained \\
9 & Don't know \\
\end{tabular}
The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

...You delayed filling a prescription to save money

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question

Delayed filling a prescription to save money, past 12 m

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

The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

...You asked your doctor for a lower cost medication to save money.

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; generic drugs; cost
Notes: 2011 Supplement question

Asked doctor for lower cost medication to save money, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

...You bought prescription drugs from another country to save money.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question

Bought prescription drugs from another country to save money, past 12 m

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

The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

...You used alternative therapies to save money.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; cost; alternative medicine
Notes: 2011 Supplement question

Used alternative therapies to save money, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
About how long has it been since you 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: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Time since last saw a dentist

0 Never
1 6 months or less
2 More than 6 mos, but not more than 1 yr ago
3 More than 1 yr, but not more than 2 yrs ago
4 More than 2 yrs, but not more than 5 yrs ago
5 More than 5 years ago
7 Refused
8 Not ascertained
9 Don't know

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A mental health professional such as a psychiatrist, psychologist, psychiatric nurse, or clinical social worker

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Seen/talked to mental health professional, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** AAU.141_02.000  
**Instrument Variable Name:** AHCSY1_2  
**Final Documentation Name:** AHCSYR2

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... An optometrist, ophthalmologist, or eye doctor (someone who prescribes eyeglasses)**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
**Description:** Sample adults aged 18+ years  

| Sources: | None  
| Recodes: | None  
| Keywords: | access; source; dr. visit/contact; medical advice; vision care  
| 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:** AAU.141_03.000  
**Instrument Variable Name:** AHCSY1_3  
**Final Documentation Name:** AHCSYR3

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A foot doctor**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
**Description:** Sample adults aged 18+ years  

| Sources: | None  
| Recodes: | None  
| Keywords: | access; source; dr. visit/contact; medical advice; 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, have you seen or talked to any of the following health care providers about your own health?  

**A chiropractor**

- Universe: \( \text{ASTATFLG} = '1' \) and (\( \text{AGE GE '018'} \) and \( \text{AGE not IN ('997','999')} \))

- Description: Sample adults aged 18+ years

- Sources: None

- Recodes: None

- Keywords: access; source; dr. visit/contact; medical advice; chiropractor

- Notes: None

**Seen/talked to a chiropractor, past 12 m**

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<td>7</td>
<td>Refused</td>
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<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, have you seen or talked to any of the following health care providers about your own health?  

**A physical therapist, speech therapist, respiratory therapist, audiologist, or occupational therapist**

- Universe: \( \text{ASTATFLG} = '1' \) and (\( \text{AGE GE '018'} \) and \( \text{AGE not IN ('997','999')} \))

- Description: Sample adults aged 18+ years

- Sources: None

- Recodes: None

- Keywords: access; source; dr. visit/contact; medical advice; therapy

- Notes: None

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

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**Question ID:** AAU.141_06.000  
**Instrument Variable Name:** AHCSY1_6  
**Final Documentation Name:** AHCSYR6

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A nurse practitioner, physician assistant, or midwife**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; dr. visit/contact; midwife; nurse; physician assistant  
**Notes:** None

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

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

---

**Question ID:** AAU.200_00.000  
**Instrument Variable Name:** AHCSYR7  
**Final Documentation Name:** AHCSYR7

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A doctor who specializes in women's health (an obstetrician/gynecologist)?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX = '2'

**Description:** Female Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; dr. visit/contact; gynecologist; obstetrician  
**Notes:** None

Seen/talked to OB/GYN, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: AAU.211_01.000  
Instrument Variable Name: AHCSY8_8  
Final Documentation Name: AHCSYR8

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A medical doctor who specializes in a particular medical disease or problem (other than obstetrician/gynecologist, psychiatrist or ophthalmologist)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; medical advice; specialist
Notes: None

Seen/talked to a medical specialist, past 12 m

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Question ID: AAU.211_02.000  
Instrument Variable Name: AHCSY8_9  
Final Documentation Name: AHCSYR9

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A general doctor who treats a variety of illnesses (a doctor in general practice, family medicine, or internal medicine)

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; general practitioner; internist; family doctor
Notes: None

Seen/talked to a general doctor, past 12 m

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<td>8</td>
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<td>9</td>
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</table>
**Question ID:** AAU.230_00.000  
**Instrument Variable Name:** AHCSYR10  
**Final Documentation Name:** AHCSYR10

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCSYR9 = '1'

**Description:** Sample adults aged 18+ years who have seen or talked to a general doctor during the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** access; source; dr. visit/contact; general practitioner; internist; family doctor

**Notes:** None

Doctor treats both kids and adults

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

---

**Question ID:** AAU.240_00.000  
**Instrument Variable Name:** AHERNOYR  
**Final Documentation Name:** AHERNOY2

**Question:** DURING THE PAST 12 MONTHS, HOW MANY TIMES have you gone to a HOSPITAL EMERGENCY ROOM about your own health? (This includes emergency room visits that resulted in a hospital admission.)

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care

**Notes:** None

# 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
Thinking about your most recent emergency room visit, did you go to the emergency room either at night or on the weekend?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <=AHERNOY2 <='08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 2011 Supplement question

ER visit at night or on weekend

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

Did this emergency room visit result in a hospital admission?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <=AHERNOY2 <='08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 2011 Supplement question

ER visit resulted in hospital admission

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Question ID: AAU.248_01.010

**Instrument Variable Name:** AERREAS1  
**Final Documentation Name:** AERREAS1

**Tell me which of these apply to your last emergency room visit?**

#### … You didn't have another place to go

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AERHOS='2'

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year that did not result in a hospital admission

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; emergency room visit (ER); emergency department visit (ED); critical care |
| Notes: | 2011 Supplement question. In 2012, fielded in Q1 only and contains data only for Q1. Variable is blank in Q's 2-4. Beginning in Q2 of 2012, the universe was modified and the variable name was changed to AERREA1R to reflect this modification. See the AAU Appendix for more information. |

**ER visit because didn't have another place to go**

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

### Question ID: AAU.248_02.020

**Instrument Variable Name:** AERREAS2  
**Final Documentation Name:** AERREAS2

**Tell me which of these apply to your last emergency room visit?**

#### … Your doctor's office or clinic was not open

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AERHOS='2'

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year that did not result in a hospital admission

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; emergency room visit (ER); emergency department visit (ED); critical care |
| Notes: | 2011 Supplement question. In 2012, fielded in Q1 only and contains data only for Q1. Variable is blank in Q's 2-4. Beginning in Q2 of 2012, the universe was modified and the variable name was changed to AERREA2R to reflect this modification. See the AAU Appendix for more information. |

**ER visit because doctors office or clinic was not open**

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
Tell me which of these apply to your last emergency room visit?

… Your health provider advised you to go

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Tell me which of these apply to your last emergency room visit?

… The problem was too serious for the doctor's office or clinic

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<tr>
<td>9</td>
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</table>
Tell me which of these apply to your last emergency room visit?

… Only a hospital could help you

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AERHOS='2'

Description: Sample adults aged 18+ years who had at least one ER visit in the past year that did not result in a hospital admission

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 2011 Supplement question. In 2012, fielded in Q1 only and contains data only for Q1. Variable is blank in Q's 2-4. Beginning in Q2 of 2012, the universe was modified and the variable name was changed to AERREA5R to reflect this modification. See the AAU Appendix for more information.

ER visit because only hospital could help

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

Tell me which of these apply to your last emergency room visit?

… the emergency room is your closest provider

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AERHOS='2'

Description: Sample adults aged 18+ years who had at least one ER visit in the past year that did not result in a hospital admission

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 2011 Supplement question. In 2012, fielded in Q1 only and contains data only for Q1. Variable is blank in Q's 2-4. Beginning in Q2 of 2012, the universe was modified and the variable name was changed to AERREA6R to reflect this modification. See the AAU Appendix for more information.

ER visit because it is closest provider

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Question ID: AAU.248_07.070  
**Instrument Variable Name:** AERREAS7  
**Final Documentation Name:** AERREAS7

**Tell me which of these apply to your last emergency room visit?**

**...you get most of your care at the emergency room**

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<td>Keywords</td>
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<td>2011 Supplement question. In 2012, fielded in Q1 only and contains data only for Q1. Variable is blank in Q's 2-4. Beginning in Q2 of 2012, the universe was modified and the variable name was changed to AERREA7R to reflect this modification. See the AAU Appendix for more information.</td>
</tr>
</tbody>
</table>

**ER visit because it is usual place to get care**

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

### Question ID: AAU.248_08.080  
**Instrument Variable Name:** AERREAS8  
**Final Documentation Name:** AERREAS8

**Tell me which of these apply to your last emergency room visit?**

**...you arrived by ambulance or other emergency vehicle**

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<tr>
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<tbody>
<tr>
<td>Description</td>
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</table>

**Arrived at ER by ambulance/other emergency vehicle**

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don’t know |
Question ID: AAU.248_01.010

Instrument Variable Name: AERREAS1

Final Documentation Name: AERREA1R

Tell me which of these apply to your last emergency room visit?

... You didn't have another place to go

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: Question was first asked in 2011. At the beginning of Q2 of 2012 the universe in AERREAS1 was modified to also include ER visits that resulted in a hospital admission and the variable name was changed to AERREA1R to reflect this modification. The question was fielded in Q's 2-4 and contains data only for Q's 2-4 and will be blank in Q1. See the AAU Appendix for more information.

ER visit because didn't have another place to go

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

Question ID: AAU.248_02.020

Instrument Variable Name: AERREAS2

Final Documentation Name: AERREA2R

Tell me which of these apply to your last emergency room visit?

... Your doctor's office or clinic was not open

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: Question was first asked in 2011. At the beginning of Q2 of 2012 the universe in AERREAS2 was modified to also include ER visits that resulted in a hospital admission and the variable name was changed to AERREA2R to reflect this modification. The question was fielded in Q's 2-4 and contains data only for Q's 2-4 and will be blank in Q1. See the AAU Appendix for more information.

ER visit because doctors office or clinic was not open

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Tell me which of these apply to your last emergency room visit?

Your health provider advised you to go...

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Tell me which of these apply to your last emergency room visit?

... The problem was too serious for the doctor's office or clinic...

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**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Access to Health Care & Utilization**

**PUBLIC USE**

**Document Version Date: 24-May-13**

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**Tell me which of these apply to your last emergency room visit?**

**… Only a hospital could help you**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None

**Recodes:** None

**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care

**Notes:** Question was first asked in 2011. At the beginning of Q2 of 2012 the universe in AERREAS5 was modified to also include ER visits that resulted in a hospital admission and the variable name was changed to AERREA5R to reflect this modification. The question was fielded in Q's 2-4 and contains data only for Q's 2-4 and will be blank in Q1. See the AAU Appendix for more information.

**ER visit because only hospital could help**

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

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**Tell me which of these apply to your last emergency room visit?**

**… the emergency room is your closest provider**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None

**Recodes:** None

**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care

**Notes:** Question was first asked in 2011. At the beginning of Q2 of 2012 the universe in AERREAS6 was modified to also include ER visits that resulted in a hospital admission and the variable name was changed to AERREA6R to reflect this modification. The question was fielded in Q's 2-4 and contains data only for Q's 2-4 and will be blank in Q1. See the AAU Appendix for more information.

**ER visit because it is closest provider**

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
### Question ID: AAU.248_07.070

**Tell me which of these apply to your last emergency room visit?**

**...you get most of your care at the emergency room**

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (01 <= AHERNOY2 <= '08') |
| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; emergency room visit (ER); emergency department visit (ED); critical care |
| Notes: | Question was first asked in 2011. At the beginning of Q2 of 2012 the universe in AERREAS7 was modified to also include ER visits that resulted in a hospital admission and the variable name was changed to AERREA7R to reflect this modification. The question was fielded in Q's 2-4 and contains data only for Q's 2-4 and will be blank in Q1. See the AAU Appendix for more information. |

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<thead>
<tr>
<th>ER visit because it is usual place to get care</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: AAU.248_08.080

**Tell me which of these apply to your last emergency room visit?**

**...you arrived by ambulance or other emergency vehicle**

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (01 <= AHERNOY2 <= '08') |
| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; emergency room visit (ER); emergency department visit (ED); critical care; emergency vehicle; EMS |
| Notes: | Question was first asked in 2011. At the beginning of Q2 of 2012 the universe in AERREAS8 was modified to also include ER visits that resulted in a hospital admission and the variable name was changed to AERREA8R to reflect this modification. The question was fielded in Q's 2-4 and contains data only for Q's 2-4 and will be blank in Q1. See the AAU Appendix for more information. |

<table>
<thead>
<tr>
<th>Arrived at ER by ambulance/other emergency vehicle</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>
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 24-May-13

**Question ID:** AAU.250_00.000

**Instrument Variable Name:** AHCHYR

**Final Documentation Name:** AHCHYR

**DURING THE PAST 12 MONTHS, did you receive care AT HOME from a nurse or other health care professional?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; home health visit; treatment; visiting nurse

**Notes:** None

Received home care from health professional, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></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:** AAU.260_00.000

**Instrument Variable Name:** AHCHMOYR

**Final Documentation Name:** AHCHMOYR

**During how many of the PAST 12 MONTHS did you receive care AT HOME from a health care professional?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCHYR = '1'

**Description:** Sample adults aged 18+ years who received home care from health professional during past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** access; source; home health visit; treatment; visiting nurse

**Notes:** None

# months of home care, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-12</td>
<td>01-12 months</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:** AAU.270_00.000  
**Instrument Variable Name:** AHCHNOYR  
**Final Documentation Name:** AHCHNOY2

**What was the total number of home visits received during {that month/those months}?**

**Universe:**  
\( \text{ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and AHCHYR = '1'} \)

**Description:**  
Sample adults aged 18+ years who received home care from health professional during past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; home health visit; treatment; visiting nurse  
**Notes:** None

<table>
<thead>
<tr>
<th>Total number of home visits</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>1</td>
</tr>
<tr>
<td>02</td>
<td>2-3</td>
</tr>
<tr>
<td>03</td>
<td>4-5</td>
</tr>
<tr>
<td>04</td>
<td>6-7</td>
</tr>
<tr>
<td>05</td>
<td>8-9</td>
</tr>
<tr>
<td>06</td>
<td>10-12</td>
</tr>
<tr>
<td>07</td>
<td>13-15</td>
</tr>
<tr>
<td>08</td>
<td>16 or more</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>
DURING THE PAST 12 MONTHS, HOW MANY TIMES have you seen a doctor or other health care professional about your own health at a DOCTOR'S OFFICE, A CLINIC, OR SOME OTHER PLACE? Do not include times you were hospitalized overnight, visits to hospital emergency rooms, home visits, dental visits, or telephone calls.

Universe:  $\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999'))$

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; doctor visit; office visit

Notes: None

Total number of office visits, past 12 m

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>None</td>
</tr>
<tr>
<td>01</td>
<td>1</td>
</tr>
<tr>
<td>02</td>
<td>2-3</td>
</tr>
<tr>
<td>03</td>
<td>4-5</td>
</tr>
<tr>
<td>04</td>
<td>6-7</td>
</tr>
<tr>
<td>05</td>
<td>8-9</td>
</tr>
<tr>
<td>06</td>
<td>10-12</td>
</tr>
<tr>
<td>07</td>
<td>13-15</td>
</tr>
<tr>
<td>08</td>
<td>16 or more</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>
DURING THE PAST 12 MONTHS, have you had SURGERY or other surgical procedures either as an inpatient or outpatient?

<table>
<thead>
<tr>
<th>Question ID: AAU.290_00.000</th>
<th>Instrument Variable Name: ASRGYR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Final Documentation Name: ASRGYR</td>
</tr>
</tbody>
</table>

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; surgery; surgical care; operation

**Notes:** The data in this field may represent an undercount because the respondents may not have included all types of minor surgical procedures such as setting bones or removal of growths in their response.

<table>
<thead>
<tr>
<th>Surgery/surgical procedure, past 12 m</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>

Including any times you may have already told me about, HOW MANY DIFFERENT TIMES have you had surgery during the PAST 12 MONTHS?

<table>
<thead>
<tr>
<th>Question ID: AAU.300_00.000</th>
<th>Instrument Variable Name: ASRGNOYR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Final Documentation Name: ASRGNOYR</td>
</tr>
</tbody>
</table>

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ASRGYR = '1'

**Description:** Sample adults aged 18+ years who had surgery or surgical procedures during past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** access; source; surgery; surgical care; operation; outpatient; inpatient

**Notes:** The data in this field may represent an undercount because the respondents may not have included all types of minor surgical procedures such as setting bones or removal of growths in their response.

<table>
<thead>
<tr>
<th># of surgeries, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
</tr>
<tr>
<td>95</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>
About how long has it been since you last saw or talked to a doctor or other health care professional about your own health? Include doctors seen while a patient in a hospital.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; dr. visit/contact; medical advice; health care provider

Notes: None

Time since last seen/talked to health professional

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>6 months or less</td>
</tr>
<tr>
<td>2</td>
<td>More than 6 mos, but not more than 1 yr ago</td>
</tr>
<tr>
<td>3</td>
<td>More than 1 yr, but not more than 2 yrs ago</td>
</tr>
<tr>
<td>4</td>
<td>More than 2 yrs, but not more than 5 yrs ago</td>
</tr>
<tr>
<td>5</td>
<td>More than 5 years ago</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>
Thinking about your last visit for any type of medical care, where did you go?

Place of last medical visit

<table>
<thead>
<tr>
<th>Number</th>
<th>Place</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Clinic or health center</td>
</tr>
<tr>
<td>2</td>
<td>Doctor's office or HMO</td>
</tr>
<tr>
<td>3</td>
<td>Hospital emergency room</td>
</tr>
<tr>
<td>4</td>
<td>Hospital outpatient department</td>
</tr>
<tr>
<td>5</td>
<td>Urgent care center</td>
</tr>
<tr>
<td>6</td>
<td>Some other place</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>

Did you see a general doctor, specialist, nurse practitioner/physician assistant or someone else? ....general doctor

General doctor seen on last visit

<table>
<thead>
<tr>
<th>Number</th>
<th>Mentioned</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</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>
Did you see a general doctor, specialist, nurse practitioner/physician assistant or someone else?

#### specialist

**Universe:**
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','4','6')

**Description:**
Sample adults aged 18+ years who visited a clinic, doctor’s office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider; specialist

**Notes:**
Beginning in 2012, the question wording for the variable ALASTTYP was modified and a new response category was added (nurse practitioner/physician assistant). In addition, the question was exploded into four variables (ALASTYP1 through ALASTYP4). The variable ALASTTYP is no longer included on the in-house or public use files.

**Specialist seen on last visit**

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

---

Did you see a general doctor, specialist, nurse practitioner/physician assistant or someone else?

#### nurse practitioner/physician assistant

**Universe:**
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','4','6')

**Description:**
Sample adults aged 18+ years who visited a clinic, doctor’s office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider; nurse practitioner, NP; physician assistant; PA

**Notes:**
Beginning in 2012, the question wording for the variable ALASTTYP was modified and a new response category was added (nurse practitioner/physician assistant). In addition, the question was exploded into four variables (ALASTYP1 through ALASTYP4). The variable ALASTTYP is no longer included on the in-house or public use files.

**Nurse practitioner/physician assistant seen on last visit**

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Did you see a general doctor, specialist, nurse practitioner/physician assistant or someone else? .... someone else

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','4','6')

Description: Sample adults aged 18+ years who visited a clinic, doctor's office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit

Other health provider seen on last visit

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

What kind of health professional did you see at your last visit?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALASTYP4 = '1'

Description: Sample adults aged 18+ years who visited a clinic, doctor's office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit and who saw some other kind of provider.

Other Health professional seen (verbatim)

Verbatim Verbatim response
For this visit, how long did you have to wait between the time you made the appointment and the day you actually saw the doctor or other health professional?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','4','6')

Description: Sample adults aged 18+ years who visited a clinic, doctor’s office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit

Sources: None

Recodes: None

Keywords: access; source; health care provider; waiting time

Notes: 2011 Supplement question. In 2012, a new instruction was included that enters a '96' for routine appointments, appointments made during previous visits, or receipt of an appointment reminder card. The variable name changed from AVISAPTN to AVISAPN2 to reflect this modification.

Appointment wait time-number

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Same day/walk-in appt/no appt made</td>
</tr>
<tr>
<td>01-95</td>
<td>1-95</td>
</tr>
<tr>
<td>96</td>
<td>Routine appt/appt arranged on previous visit/rev'd appt reminder card</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:** AAU.307_02.020  
**Instrument Variable Name:** AVISAPTT  
**Final Documentation Name:** AVISAPT2  

*Enter time period for appointment wait time.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997', '999')) and ('01'<=AVISAPN2<='95', '98', '99')

**Description:** Sample adults aged 18+ years who visited a clinic, doctor's office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit and gave a number or NA/DK for length of time to make an appointment. [Excludes routine appts., appts. made during previous visits, and appts. for which a reminder card was received]

**Sources:** None  
**Recodes:** None  
**Keywords:** access; sources; health care provider; waiting time  
**Notes:** 2011 Supplement question. In 2012, the universe was modified to exclude routine appointments, appointments made during previous visits, and appointments for which a reminder card was received. The variable name was changed from AVISAPTT to AVISAPT2 to reflect this modification.

**Appointment wait time**

<table>
<thead>
<tr>
<th>Time Period</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Days</td>
<td>1</td>
</tr>
<tr>
<td>Weeks</td>
<td>2</td>
</tr>
<tr>
<td>Months</td>
<td>3</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>
How long did you have to wait in the waiting room before you saw a doctor or other health professional for this visit?

*Enter '0' for no time

*Enter number for time in the waiting room.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','3','4','5','6')

Description: Sample adults aged 18+ years who had a place of last medical visit

Sources: None
Recodes: None
Keywords: access; sources; health care provider; waiting time
Notes: 2011 Supplement question

Time in waiting room-number

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>No time</td>
</tr>
<tr>
<td>01-96</td>
<td>1-96</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: AAU.308_02.020

Instrument Variable Name: WAITRMT

Final Documentation Name: WAITRMT

2 of 2

*Enter time period for time in the waiting room.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01'<=WAITRMN<='96','98','99')

Description: Sample adults aged 18+ years who had a place of last medical visit and gave a number or NA/DK for waiting room time.

Sources: None
Recodes: None
Keywords: access; source; health care provider; waiting time
Notes: 2011 Supplement question

Time in waiting room-time period

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Minutes</td>
</tr>
<tr>
<td>2</td>
<td>Hours</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: AAU.309_00.010

**Instrument Variable Name:** HIT1A  
**Final Documentation Name:** HIT1A

**During the Past 12 Months**, have you ever used computers for any of the following...

**...Look up health information on the Internet**

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997', '999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; HIT; health topics

**Notes:** 2011 Supplement question. In 2009, the dimension of health information technology concerning "looking up health information on the Internet" was asked with two questions (HIT1 and HIT2). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

<table>
<thead>
<tr>
<th>Looked up health information on Internet, past 12 m</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: AAU.309_00.020

**Instrument Variable Name:** HIT2A  
**Final Documentation Name:** HIT2A

**During the Past 12 Months**, have you ever used computers for any of the following...

**...Fill a prescription**

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997', '999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; resource; HIT; prescription; medication

**Notes:** 2011 Supplement question. In 2009, the dimension of health information technology concerning "filling a prescription on the Internet" was asked with two questions (HIT5 and HIT6). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

<table>
<thead>
<tr>
<th>Filled a prescription on Internet, past 12 m</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: AAU.309_00.030
Instrument Variable Name: HIT3A
Final Documentation Name: HIT3A

DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

…Schedule an appointment with a health care provider

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; HIT; visit, doctor, nurse; dentist;
Notes: 2011 Supplement question. In 2009, the dimension of health information technology concerning "scheduling an appointment with a health care provider on the Internet" was asked with two questions (HIT7 and HIT8). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

Scheduled medical appointment on Internet, past 12 m

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

Question ID: AAU.309_00.040
Instrument Variable Name: HIT4A
Final Documentation Name: HIT4A

DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

…Communicate with a health care provider by email

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')
Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; HIT; doctor; nurse; dentist
Notes: 2011 Supplement question. In 2009, the dimension of health information technology concerning "communicating with a health care provider by email on the Internet" was asked with two questions (HIT9 and HIT10). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

Communicated with health care provider by email, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

…Use online chat groups to learn about health topics

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; HIT; health information; chat rooms

**Notes:** 2011 Supplement question. In 2009, the dimension of health information technology concerning "using online chat groups to learn about health topics" was asked with two questions (HIT3 an HIT4). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

<table>
<thead>
<tr>
<th>Used chat groups to learn about health topics, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<td>7</td>
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<td>8</td>
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<td>9</td>
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</tbody>
</table>

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**Question ID:** AAU.310_00.000

**Instrument Variable Name:** SHTFLUYR

**Final Documentation Name:** SHTFLU2

DURING THE PAST 12 MONTHS, have you had a flu shot? A flu shot is usually given in the fall and protects against influenza for the flu season. [A flu shot is injected in the arm. Do not include an influenza vaccine sprayed in the nose.]

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; H1N1; swine flu; pandemic flu

**Notes:** None

<table>
<thead>
<tr>
<th>Flu shot past 12 m</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<td>8</td>
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<td>9</td>
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</tbody>
</table>
During what month and year did you receive your most recent flu shot?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SHTFLU2='1')

**Description:** Sample adults aged 18+ years who have had a flu shot

**Sources:** None

**Recodes:** None

**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; H1N1; swine flu; pandemic flu

**Notes:** None

<table>
<thead>
<tr>
<th>Month of most recent flu shot</th>
<th></th>
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<tbody>
<tr>
<td>01</td>
<td>January</td>
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<td>02</td>
<td>February</td>
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<td>03</td>
<td>March</td>
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<td>04</td>
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<td>05</td>
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<td>10</td>
<td>October</td>
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<tr>
<td>11</td>
<td>November</td>
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<tr>
<td>12</td>
<td>December</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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</tbody>
</table>
2012 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 24-May-13

**Question ID:** AAU.312_02.000  
**Instrument Variable Name:** ASHFLU_Y  
**Final Documentation Name:** ASHFLUY2

*Enter year of most recent flu shot.*

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SHTFLU2 = '1'

**Description:** Sample adults aged 18+ years who have had a flu shot

**Sources:** None

**Recodes:** None

**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; H1N1; swine flu; pandemic flu

**Notes:** None

<table>
<thead>
<tr>
<th>Year</th>
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<tbody>
<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>

**Question ID:** AAU.313_00.000  
**Instrument Variable Name:** FLUSHPG1  
**Final Documentation Name:** FLUSHPG1

Did you get a flu shot before or during your current pregnancy?

**Universe:** ASTATFLG = '1' and (AGE <= '049') and SEX = '2' and SHTFLUYR ='1' and PREGNOW ='1' and INTV_MON IN ('01','02','03','08','09','10','11','12')

**Description:** Female sample adults 18-49 who received a flu shot in the past 12 months and are currently pregnant (interviewed January-March or August-December)

**Sources:** None

**Recodes:** None

**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; pregnant

**Notes:** 2012 Supplement question

| Flu shot before/during your current pregnancy, interviewed Jan-Mar or Aug-Dec, 2012 |
|---|---|
| 1 | Before this pregnancy |
| 2 | During this pregnancy |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
[If interviewed Jan-Mar (curr year)] Earlier you said you were pregnant sometime since August 1 (last year). Did you get a flu shot before, during or after this pregnancy?

[If interviewed Apr-July (curr year)] Earlier you said you were pregnant sometime between August (last year) and March (curr year). Did you get a flu shot before, during or after this pregnancy?

[If interviewed Aug-Dec (curr year)] Earlier you said you were pregnant sometime since August 1 (curr year). Did you get a flu shot before, during or after this pregnancy?

Universe: ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2' and SHTFLUYR = '1' and (PREGFLYR = '1')

Description: Female sample adults 18-49 who received a flu shot in the past 12 months and who are currently pregnant (interviewed April-July) and were pregnant during any time August (last year) through March (curr year); and female sample adults 18-49 who received a flu shot in the past 12 months who are not currently pregnant (interviewed January-July (curr year)) and who were pregnant during any time since August (last year); and female sample adults 18-49 who received a flu shot in the past who were not currently pregnant (interviewed August-December (curr year)) but who were pregnant from any time since August 1 (curr year).

Sources: None

Recodes: None

Keywords: access; source; flu; flu shot; flu vaccine; influenza; pregnant

Notes: 2012 Supplement question

Flu shot before/during/after a pregnancy
1 Before this pregnancy
2 During this pregnancy
3 After this pregnancy
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 12 MONTHS, have you had a flu vaccine sprayed in your nose by a doctor or other health professional? A health professional may have let you spray it. This vaccine is usually given in the fall and protects against influenza for the flu season. [This influenza vaccine is called FluMist.]

Universe: \( \text{ASTATFLG} = '1' \) and \((\text{AGE} \geq '018' \) and \(\text{AGE} \) not IN \((997,'999'))\)

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; flu; flu vaccine spray; flumist; influenza; LAIV; H1N1; swine flu; pandemic flu

Notes: None

Flu nasal spray past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: AAU.318_01.000
Instrument Variable Name: ASPFLU_M
Final Documentation Name: ASPFLUM2

During what month and year did you receive your most recent flu nasal spray?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SPRFLU2='1'

Description: Sample adults aged 18+ years who have had a flu nasal spray vaccine

Sources: None
Recodes: None
Keywords: access; source; flu; flu vaccine spray; flumist; influenza; intranasal; LAIV; H1N1; swine flu; pandemic flu
Notes: None

Month of most recent flu nasal spray

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>01</td>
<td>January</td>
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<tr>
<td>02</td>
<td>February</td>
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<td>03</td>
<td>March</td>
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<tr>
<td>97</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
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</table>
**2012 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
*samadult : Adult Access to Health Care & Utilization*  
PUBLIC USE  
Document Version Date: 24-May-13

### Question ID: AAU.318_02.000

**Instrument Variable Name:** ASPFLU_Y  
**Final Documentation Name:** ASPFLUY2

*Enter year of most recent flu nasal spray.*

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SPRFLU2 = '1')

**Description:**  
Sample adults aged 18+ years who have had a flu nasal spray vaccine

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; flu; flu vaccine spray; flumist; influenza; intranasal; LAIV; H1N1; swine flu; pandemic flu  
**Notes:** None

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<thead>
<tr>
<th>Year</th>
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<tbody>
<tr>
<td>9997</td>
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<tr>
<td>9998</td>
<td>Not ascertained</td>
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<tr>
<td>9999</td>
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</tr>
</tbody>
</table>

### Question ID: AAU.320_00.000

**Instrument Variable Name:** SHTPNUYR  
**Final Documentation Name:** SHTPNUYR

**Have you EVER had a pneumonia shot?**  
This shot is usually given only once or twice in a person's lifetime and is different from the flu shot. It is also called the pneumococcal vaccine.

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

**Description:**  
Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; pneumonia; pneumonia shot; pneumonia vaccine  
**Notes:** None

**Pneumonia shot (EVER)**

<table>
<thead>
<tr>
<th>1</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<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>
### Have you EVER had chickenpox?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

<table>
<thead>
<tr>
<th>Source</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recode</td>
<td>None</td>
</tr>
<tr>
<td>Keyword</td>
<td>access; source; chickenpox; varicella</td>
</tr>
<tr>
<td>Notes</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ever had chickenpox</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>

### Have you had chickenpox in the PAST 12 MONTHS?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and APOX = '1'

**Description:** Sample adults aged 18+ years who have ever had chickenpox

<table>
<thead>
<tr>
<th>Source</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recode</td>
<td>None</td>
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<tr>
<td>Keyword</td>
<td>access; source; chickenpox; varicella</td>
</tr>
<tr>
<td>Notes</td>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Chickenpox, 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>
### Have you EVER had hepatitis?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; hepatitis; liver

**Notes:** None

<table>
<thead>
<tr>
<th>Ever had hepatitis</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>

### Have you ever lived with someone who had hepatitis?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHEP NE '1'

**Description:** Sample adults aged 18+ years who have never had hepatitis; Ref/NA/DK if ever had hepatitis

**Sources:** None

**Recodes:** None

**Keywords:** access; source; hepatitis; liver

**Notes:** None

<table>
<thead>
<tr>
<th>Ever lived w/ someone w/ hepatitis</th>
<th>Description</th>
</tr>
</thead>
<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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<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>
Have you EVER received the hepatitis B vaccine? [This is given in three separate doses and has been available since 1991. It is recommended for newborn infants, adolescents, and people such as health care workers, who may be exposed to the hepatitis B virus.]

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Hepatitis B vaccine (EVER)

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

Did you receive at least 3 doses of the hepatitis B vaccine, or less than 3 doses?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SHTHEPB = '1'

Description: Sample adults aged 18+ years who have received the Hepatitis B vaccine

# doses of hepatitis B vaccine received

1  Received at least 3 doses
2  Received less than 3 doses
7  Refused
8  Not ascertained
9  Don't know
The hepatitis A vaccine is given as a two dose series routinely to some children starting at 1 year of age, and to some adults and people who travel outside the United States. Although it can be given as a combination vaccine with hepatitis B, it is different from the hepatitis B shot, and has only been available since 1995. Have you EVER received the hepatitis A vaccine?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; hepatitis A; vaccine; liver

**Notes:** 2008 Supplement question

<table>
<thead>
<tr>
<th>Hepatitis A vaccine (EVER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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</table>

**Question ID:** AAU.390_00.010

**Instrument Variable Name:** SHTHEPA

**Final Documentation Name:** SHTHEPA

How many hepatitis A shots did you receive?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SHTHEPA = '1'

**Description:** Sample adults aged 18+ years who have had a hepatitis A vaccine

**Sources:** None

**Recodes:** None

**Keywords:** access; source; hepatitis A; vaccine; liver

**Notes:** 2008 Supplement question

<table>
<thead>
<tr>
<th># shots of hepatitis A vaccine received</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-95 - 01-95 shots 96 - Received all shots</td>
</tr>
<tr>
<td>97 - Refused 98 - Not ascertained</td>
</tr>
<tr>
<td>99 - Don't know</td>
</tr>
</tbody>
</table>
Shingles is an outbreak of a rash or blisters on the skin that may be associated with severe pain. The pain is generally on one side of the body or face. Shingles is caused by the chicken pox virus. A vaccine for shingles has been available since May 2006. Have you ever had the Zoster (ZOSS-ter) or Shingles vaccine, also called Zostavax®?

**Universe:** ASTATFLG = '1' and (AGE GE '050' and AGE not IN ('997','999'))

**Description:** Sample adults aged 50+ years

**Keywords:** access; source; shingles, herpes zoster, chicken pox, rash

**Notes:** 2008 Supplement question

Ever had the Zoster or Shingles vaccine

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

---

**Question ID:** AAU.420_00.010  
**Instrument Variable Name:** SHTTD  
**Final Documentation Name:** SHTTD

**Have you received a tetanus shot in the past 10 years?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Keywords:** access; source; vaccine, tetanus, Td; Tdap

**Notes:** 2008 Supplement question

Tetanus shot in the past 10 years

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: AAU.430_00.010  
Instrument Variable Name: SHTTD05  
Final Documentation Name: SHTTD05

Was your most recent tetanus shot given in 2005 or later?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and SHTTD = '1'

Description: Sample adults aged 18+ years who have had a tetanus shot in the past 10 years

Sources: None
Recodes: None
Keywords: access; source; vaccine, tetanus; Td; Tdap
Notes: 2008 Supplement question

Tetanus shot given in 2005 or later

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

Question ID: AAU.440_00.010  
Instrument Variable Name: SHTTDAP  
Final Documentation Name: SHTTDAP2

There are currently two types of tetanus shots available today. One is the Td or tetanus-diphtheria vaccine and the other is called Tdap or ADACEL™ or BOOSTRIX™. They are similar except the Tdap shot also includes a pertussis (pert-TUH-sis) or whooping cough vaccine. Thinking back to your most recent tetanus shot, did the health care provider tell you or did the vaccine information sheet say the vaccine included the pertussis or whooping cough vaccine? The shot is often called Tdap or ADACEL™ or BOOSTRIX™.

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and SHTTD05 IN ('1','7')

Description: Sample adults aged 18+ years who have had a tetanus shot in 2005 or beyond or refused to say if they had a tetanus shot in 2005 or beyond

Sources: None
Recodes: None
Keywords: access; source; vaccine, pertussis, whooping cough, Td; Tdap, ADACEL
Notes: 2008 Supplement question. In 2012, the question text was modified and the universe changed. Prior to 2012, only sample adults 18-64 were asked this question. Beginning in 2012, all sample adults 18+ were asked this question and the variable name was changed from SHTTDAP to SHTTDAP2 to reflect this modification.

Vaccine included pertussis/whooping cough

1  Yes-included pertussis
2  No-did not include pertussis
3  Doctor did not say
7  Refused
8  Not ascertained
9  Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 24-May-13

**Question ID:** AAU.442_00.010  
**Instrument Variable Name:** HPVHRD  
**Final Documentation Name:** HPVHRD

**Have you ever heard of HPV? HPV stands for human papillomavirus (pap-uh-LOW-muh-vi-rus).**

**Universe:** ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18-64 years

**Sources:** None

**Recodes:** None

**Keywords:** HPV; human papillomavirus

**Notes:** In 2010, this variable was located in the Cancer Screening Section (NAF) on the Sample Adult Cancer file (HPVHRD, NAF.228_01.000).

Ever heard of HPV

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

**Question ID:** AAU.444_00.010  
**Instrument Variable Name:** SHHPVHD1  
**Final Documentation Name:** SHHPVHD1

**Two vaccines, or shots, to prevent HPV infection are available in the United States. Both vaccines prevent cervical cancer and one also prevents genital warts. The two HPV vaccines are sometimes called CERVARIX® or GARDASIL®. Before this survey, have you ever heard of HPV vaccines or shots?**

**Universe:** ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18-64 years

**Sources:** None

**Recodes:** None

**Keywords:** HPV; vaccine; shot; human papillomavirus; CERVARIX, GARDASIL

**Notes:** In 2010, this variable was located in the Cancer Screening Section (NAF) on the Sample Adult Cancer file (SHHPVHRD, NAF.228_03.000).

Ever heard of HPV vaccines or shots

1. Yes
2. No
7. Refused
8. Not Ascertained
9. Don't know
### Have you ever received an HPV shot or vaccine?

**Universe:** ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18-64 years

**Sources:** None

**Recodes:** None

**Keywords:** HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL.

**Notes:** In 2010, this variable was located in the Cancer Screening Section (NAF) on the Sample Adult Cancer file (SHTHPV, NAF.228_04.000).

| 1 | Yes |
| 2 | No  |
| 3 | Doctor refused when asked |
| 7 | Refused |
| 8 | Not Ascertained |
| 9 | Don't know |

### How many HPV shots did you receive?

**Universe:** ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999')) and SHTHPV1='1'

**Description:** Sample adults aged 18-64 years who received an HPV shot

**Sources:** None

**Recodes:** None

**Keywords:** HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL.

**Notes:** In 2010, this variable was located in the Cancer Screening Section (NAF) on the Sample Adult Cancer file (SHHPVDOS, NAF.228_05.000).

| 01-49 | 1-49 shots |
| 50+   | 50+ |
| 96    | All shots |
| 97    | Refused |
| 98    | Not Ascertained |
| 99    | Don't know |
Question ID: AAU.450_00.010  
Instrument Variable Name: LIVEV  
Final Documentation Name: LIVEV

Has a doctor or other health professional ever told you that you had any kind of chronic, or long-term liver condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; liver

Notes: 2008 Supplement question

Ever told you had any kind of chronic/long-term liver condition

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

Question ID: AAU.460_00.010  
Instrument Variable Name: TRAVEL  
Final Documentation Name: TRAVEL

Have you ever traveled outside of the United States to countries other than Europe, Japan, Australia, New Zealand or Canada, since 1995?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; travel

Notes: 2008 Supplement question

Ever traveled outside USA since 1995 (Excluding Europe, Japan, Australia, New Zealand, and Canada)

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Do you currently volunteer or work in a hospital, medical clinic, doctor's office, dentist's office, nursing home or some other health-care facility? This includes emergency responders and public safety personnel, part-time and unpaid work in a health care facility as well as professional nursing care provided in the home. [This includes non-health care professionals, such as administrative staff, who work in a health-care facility.]

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: healthcare facility; home care; work; volunteer; emergency responder; safety personnel

Notes: 2009 Supplement question. In 2012, the question text was modified and the variable name was changed from WRKHLTH to WRKHLTH2 to reflect this modification.

Direct contact with patients

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: AAU.500_00.010
Instrument Variable Name: APSBPCHK
Final Documentation Name: APSBPCHK

**DURING THE PAST 12 MONTHS, have you had your blood pressure checked by a doctor, nurse, or other health professional?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; hypertension; HBP
Notes: 2011 Supplement question

Blood pressure checked by doctor/nurse/health professional, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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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: AAU.510_00.010
Instrument Variable Name: APSCHCHK
Final Documentation Name: APSCHCHK

**DURING THE PAST 12 MONTHS, have you had your blood cholesterol checked by a doctor, nurse, or other health professional?**

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; lipid
Notes: 2011 Supplement question

Cholesterol checked by doctor/nurse/health professional, past 12 m

<p>| | |</p>
<table>
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<tr>
<td>1</td>
<td>Yes</td>
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<td>2</td>
<td>No</td>
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<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>
</tr>
</tbody>
</table>
Have you had a fasting test for high blood sugar or diabetes DURING THE PAST 12 MONTHS?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; high sugar; sugar diabetes; high blood glucose
Notes: 2011 Supplement question

Fasting test for high blood sugar/diabetes, past 12 m

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

Have you had a Pap smear or Pap test DURING THE PAST 12 MONTHS?

[A Pap smear or Pap test is a routine test for women in which the doctor examines the cervix, takes a cell sample from the cervix with a small stick or brush, and sends it to the lab.]

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and SEX='2'

Description: Female sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; pap test; pap smear
Notes: 2011 Supplement question

Pap smear/test, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
### Have you had a Mammogram DURING THE PAST 12 MONTHS?

**Question ID:** AAU.540_00.010  
**Instrument Variable Name:** APSMAM  
**Final Documentation Name:** APSMAM

**Universe:** ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2'

**Description:** Female sample adults aged 30+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; mammogram; mammography

**Notes:** 2011 Supplement question

<table>
<thead>
<tr>
<th>Mammogram, past 12 m</th>
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<tbody>
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</tbody>
</table>

### DURING THE PAST 12 MONTHS, have you had any test done for colon cancer?

**Question ID:** AAU.550_00.010  
**Instrument Variable Name:** APSCOL  
**Final Documentation Name:** APSCOL

**Universe:** ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; colonoscopy; sigmoidoscopy; stool test; occult test

**Notes:** 2011 Supplement question

<table>
<thead>
<tr>
<th>Test for colon cancer, past 12 m</th>
<th></th>
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</thead>
<tbody>
<tr>
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<td>1</td>
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<td>7</td>
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<td>9</td>
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</tbody>
</table>
DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your diet?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; diet
Notes: 2011 Supplement question

Doctor/health professional talked to you about diet, past 12 m

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

DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your smoking?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and SMKNOW IN('1','2')

Description: Sample adults aged 18+ years who currently smoke every day or some days

Sources: None
Recodes: None
Keywords: access; source; smoke; smoking; cigarettes; tobacco
Notes: 2011 Supplement question

Doctor/health professional talked to you about smoking, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** AUA.580_00.010  
**Instrument Variable Name:** LTCFAM  
**Final Documentation Name:** LTCFAM

**Do you have a parent, spouse, sibling, or adult child who has needed help for at least a year with everyday needs like bathing, dressing or eating due to a long term condition? [Due to a chronic illness or disability.]**

**Universe:** ASTATFLG = '1' and ('040' <=AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs

**Notes:** 2011 Supplement question

Have family member who needed ADL help for 1+ yrs

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

**Question ID:** AUA.582_00.010  
**Instrument Variable Name:** LTCHELP  
**Final Documentation Name:** LTCHELP

**How likely is it that you may someday need help with daily activities like bathing, dressing, eating, or using the toilet due to a long term condition? Would you say…**

**Universe:** ASTATFLG = '1' and ('040' <=AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs

**Notes:** 2011 Supplement question

How likely you will need ADL help

1. Very likely  
2. Somewhat likely  
3. Somewhat unlikely  
4. Very unlikely  
7. Refused  
8. Not ascertained  
9. Don't know
2012 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult: Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 24-May-13

Question ID: AAU.584_01.010
Instrument Variable Name: LTCWHO1-LTCWHO5
Final Documentation Name: LTCWHO1

If you needed such help, who would provide this help? …My family

Universe: ASTATFLG = '1' and ('040' <=AGE <= '065' and AGE not IN ('997','999'))
Description: Sample adults aged 40-65 years

Sources: None
Recodes: None
Keywords: access; source; long term care; ADLs
Notes: 2011 Supplement question

Family would provide ADL help
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know

Question ID: AAU.584_02.010
Instrument Variable Name: LTCWHO1-LTCWHO5
Final Documentation Name: LTCWHO2

If you needed such help, who would provide this help? …Someone I hire

Universe: ASTATFLG = '1' and ('040' <=AGE <= '065' and AGE not IN ('997','999'))
Description: Sample adults aged 40-65 years

Sources: None
Recodes: None
Keywords: access; source; long term care; ADLs
Notes: 2011 Supplement question

Hire someone to provide ADL help
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
If you needed such help, who would provide this help?  …Home health care organization

Universe:  ASTATFLG = '1' and (040 <=AGE <= 065 and AGE not IN (997,999))

Description: Sample adults aged 40-65 years

Home health care organization would provide ADL help

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

If you needed such help, who would provide this help?  …Nursing home/assisted living

Universe:  ASTATFLG = '1' and (040 <=AGE <= 065 and AGE not IN (997,999))

Description: Sample adults aged 40-65 years

Nursing home/assisted living would provide ADL help

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don’t know
### Question ID: AAU.584_05.010

**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO5

If you needed such help, who would provide this help?  …Other

**Universe:** ASTATFLG = '1' and ('040' <=AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs  
**Notes:** 2011 Supplement question

<table>
<thead>
<tr>
<th>Other would provide ADL help</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>9</td>
</tr>
</tbody>
</table>

### Question ID: AAU.600_00.010

**Instrument Variable Name:** AINDINS  
**Final Documentation Name:** AINDINS

**Question:** DURING THE PAST 3 YEARS, did you try to purchase health insurance directly, that is, not through any employer, union, or government program?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan  
**Notes:** 2011 Supplement question

<table>
<thead>
<tr>
<th>Tried to purchase health insurance directly, past 3 yrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<td>7</td>
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<td>8</td>
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<td>9</td>
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</tbody>
</table>
### Was a plan purchased?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and AINDINS='1'

**Description:**
Sample adults aged 18+ years who tried to purchase health insurance directly in the past 3 years

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</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>
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<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

### Was this plan for yourself, someone else in your family, or both?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AINDPRCH='1'

**Description:**
Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Self</td>
</tr>
<tr>
<td>2</td>
<td>Someone else in family</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>
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<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
### Question 1: How difficult was it to find a plan with the type of coverage you needed? Would you say…

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'

**Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Not at all difficult</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 2: How difficult was it to find a plan you could afford? Would you say…

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'

**Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very difficult</td>
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<tr>
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<td>Somewhat difficult</td>
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<td>3</td>
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</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>
</tbody>
</table>
### Question ID: AAU.600_01.060

**Instrument Variable Name:** AINDENY1  
**Final Documentation Name:** AINDENY1

**Did any company turn you down when you tried to buy coverage on your own?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'

**Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan  
**Notes:** 2011 Supplement question

```
<table>
<thead>
<tr>
<th>Turned down for coverage, past 3 yrs</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: AAU.600_02.060

**Instrument Variable Name:** AINDENY2  
**Final Documentation Name:** AINDENY2

**Did any company charge a higher price because of [your/your family’s/you or your family’s] health?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'

**Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan  
**Notes:** 2011 Supplement question

```
<table>
<thead>
<tr>
<th>Charged higher price for coverage because of health, past 3 yrs</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:** AAU.600_03.060  
**Instrument Variable Name:** AINDENY3  
**Final Documentation Name:** AINDENY3

**Did any company exclude a specific health problem from the coverage?**

- **Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'
- **Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage, health plan  
**Notes:** 2011 Supplement question

<table>
<thead>
<tr>
<th>Specific health problem excluded from coverage, past 3 yrs</th>
</tr>
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<tbody>
<tr>
<td>1</td>
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<td>7</td>
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<td>8</td>
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</tbody>
</table>

**Question ID:** AAU.601_01.070  
**Instrument Variable Name:** AINDNOT1-AINDNOT5  
**Final Documentation Name:** AINDNOT1

**Why did you not buy the plan? …Turned down**

- **Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='2'
- **Description:** Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan; past 3 yrs  
**Notes:** 2011 Supplement question

<table>
<thead>
<tr>
<th>Didn’t buy plan because turned down, past 3 yrs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>8</td>
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</tbody>
</table>
### Question ID: AAU.601_02.070
Instrument Variable Name: AINDNOT1-AINDNOT5
Final Documentation Name: AINDNOT2

**Why did you not buy the plan? …Cost**

<table>
<thead>
<tr>
<th>Universe</th>
<th>ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='2'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years</td>
</tr>
</tbody>
</table>

Sources: None
Recodes: None
Keywords: access; source; health insurance; health care coverage; expense, health plan; past 3 yrs
Notes: 2011 Supplement question

Didn't buy plan because of cost, past 3 yrs

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

### Question ID: AAU.601_03.070
Instrument Variable Name: AINDNOT1-AINDNOT5
Final Documentation Name: AINDNOT3

**Why did you not buy the plan? …Pre-existing condition**

<table>
<thead>
<tr>
<th>Universe</th>
<th>ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='2'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years</td>
</tr>
</tbody>
</table>

Sources: None
Recodes: None
Keywords: access; source; health insurance; health care coverage; health plan; past 3 yrs
Notes: 2011 Supplement question

Didn't buy plan because of pre-existing condition, past 3 yrs

| 1 | Mentioned |
| 2 | Not mentioned |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don’t know |
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult** : Adult Access to Health Care & Utilization

**PUBLIC USE**

**Document Version Date: 24-May-13**

---

**Question ID:** AAU.601_04.070  
**Instrument Variable Name:** AINDNOT1-AINDNOT5  
**Final Documentation Name:** AINDNOT4

**Why did you not buy the plan?  …Got health insurance from other source**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='2'

**Description:** Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan; past 3 yrs  
**Notes:** 2011 Supplement question

Didn't buy plan because got health insurance from other source, past 3 yrs

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

---

**Question ID:** AAU.601_05.070  
**Instrument Variable Name:** AINDNOT1-AINDNOT5  
**Final Documentation Name:** AINDNOT5

**Why did you not buy the plan?  …Other reason**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='2'

**Description:** Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan; past 3 yrs  
**Notes:** 2011 Supplement question

Other reason didn't buy plan, past 3 yrs

1  Mentioned  
2  Not mentioned  
7  Refused  
8  Not ascertained  
9  Don’t know
The next question is about the test for HIV (the virus that causes AIDS).

Except for tests you may have had as part of blood donations, have you ever been tested for HIV?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; AIDS test; HIV test; blood test
Notes: 2011 permanent variable. In 2010, this variable was located in the AIDS Knowledge & Attitudes Section (ADS) on the Sample Adult file (HIVTST, ADS.040_00.000).

Ever been tested for HIV

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

The next questions are about your Internet and email use.

Do you use the Internet?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: internet use
Notes: None

Internet use

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**2012 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Internet and Email Usage**

**PUBLIC USE**

**Document Version Date: 24-May-13**

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**Question ID:** AWB020_01.000  
**Instrument Variable Name:** AWEBOFNO  
**Final Documentation Name:** AWEBOFNO

---

**1 of 2**

**How often do you use the Internet?**

*Read if necessary: How many times per day, per week, per month, or per year do you use the Internet?*

*Enter number.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AWEBUSE =1'

**Description:** Sample adults 18+ who use the Internet

**Sources:** None  
**Recodes:** None  
**Keywords:** internet use frequency  
**Notes:** None

**Frequency internet use: # of units**

- **001-995**: 1-995  
- **997**: Refused  
- **998**: Not ascertained  
- **999**: Don't know

---

**Question ID:** AWB020_02.000  
**Instrument Variable Name:** AWEBOFFTP  
**Final Documentation Name:** AWEBOFFTP

---

**2 of 2**

**Enter time period for how often Internet is used.**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (001<=AWEBOFNO<=995)

**Description:** Sample adults 18+ who use the Internet and gave a valid value for the number portion of this question

**Sources:** None  
**Recodes:** None  
**Keywords:** internet use frequency  
**Notes:** None

**Frequency internet use: Time units**

- **1**: Per day  
- **2**: Per week  
- **3**: Per month  
- **4**: Per year  
- **7**: Refused  
- **8**: Not ascertained  
- **9**: Don't know
Do you send or receive emails?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: email use

Notes: None

Email use

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

How often do you check this email account?

*Read if necessary: How many times per day, per week, per month, or per year do you check this email account?

*Enter number.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and provided a valid email address

Description: Sample adults 18+ who gave an email address

Sources: None

Recodes: None

Keywords: email use frequency

Notes: None

Frequency email use: # of units

001-995 1-995
997 Refused
998 Not ascertained
999 Don't know
**Question ID:** AWB.050_02.000

**Instrument Variable Name:** AWEBMTP

**Final Documentation Name:** AWEBMTP

---

**2 of 2**

*Enter time period for how often email is checked.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and provided a valid email address and ('001'<=AWEBMNO<='995')

**Description:** Sample adults 18+ who gave an email address and gave a valid value for the number portion of this question

**Sources:** None

**Recodes:** None

**Keywords:** email use frequency

**Notes:** None

**Frequency email use: Time units**

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Per day</td>
</tr>
<tr>
<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
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<tr>
<td>4</td>
<td>Per year</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>
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</table>
**INDSTRY APPENDIX: INDUSTRY RECODE APPENDIX from the 2007 NAICS-based codes obtained from Census**

**Numeric listing of Response Values and Labels for INDSTRN1 (detailed industry recode)**

<table>
<thead>
<tr>
<th>Column 1 Response Values</th>
<th>Column 2 Response Values</th>
<th>Column 3 Response Labels</th>
</tr>
</thead>
<tbody>
<tr>
<td>0170</td>
<td>01</td>
<td>Crop production</td>
</tr>
<tr>
<td>0180</td>
<td>02</td>
<td>Animal production</td>
</tr>
<tr>
<td>0190, 0270</td>
<td>03</td>
<td>Forestry and logging</td>
</tr>
<tr>
<td>0280</td>
<td>04</td>
<td>Fishing, hunting, and trapping</td>
</tr>
<tr>
<td>0290</td>
<td>05</td>
<td>Support activities for agriculture and forestry</td>
</tr>
<tr>
<td>0370</td>
<td>06</td>
<td>Oil and gas extraction</td>
</tr>
<tr>
<td>0380, 0390, 0470, 0480</td>
<td>07</td>
<td>Mining (except oil and gas)</td>
</tr>
<tr>
<td>0490</td>
<td>08</td>
<td>Support activities for mining</td>
</tr>
<tr>
<td>0570, 0580, 0590, 0670, 0680, 0690</td>
<td>09</td>
<td></td>
</tr>
<tr>
<td>0770</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1070, 1080, 1090, 1170, 1180, 1190, 1270, 1280, 1370, 1390, 1470, 1490, 1570, 1590, 1670, 1680, 1690, 1770, 1790, 3770, 3780, 3790, 3870, 1870, 1880, 1890, 1990, 2070, 2090, 2170, 2180, 2190, 2270, 2280, 2290, 2370, 2380, 2390, 2470, 2480, 2490, 2570, 2590, 2670, 2680, 2690, 2770, 2780, 2990, 2790, 2870, 2880, 2890, 2970, 2980, 3070, 3080, 3090, 3170, 3180, 3190, 3290, 3360, 3370, 3380, 3390, 3470, 3490, 3570, 3580, 3590, 3670, 3680, 3690, 3890, 3960, 3970, 3980, 3990, 4070, 4080, 4090, 4170, 4180, 4190, 4260, 4270, 4280, 4290, 4370, 4380, 4390, 4470, 4480, 4490, 4580, 4585, 4590, 4670, 4680, 4690, 4770, 4780, 4790, 4870, 4880, 4890, 4970, 4980, 4990, 5070, 5080, 5090, 5170, 5180, 5190, 5270, 5280, 5290, 5370, 5380, 5390, 5470, 5480, 5490, 5570, 5580, 5590, 5591, 5592, 5670, 5680, 5690, 5790, 6070, 6080, 6090, 6170, 6180, 6190, 6270, 6280, 6370, 6380, 6390, 6470, 6480, 6490, 6570, 6590, 6670, 6680, 6690, 6770, 6672, 6695, 6780, 6870, 6880, 6890, 6970, 6980, 6990, 7070, 7080, 7170, 7180, 7190, 7270, 7280, 7290, 7370, 7380, 7390, 7460, 7470, 7480, 7490</td>
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<td>Textile mills</td>
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<td>Textile product mills</td>
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<tr>
<td>15</td>
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<td>Apparel manufacturing</td>
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<td>16</td>
<td>16</td>
<td>Leather and allied product manufacturing</td>
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<tr>
<td>17</td>
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<td>Wood product manufacturing</td>
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<td>Paper manufacturing</td>
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<td>19</td>
<td>19</td>
<td>Printing and related support activities</td>
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<td>20</td>
<td>20</td>
<td>Petroleum and coal products manufacturing</td>
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<td>21</td>
<td>Chemical manufacturing</td>
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<td>22</td>
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<td>Plastics and rubber products manufacturing</td>
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<td>23</td>
<td>23</td>
<td>Nonmetallic mineral product manufacturing</td>
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<td>Primary metal manufacturing</td>
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<td>Fabricated metal product manufacturing</td>
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<td>Machinery manufacturing</td>
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<td>27</td>
<td>Computer and electronic product manufacturing</td>
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<td>28</td>
<td>28</td>
<td>Electrical equipment, appliance, and component manufacturing</td>
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<td>29</td>
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<td>Transportation equipment manufacturing</td>
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<td>30</td>
<td>Furniture and related product manufacturing</td>
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<td>Miscellaneous manufacturing</td>
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<td>32</td>
<td>Merchant wholesalers, durable goods</td>
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<td>33</td>
<td>Merchant wholesalers, nondurable goods</td>
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<tr>
<td>34</td>
<td>34</td>
<td>Non-specified wholesale trade</td>
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<tr>
<td>35</td>
<td>35</td>
<td>Motor vehicle and parts dealers</td>
</tr>
<tr>
<td>36</td>
<td>36</td>
<td>Furniture and home furnishings stores</td>
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<tr>
<td>37</td>
<td>37</td>
<td>Electronics and appliance stores</td>
</tr>
<tr>
<td>38</td>
<td>38</td>
<td>Building material and garden equipment and supplies dealers</td>
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<tr>
<td>39</td>
<td>39</td>
<td>Food and beverage stores</td>
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<tr>
<td>40</td>
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<td>Health and personal care stores</td>
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<td>41</td>
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<td>Gasoline stations</td>
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<td>42</td>
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<td>Clothing and clothing accessories stores</td>
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<td>43</td>
<td>Sporting goods, camera, hobby, book and music stores</td>
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<td>General merchandise stores</td>
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<td>Miscellaneous store retailers</td>
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<td>Non-store retailers and non-specified retail trade</td>
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<td>Postal service, couriers, and messengers</td>
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<td>Warehouse and storage</td>
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<td>Publishing industries (except internet)</td>
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<td>Motion picture and sound recording industries</td>
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<td>52</td>
<td>Broadcasting and telecommunications</td>
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<td>53</td>
<td>Information services and data processing</td>
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<td>Monetary authorities -- central bank</td>
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<td>Credit intermediation and related activities</td>
</tr>
<tr>
<td>56</td>
<td>56</td>
<td>Securities, commodity contracts, and other financial investments and related activities</td>
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<td>Insurance carriers and related activities</td>
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<tr>
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<td>Real estate</td>
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<td>Rental and leasing services</td>
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<tr>
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<td>60</td>
<td>Lessors of nonfinancial intangible assets (except copyrighted works)</td>
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<td>61</td>
<td>Professional, Scientific, and Technical Services Industries</td>
</tr>
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<td>Description</td>
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</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
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<tr>
<td>7570</td>
<td>Management of Companies and Enterprises Industries</td>
<td></td>
</tr>
<tr>
<td>7580</td>
<td>Administrative and Support and Waste Management and Remediation Services Industries</td>
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</tr>
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<td>7590</td>
<td>Education Services Industries</td>
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<td>7660, 7670, 7680, 7690, 7770, 7780</td>
<td>Health Care and Social Assistance Industries</td>
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<td>7860, 7870, 7880, 7890, 8190</td>
<td>Ambulatory health care services</td>
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<td>8270, 8290</td>
<td>Hospitals</td>
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<tr>
<td>8370, 8390, 8390, 8470</td>
<td>Nursing and residential care facilities</td>
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<td>8550</td>
<td>Social assistance</td>
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<td>8570</td>
<td>Arts, Entertainment, and Recreation Industries</td>
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<td>8580, 8590</td>
<td>Performing arts, spectator sports, and related industries</td>
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<tr>
<td>8660, 8670</td>
<td>Museums, historical sites, and similar institutions</td>
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</tr>
<tr>
<td>8680, 8690</td>
<td>Amusement, gambling, and recreation industries</td>
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</tr>
<tr>
<td>8770, 8780, 8790, 8870, 8880, 8890</td>
<td>Accommodation and Food Services Industries</td>
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</tr>
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<td>8970, 8980, 8990, 9070, 9080, 9090</td>
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<td>9160, 9170, 9180, 9190</td>
<td>Food services and drinking places</td>
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<td>9290</td>
<td>Other Services (except Public Administration) Industries</td>
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<td>9370, 9380, 9390, 9470, 9480, 9490, 9570, 9590</td>
<td>Ambulatory health care services</td>
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<td>9670, 9680, 9690, 9770, 9780, 9790, 9970, 9880</td>
<td>Hospitals</td>
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</tr>
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<td>9997</td>
<td>Religious, grantmaking, civic, labor, professional, and similar organizations</td>
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</tr>
<tr>
<td>9998 and all other codes not listed</td>
<td>Private households</td>
<td></td>
</tr>
<tr>
<td>9999</td>
<td>Public Administration Industries</td>
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</tr>
<tr>
<td>97</td>
<td>Refused, classified</td>
<td></td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
<td></td>
</tr>
<tr>
<td>&lt;Blank: Not in Universe&gt;</td>
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<td></td>
</tr>
<tr>
<td>Column 1 Response Values</td>
<td>Column 2 Response Values</td>
<td>Column 3 Response Labels</td>
</tr>
<tr>
<td>--------------------------</td>
<td>--------------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>0170, 0180, 0190, 0270, 0280, 0290</td>
<td>01 Agriculture, Forestry, Fishing, and Hunting Industries</td>
<td>01</td>
</tr>
<tr>
<td>0370, 0380, 0390, 0470, 0480, 0490</td>
<td>02 Mining Industries</td>
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<td>0570, 0580, 0590, 0670, 0680, 0690</td>
<td>03 Utilities Industries</td>
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</tr>
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<td>0770</td>
<td>04 Construction Industries</td>
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<td>1070, 1080, 1090, 1170, 1180, 1190, 1270, 1280, 1290, 1370, 1390, 1470, 1480, 1490, 1570, 1590, 1680, 1690, 1770, 1790, 3770, 3780, 3790, 3870, 1870, 1880, 1890, 1950, 2070, 2090, 2170, 2180, 2190, 2270, 2280, 2290, 2370, 2380, 2390, 2470, 2480, 2490, 2570, 2590, 2670, 2680, 2690, 2770, 2780, 2990, 2870, 2880, 2890, 2970, 2980, 3070, 3080, 3090, 3170, 3180, 3190, 3290, 3360, 3370, 3380, 3390, 3470, 3480, 3490, 3570, 3580, 3590, 3670, 3680, 3690, 3690, 3970, 3980, 3990</td>
<td>05 Manufacturing Industries</td>
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<td>06 Wholesale Trade Industries</td>
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<td>4670, 4680, 4690, 4770, 4780, 4790, 4870, 4880, 4890, 4970, 4980, 4990, 5070, 5080, 5090, 5170, 5180, 5190, 5270, 5280, 5290, 5370, 5380, 5390, 5470, 5480, 5490, 5570, 5580, 5590, 5591, 5592, 5670, 5680, 5690, 5790, 6070, 6080, 6090, 6170, 6180, 6190, 6270, 6280, 6290, 6370, 6380, 6390</td>
<td>07 Retail Trade Industries</td>
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<td>6470, 6480, 6490, 6570, 6590, 6670, 6672, 6680, 6690, 6695, 6770, 6780</td>
<td>08 Transportation and Warehousing Industries</td>
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<td>6870, 6880, 6890, 6970, 6990</td>
<td>09 Information Industries</td>
<td>09</td>
</tr>
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<td>7070, 7080, 7170, 7180, 7190, 7270, 7280, 7290, 7370, 7380, 7390, 7460, 7470, 7480, 7490, 7570, 7580, 7590, 7670, 7680, 7780, 7780, 7790, 7860, 7870, 7880, 7890, 7970, 7980, 7990, 8070, 8080, 8090, 8170, 8180, 8190, 8270, 8290, 8370, 8380, 8390, 8470, 8560, 8570, 8580, 8590, 8660, 8670, 8680, 8690, 8770, 8780, 8790, 8870, 8880, 8890, 8970, 8980, 8990, 9070, 9090, 9160, 9170, 9180, 9190, 9290, 9370, 9380, 9390, 9470, 9480, 9490, 9570, 9590</td>
<td>10 Finance and Insurance Industries</td>
<td>10</td>
</tr>
<tr>
<td>9670, 9680, 9690, 9770, 9780, 9790, 9870, 9890, 9997, 9998 and all other codes not listed, 9999</td>
<td>11 Real Estate and Rental and Leasing Industries</td>
<td>11</td>
</tr>
<tr>
<td>9998 and all other codes not listed, 9999</td>
<td>12 Professional, Scientific, and Technical Services Industries</td>
<td>12</td>
</tr>
<tr>
<td>Note: INDSTRN1's 79 distinct categories and INDSTRN2's 21 categories are derived from the NAICS Industry Subsectors and Sectors, respectively, as identified by the U.S. Census Bureau. For additional supplemental information on these Industry Sectors and Subsectors, please see ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/NAICS_Sectors_and_Subsectors.pdf</td>
<td>13 Management of Companies and Enterprises Industries</td>
<td>13</td>
</tr>
<tr>
<td>14 Administrative and Support and Waste Management and Remediation Services Industries</td>
<td>15 Education Services Industries</td>
<td>15</td>
</tr>
<tr>
<td>16 Health Care and Social Assistance Industries</td>
<td>17 Arts, Entertainment, and Recreation Industries</td>
<td>17</td>
</tr>
<tr>
<td>18 Accommodation and Food Services Industries</td>
<td>19 Other Services (except Public Administration) Industries</td>
<td>19</td>
</tr>
<tr>
<td>20 Public Administration Industries</td>
<td>21 Armed Forces</td>
<td>21</td>
</tr>
<tr>
<td>97 Refused, classified</td>
<td>98 Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>99 Don't know</td>
<td>&lt;Blank: Not in Universe&gt;</td>
<td>99</td>
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</tbody>
</table>
Numeric listing of Response Values and Labels for OCCUPN1 (detailed occupation recode)

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input</td>
<td>Response</td>
<td>Output</td>
</tr>
<tr>
<td>Values</td>
<td>Response</td>
<td>Labels</td>
</tr>
</tbody>
</table>

Management Occupations
- 0010, 0020, 0030: Chief executives; general and operations managers; legislators
- 0040, 0050, 0060: Advertising, marketing, promotions, public relations, and sales managers
- 0100, 0110, 0135, 0136, 0140, 0150, 0160: Operations specialties managers
- 0205, 0220, 0230, 0300, 0310, 0325, 0330, 0340, 0350, 0360, 0400, 0410, 0420, 0425, 0430:
- 0360, 0400, 0410, 0420, 0425, 0430:

Business and Financial Operations Occupations
- 0500, 0510, 0520, 0530, 0540, 0565, 0600, 0630, 0640, 0650, 0700, 0710, 0725, 0726, 0735, 0740:
- 0800, 0810, 0820, 0830, 0840, 0850, 0860, 0900, 0910, 0930, 0940, 0950:

Computer and Mathematical Occupations
- 0930, 0940, 0950:

Architecture and Engineering Occupations
- 1005, 1006, 1007, 1010, 1030, 1050, 1060, 1105, 1106, 1107:
- 1200, 1210, 1220, 1230, 1240:

Life, Physical, and Social Science Occupations
- 1300, 1310:
- 1400, 1450, 1460, 1500, 1510, 1520, 1530:

Community and Social Services Occupations
- 2000, 2010, 2015, 2016, 2025:
- 2040, 2050, 2060:

Legal Occupations
- 2100, 2105, 2110:
- 2145, 2160:

Education, Training, and Library Occupations
- 2200:
- 2300, 2310, 2320, 2330:
- 2340:
- 2400, 2430, 2440:
- 2540, 2550:

Arts, Design, Entertainment, Sports, and Media Occupations
- 2600, 2630:
- 2700, 2710, 2720, 2740, 2750, 2760:
- 2800, 2810, 2825, 2830, 2840, 2850, 2860:
- 2900, 2910, 2920, 2960:

Healthcare Practitioners and Technical Occupations
- 3000, 3010, 3030, 3040, 3050, 3060, 3110, 3120, 3140, 3150, 3160, 3200, 3210, 3220, 3230, 3235, 3245, 3250, 3255, 3266, 3257, 3258, 3260:
- 3300, 3310, 3320, 3400, 3420, 3500, 3510, 3520, 3535, 3540:

Healthcare Support Occupations
- 3600:
- 3610, 3620:
- 3630, 3640, 3645, 3646, 3647, 3648, 3649, 3655:
- 3700, 3710, 3720, 3730:
- 3740, 3750:
- 3800, 3820, 3830, 3840, 3850, 3860:
- 3900, 3910, 3930, 3940, 3945, 3955:

Protective Service Occupations
- 4000, 4010:
- 4020, 4030:
- 4040, 4050, 4060, 4110, 4120:
- 4130, 4140, 4150, 4160:

Food Preparation and Serving Related Occupations
- 4200, 4210:
- 4220, 4230, 4240:
- 4250:

Building and Grounds Cleaning and Maintenance Occupations
- 4300, 4310:
- 4400, 4410:
- 4420, 4430:
- 4440, 4450:
- 4460, 4470:
### Personal Care and Service Occupations
- Supervisors, personal care and service workers
- Animal care and service workers
- Entertainment attendants and related workers
- Funeral service workers
- Personal appearance workers
- Transportation, tourism, and lodging attendants
- Other personal care and service workers

### Sales and Related Occupations
- Supervisors, sales workers
- Retail sales workers
- Sales representatives, services
- Sales representatives, wholesale and manufacturing
- Other sales and related workers

### Office and Administrative Support Occupations
- Supervisors, office and administrative support workers
- Communications equipment operators
- Financial clerks
- Material recording, scheduling, dispatching, and distributing workers
- Secretaries and administrative assistants
- Other office and administrative support workers

### Farming, Fishing, and Forestry Occupations
- Supervisors, farming, fishing, and forestry workers
- Agricultural workers
- Fishing and hunting workers
- Forest, conservation, and logging workers
- Helpers, construction trades
- Other construction and related workers

### Construction and Extraction Occupations
- Supervisors, construction and extraction workers
- Construction trades workers
- Helpers, construction trades
- Other construction and related workers
- Extraction workers

### Installation, Maintenance, and Repair Occupations
- Supervisors of installation, maintenance, and repair workers
- Electrical and electronic equipment mechanics, installers, and repairers
- Vehicle and mobile equipment mechanics, installers, and repairers
- Other installation, maintenance, and repair occupations

### Production Occupations
- Supervisors, production workers
- Assemblers and fabricators
- Food processing workers
- Metal workers and plastic workers
- Printing workers
- Textile, apparel, and furnishings workers
- Woodworkers
- Plant and system operators
- Other production occupations

### Transportation and Material Moving Occupations
- Supervisors, transportation and material moving workers
- Air transportation workers
- Rail transportation workers
- Water transportation workers
- Other transportation workers
- Material moving workers

### Military Specific Occupations
- Refused, classified
- Not ascertained
- Don't know
- <Blank: Not in Universe>
Numeric listing of Response Values and Labels for OCCUPN2 (simple occupation recode)

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
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<td>Input Response Values</td>
<td>Output Response Values</td>
<td>Output Response Labels</td>
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<td>Management Occupations</td>
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<td>02</td>
<td>Business and Financial Operations Occupations</td>
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<td>1005, 1006, 1007, 1010, 1020, 1030, 1050, 1060, 1070, 1106, 1107, 1200, 1210, 1230, 1240, 1300, 1310, 1320, 1330, 1340, 1350, 1360, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1500, 1510, 1520, 1530, 1540, 1550, 1560</td>
<td>03</td>
<td>Computer and Mathematical Occupations</td>
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<tr>
<td>01</td>
<td>02</td>
<td>Management Occupations</td>
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<tr>
<td>06</td>
<td>07</td>
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<td>Legal Occupations</td>
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<tr>
<td>10</td>
<td>11</td>
<td>Education, Training, and Library Occupations</td>
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<td>13</td>
<td>Arts, Design, Entertainment, Sports and Media Occupations</td>
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<td>18</td>
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<td>Farming, Fishing, and Forestry Occupations</td>
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<td>Construction and Extraction Occupations</td>
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<td>32</td>
<td>33</td>
<td>Installation, Maintenance, and Repair Occupations</td>
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9800, 9810, 9820, 9830, 9840
9997
9998 and all other codes not listed
9999

21 Production Occupations

22 Transportation and Material Moving Occupations

23 Military Specific Occupations

97 Refused, classified
98 Not ascertained
99 Don't know

<Blank: Not in Universe>

Note: OCCUPN1's 94 distinct categories and OCCUPN2's 23 categories are derived from the 2000 New SOC Occupation Subgroups and Major Occupation Groups, respectively, as determined by the U.S. Census Bureau and the Bureau of Labor Statistics. For additional supplemental information on these Occupation Groups and Subgroups, please see ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/SOC_Major_Groups.pdf
**AAU Appendix**

Beginning in 2011 and continuing in Quarter 1 of 2012, the NHIS included a series of questions about emergency room (ER) visits for all sample adults who had at least one ER visit in the past year which did not result in a hospital admission. In Quarters 2-4 of 2012, the universe for these questions was changed to include all sample adults whether or not a hospital admission resulted from the ER visit.

Since there were no changes to the questions or answer codes, the names of the questions did not change. However, since the new universe was implemented, the eight original variables, AERREAS1-AERREAS8, were renamed AERREA1R-AERREA8R.

The final data file will contain both the original and the new variables for all four quarters of 2012. However, the original variables contain data only for Quarter 1, when the questions with the original universe were fielded. The original variables are blank for the Quarters 2-4, when the questions with the new universe were fielded. Similarly, the new variables contain data only for Quarters 2-4, when the questions with the new universe were fielded. The new variables are blank for Quarter 1, when the questions with the original universe were fielded.