Question ID:  IDN.000_00.000  
Instrument Variable Name: 
Final Documentation Name: RECTYPE

Record Type

Universe:
Description:
Sources: None
Recodes: None
Keywords: None
Notes: None

File type identifier

10 Household
20 Person
25 Income Imputation
30 Sample Adult
38 Functioning and Disability
40 Sample Child
60 Family
63 Family Disability Questions
65 Paradata
70 Injury/Poisoning Episode
75 Injury/Poisoning Verbatim

Question ID:  IDN.000_02.000  
Instrument Variable Name: 
Final Documentation Name: SRVY_YR

Survey Year

Universe:
Description:
Sources: None
Recodes: None
Keywords: None
Notes: None

Year of National Health Interview Survey

Year    Survey Year
<table>
<thead>
<tr>
<th>Question ID: IDN.000_04.000</th>
<th>Instrument Variable Name:</th>
<th>Final Documentation Name: HHX</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Household Number</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universe:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description:</td>
<td>All households</td>
<td></td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Keywords:</td>
<td>household number</td>
<td></td>
</tr>
<tr>
<td>Notes:</td>
<td>Use this variable in combination with SRVY_YR to identify individual households.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question ID: IDN.000_25.000</th>
<th>Instrument Variable Name:</th>
<th>Final Documentation Name: INTV_QRT</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Interview Quarter</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universe:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description:</td>
<td>All households</td>
<td></td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Keywords:</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>Notes:</td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Interview Quarter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1   Quarter 1</td>
</tr>
<tr>
<td>2   Quarter 2</td>
</tr>
<tr>
<td>3   Quarter 3</td>
</tr>
<tr>
<td>4   Quarter 4</td>
</tr>
</tbody>
</table>
Question ID: IDN.000_30.000
Instrument Variable Name: INTV_MON
Final Documentation Name: INTV_MON

Interview Month

Universe: All households

Sources: None
Recodes: None
Keywords: interview month
Notes: None

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

Question ID: IDN.000_35.000
Instrument Variable Name: FMX
Final Documentation Name: FMX

Family Number

Universe: All families

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

Family Number

01-25 Family number 1 - 25
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Identification Fields
PUBLIC USE
Document Version Date: 28-May-14

**Question ID:** IDN.000_40.000
Instrument Variable Name: FPX
Final Documentation Name: FPX

**Person Number**

Universe: 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)**

01-25 Person number 1 thru 25

**Question ID:** IDN.000_65.000
Instrument Variable Name: WTIA_SA
Final Documentation Name: WTIA_SA

Universe:

Sources: None
Recodes: None
Keywords: None
Notes: Format of data has an implied decimal (XXXXXXXX.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
### Weight - Final Annual

**Question ID:** IDN.000_70.000  
**Instrument Variable Name:**  
**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.

### Region

<table>
<thead>
<tr>
<th>Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
</tbody>
</table>
### Question ID: UCF.000_00.000 R15 RECODE

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

**Universe:** All

**Description:** All records

**Sources:** None

**Recodes:** None

**Keywords:** None

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

---

Pseudo-stratum for public use file variance estimation

001-300 001-300

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

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

**Universe:** All

**Description:** All records

**Sources:** None

**Recodes:** None

**Keywords:** None

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

---

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/Spainish" 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Multiple Hispanic</td>
</tr>
<tr>
<td>01</td>
<td>Puerto Rico</td>
</tr>
<tr>
<td>02</td>
<td>Mexican</td>
</tr>
<tr>
<td>03</td>
<td>Mexican-American</td>
</tr>
<tr>
<td>04</td>
<td>Cuban/Cuban American</td>
</tr>
<tr>
<td>05</td>
<td>Dominican (Republic)</td>
</tr>
<tr>
<td>06</td>
<td>Central or South American</td>
</tr>
<tr>
<td>07</td>
<td>Other Latin American, type not specified</td>
</tr>
<tr>
<td>08</td>
<td>Other Spanish</td>
</tr>
<tr>
<td>09</td>
<td>Hispanic/Latino/Spanish, non-specific type</td>
</tr>
<tr>
<td>10</td>
<td>Hispanic/Latino/Spanish, type refused</td>
</tr>
<tr>
<td>11</td>
<td>Hispanic/Latino/Spanish, type not ascertained</td>
</tr>
<tr>
<td>12</td>
<td>Not Hispanic/Spanish origin</td>
</tr>
<tr>
<td>OMB groups w/multiple race</td>
<td></td>
</tr>
<tr>
<td>----------------------------</td>
<td>---</td>
</tr>
<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>

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.
<table>
<thead>
<tr>
<th>Question ID:</th>
<th>HHC.200_01.000</th>
<th>R21 RECODE</th>
<th>Instrument Variable Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Final Documentation Name: MRACRPI2</td>
</tr>
</tbody>
</table>

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

Universe: AGE = All
Description: All persons

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

Race coded to single/multiple race group

01 White
02 Black/African American
03 Indian (American) (includes Eskimo, Aleut)
06 Chinese
07 Filipino
12 Asian Indian
16 Other race*
17 Multiple race, no primary race selected

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

00 Under 1 year
01-84 1-84 years
85 85+ years
**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

**Question ID:** AID.005_00.000  
**Instrument Variable Name:** SADULT  
**Final Documentation Name:** PROXYSA

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** Category 3 (unknown sample adult proxy status) includes a relatively small number of cases that were unknown plus several hundred cases that were blank. Blanks were partially completed sample adult interviews, and most of the cases were category 2 rather than category 1. The number of partially completed interviews and the number of blanks on PROXYSA is higher in 2005 due to the Cancer supplement that was appended to the sample adult interview.

**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.

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

Knowledgeable proxy for Sample Adult available

<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>
</tbody>
</table>

What is this person's relationship to [fill: ALIAS of Sample Adult]?  

Universe: PROX1 = '1'

Description: Knowledgeable proxy is available.

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

Relationship of SA proxy to SA

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Relative who lives in household</td>
</tr>
<tr>
<td>2</td>
<td>Relative who doesn't live in household</td>
</tr>
<tr>
<td>3</td>
<td>Other caregiver</td>
</tr>
<tr>
<td>4</td>
<td>Other</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: AID.550_00.000  
Instrument Variable Name: LATEINTA

Universe:
Description: Generated variable: Sample Adult cases

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

Late Sample Adult interviews

1. Started Sample Adult Core 2+ weeks after the initial interview
2. Started Sample Adult Core less than 2 weeks after the initial interview

Question ID: FDB.001_00.000  
Instrument Variable Name: FDRN_FLG

Universe:
Description:

Sources: None
Recodes: None
Keywords: Disability Questions; flag
Notes: This variable indicates whether the family was selected to receive the Family Disability (FDB; all persons 1 year and older) section. Sample adults in families with a value of 2 for FDRN_FLG were also selected to receive the AFD (Adult Functioning and Disability) section.

Disability Questions flag

1. Families selected to receive AFD (sample adults) section
2. Families selected to receive FDB (all persons 1 year and older) section
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 DOINGLW1, 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
6. Refused
7. Not ascertained
8. 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
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.

---

**Question ID:** ASD.066_00.000  
**Instrument Variable Name:** EVERWRK  
**Final Documentation Name:** EVERWRK

---

**Question ID:** ASD.080_00.000 R05 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** INDSTRN1

---

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

All Values  
See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels.
Question ID: ASD.080_00.000  R06  RECODE  
Instrument Variable Name:  
Final Documentation 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-informed 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  R05  RECODE  
Instrument Variable Name:  
Final Documentation 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-informed codes from Census)

All Values  
See Occupation Appendix at the end of the Sample Adult documentation for response categories and labels.
**Question ID:** ASD.090_00.000  
**Instrument Variable 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.

---

**Question ID:** ASD.110_00.000  
**Instrument Variable 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 ne '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

Instrument Variable Name: BUSINC

Final Documentation Name: BUSINC1A

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
[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

01 1-9 employees
02 10-24 employees
03 25-49 employees
04 50-99 employees
05 100-249 employees
06 250-499 employees
07 500-999 employees
08 1000 employees or more
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** ASD.140_02.000  
**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:** WRKLNGSA  
**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**

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<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>Less than 1 year</td>
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<tr>
<td>01-34</td>
<td>01-34 years</td>
</tr>
<tr>
<td>35</td>
<td>35 or more years</td>
</tr>
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<tr>
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<tr>
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</table>

**Question ID:** ASD.146_00.000  
**Instrument Variable Name:** WRKLONGH  
**Final Documentation Name:** WRKLONGH

**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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<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>
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</table>
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
### Paid sick leave at current or most recent job

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
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<tbody>
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<td>8</td>
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<td>9</td>
<td>Don't know</td>
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</table>

**Question ID:** ASD.160_00.000  
**Instrument Variable Name:** PDSICK  
**Final Documentation Name:** PDSICKA

### Do you have more than one job or business?

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

**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
### 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 has been in the ASD section since 2010.

<table>
<thead>
<tr>
<th>Work status: last week, past 12 months</th>
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<tbody>
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</table>

### 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

**Sources:** None

**Recodes:** None

**Keywords:** circulatory disease; hypertension; high blood pressure

**Notes:** None

<table>
<thead>
<tr>
<th>Ever been told you have hypertension</th>
</tr>
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<tbody>
<tr>
<td>1</td>
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<td>7</td>
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</tbody>
</table>
Question ID: ACN.020_00.000
Instrument Variable Name: HYPDIFV
Final Documentation Name: HYPDIFV

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

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: HYPYR1

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

*Enter '1' if respondent is taking medication to control his/her high blood pressure.

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

Description: Sample adults 18+ who were ever told they had hypertension and were told they had hypertension on 2+ visits

Sources: None
Recodes: None
Keywords: hypertension; high blood pressure
Notes: A version of this variable appeared in 2012 in the Adult Conditions Section (ACN) on the Sample Adult file (HYPYR, ACN.020_00.010), but did not account for adults who were taking medication to control high blood pressure.

Had hypertension, past 12 months

1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

Question ID: ACN.025_00.010  Instrument Variable Name: CHLYR
Final Documentation Name: CHLYR1

DURING THE PAST 12 MONTHS, have you had high cholesterol?
*Enter '1' if respondent is taking medication to control his/her 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

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

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; angina

Notes: None

Ever been told you had angina pectoris

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 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
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult: Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

**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

<table>
<thead>
<tr>
<th>Ever been told you had a heart condition/disease</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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</table>

**Question ID:** ACN.031_05.000

**Instrument Variable Name:** STREV

**Final Documentation Name:** STREV

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

<table>
<thead>
<tr>
<th>Ever been told you had a stroke</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</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...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
Question ID: ACN.040_00.010
Instrument Variable Name: ASPMEDEV
Final Documentation Name: ASPMEDEV

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.”

Universe: ASTATFLG='1' and (AGE GE '040' and AGE not IN('997','999'))

Description: Sample adults 40+

Sources: None
Recodes: None
Keywords: low-dose aspirin; heart disease
Notes: None

Ever been told to take low-dose aspirin

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

Question ID: ACN.040_00.020
Instrument Variable Name: ASPMEDAD
Final Documentation Name: ASPMEDAD

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.”

Universe: ASTATFLG='1' and (AGE GE '040' and AGE not IN('997','999')) and ASPMEDEV ='1'

Description: Sample adults 40+ who have ever been advised to take a low-dose aspirin every day to prevent or control heart disease

Sources: None
Recodes: None
Keywords: low-dose aspirin; heart disease
Notes: None

Following low-dose aspirin advice

1    Yes
2    No
7    Refused
8    Not ascertained
9    Don’t know
**2013 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult

samadult : Adult Conditions

PUBLIC USE

Document Version Date: 28-May-14

---

**Question ID:** ACN.040_00.030  
**Instrument Variable Name:** ASPMDDMED  
**Final Documentation Name:** ASPMDDMED

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** low-dose aspirin; heart aspirin  
**Notes:** None

Advised to stop taking low-dose aspirin

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<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>
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</table>

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**Question ID:** ACN.040_00.040  
**Instrument Variable Name:** ASPONOWN  
**Final Documentation Name:** ASPONOWN

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** low-dose aspirin; heart disease  
**Notes:** None

Taking low-dose aspirin on own

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<tbody>
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<td>1</td>
<td>Yes</td>
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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>
</tr>
</tbody>
</table>
Have you EVER been told by a doctor or other health professional that you had asthma?

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; 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?

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 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
Question ID: ACN.100_00.010
Instrument Variable Name: AASMHSP
Final Documentation Name: AASMHSP1

DURING THE PAST 12 MONTHS, have you stayed overnight in a hospital because of asthma?

*If in hospital for asthma AND other reasons, enter '1'.

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

Description: Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months

Sources: None
Recodes: None
Keywords: respiratory disease; asthma; asthma emergency; asthma hospital
Notes: A version of this variable appeared in 2008 in the Adult Conditions Section (ACN) on the Sample Adult file (AASMHSP, ACN.100_00.010), but was not asked of adults who still had asthma.

Had stayed overnight in hospital due to asthma, past 12 m

<table>
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<tr>
<th>No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<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>
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<td>Don't know</td>
</tr>
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</table>

Question ID: ACN.100_00.030
Instrument Variable Name: AWZMSWK
Final Documentation Name: AWZMSWK1

DURING THE PAST 12 MONTHS, HOW MANY DAYS were you UNABLE to [fill1: work/get work done around the house] because of your asthma?

*Enter '0' for none.

*Enter '996' if respondent is unable to do this activity.

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

Description: Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months

Sources: None
Recodes: None
Keywords: asthma; work absence
Notes: A version of this variable appeared in 2008 in the Adult Conditions Section (ACN) on the Sample Adult file (AWZMSWK, ACN.100_00.030), but was not asked of adults who still had asthma.

# Work days missed due to asthma, past 12 mo.

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<th>No.</th>
<th>Description</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>001-365</td>
<td>1-365 days</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this 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>
Now I'm going to ask you about two different kinds of ASTHMA medicine. One prevents symptoms over the long term. The other is for quick relief of symptoms during an attack or episode. This quick relief medicine is breathed in through your mouth using a canister inhaler or a disk inhaler.

**DURING THE PAST 3 MONTHS**, have you used the kind of PRESCRIPTION asthma inhaler that gives QUICK relief from asthma symptoms during an attack? Include only medications prescribed by a health care professional.

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

**Description:** Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** respiratory disease; asthma; asthma emergency; inhaler

**Notes:** A version of this variable appeared in 2008 in the Adult Conditions Section (ACN) on the Sample Adult file (AASMPMED, ACN.100_00.060), but was only asked of adults who had ever used a prescription inhaler.

**Used oral inhaler, past 3 mo**

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
**Question ID:** ACN.100_00.065  
**Instrument Variable Name:** AASMTYP  
**Final Documentation Name:** AASMTYP

When you take your rescue prescription asthma medication, would you say that you most often use an inhaler and/or disk, or do you most often use a nebulizer?

*Read if necessary: Both an inhaler or a disk inhaler are very portable canisters or devices used to inhale medication in one or two breaths. A nebulizer is a machine that turns liquid medication into a mist that you inhale into the lungs over a few minutes*

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

**Description:** Sample adults 18+ who have used a quick relief prescription asthma inhaler in the past three months

**Sources:** None  
**Recodes:** None  
**Keywords:** respiratory disease; asthma; asthma emergency; inhaler; nebulizer  
**Notes:** None

<table>
<thead>
<tr>
<th>Type of rescue prescription asthma medication</th>
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<tr>
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**Question ID:** ACN.100_00.070  
**Instrument Variable Name:** AASMCAN  
**Final Documentation Name:** AASMCAN1

**DURING THE PAST 3 MONTHS, did you use more than three canisters or disks of this type of quick relief inhaler?**

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

**Description:** Sample adults 18+ who have used a prescription asthma inhaler/disk most often in the past three months

**Sources:** None  
**Recodes:** None  
**Keywords:** respiratory disease; asthma; asthma emergency; inhaler  
**Notes:** A version of this variable appeared in 2008 in the Adult Conditions Section (ACN) on the Sample Adult file (AASMCAN, ACN.100_00.070), but was only asked of adults who had used a prescription inhaler that gives quick relief from asthma symptoms in the past 3 months.

<table>
<thead>
<tr>
<th>Used more than 3 canisters of mouth inhaler, past 3 mo</th>
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</table>
The second kind of asthma medication is different from inhalers used for quick relief. It is the preventive kind that is used to protect your lungs and keep you from having attacks. It can be either a pill or an inhaler.

Are you NOW taking a preventive asthma medication every day or almost every day, less often, or never?

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

Description: Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months

Sources: None
Recodes: None
Keywords: respiratory disease; asthma; asthma emergency; medication
Notes: None

Taking preventive asthma medication

1 Every day or almost every day
2 Less often
3 Never
7 Refused
8 Not ascertained
9 Don't know

An asthma action plan is a printed form with specific instructions based on your asthma that tells when to change the amount or type of medicine, when to call the doctor for advice, and when to go to the emergency room.

Has a doctor or other health professional EVER given you an asthma action plan?

*Read if necessary: Include nurses and asthma educators.

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

Description: Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months

Sources: None
Recodes: None
Keywords: respiratory disease; asthma; trouble breathing
Notes: A version of this variable appeared in 2008 in the Adult Conditions Section (ACN) on the Sample Adult file (AASWMP, ACN.100_00.100), but had a different question wording.

Given asthma action plan

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Have you ever taken a course or class on how to manage asthma yourself?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not in ('997','999')) and (AASSTILL='1' or AASMYR='1')

**Description:**  
Sample adults 18+ who still have asthma or who had asthma attack in past 12 months

**Question ID:** ACN.100_00.110  
**Instrument Variable Name:** AASCLASS  
**Final Documentation Name:** AASCLASS

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

### Has a doctor or other health professional EVER taught you...

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

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not in ('997','999')) and (AASSTILL='1' or AASMYR='1')

**Description:**  
Sample adults 18+ who still have asthma or who had asthma attack in past 12 months

**Question ID:** ACN.105_01.010  
**Instrument Variable Name:** AAS_REC  
**Final Documentation Name:** AAS_REC

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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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</tbody>
</table>
**Question ID:** ACN.105_02.020  
**Instrument Variable Name:** AAS_RES  
**Final Documentation Name:** AAS_RES

*Read if necessary: Has a doctor or other health professional EVER taught you

...how to respond to episodes of asthma?

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

**Description:** Sample adults 18+ who still have asthma or who had asthma attack in past 12 months

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

Taught how to respond to asthma episode

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

**Question ID:** ACN.105_03.030  
**Instrument Variable Name:** AAS_MON  
**Final Documentation Name:** AAS_MON

*Read if necessary: Has a doctor or other health professional EVER taught you

...how to monitor peak flow for daily therapy?

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

**Description:** Sample adults 18+ who still have asthma or who had asthma attack in past 12 months

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

Taught how to monitor peak flow for daily therapy

1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know
2013 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult: Adult Conditions  
PUBLIC USE  
Document Version Date: 28-May-14

<table>
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**Has a doctor or other health professional EVER advised you to change things in your home, school, or work environment to improve your asthma?**

Universe: 
\[
\text{ASTATFLG} = '1' \land (\text{AGE} \geq '018') \land \neg (\text{AGE} \in ('997','999')) \land (\text{AASSTILL}=\text{'1')} \lor (\text{AASMYR}=\text{'1'})
\]

Description: Sample adults 18+ who still have asthma or who had asthma attack in past 12 months

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

Ever advised to change environment for asthma

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<td>Yes</td>
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<td>2</td>
<td>No</td>
</tr>
<tr>
<td>3</td>
<td>Was told no changes needed</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
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<th>Question ID: ACN.107_00.020</th>
<th>Instrument Variable Name: AAROUTIN</th>
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**DURING THE PAST 12 MONTHS, how many times did you see a doctor or other health professional for a routine checkup for your asthma? Please do not include emergency room visits, visits to urgent care centers, or other visits for acute care for an asthma episode or attack.**

*Enter '0' for none.*

Universe: 
\[
\text{ASTATFLG} = '1' \land (\text{AGE} \geq '018') \land \neg (\text{AGE} \in ('997','999')) \land (\text{AASSTILL}=\text{'1')} \lor (\text{AASMYR}=\text{'1'})
\]

Description: Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months

| Sources: None |
| Recodes: None |
| Keywords: respiratory disease; asthma; doctor visit |
| Notes: None |

Routine checkup for your asthma, past 12 m

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<td>1-365 times</td>
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<td>997</td>
<td>Refused</td>
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<tr>
<td>998</td>
<td>Not ascertained</td>
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<tr>
<td>999</td>
<td>Don’t know</td>
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</tbody>
</table>
The next three questions are about the last time you saw a doctor or other health care professional for routine care or for any reason.

At your last visit, did your doctor or other health professional ask HOW OFTEN

....you had asthma symptoms?

| Universe:    | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AASSTILL='1' or AASMYR='1') |
| Description: | Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months |

| Sources:          | None |
| Recodes:          | None |
| Keywords:         | respiratory disease; asthma; doctor |
| Notes:            | None |

Last doctor visit, asked how often...had asthma symptoms

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<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>Don’t know</td>
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At your last visit, did your doctor or other health professional ask HOW OFTEN

....you used a quick relief inhaler?

| Universe:    | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AASSTILL='1' or AASMYR='1') |
| Description: | Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months |

| Sources:          | None |
| Recodes:          | None |
| Keywords:         | respiratory disease; asthma; doctor |
| Notes:            | None |

Last doctor visit, asked how often...used quick relief inhaler

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<td>Don’t know</td>
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</table>
At your last visit, did your doctor or other health professional ask HOW OFTEN

...asthma symptoms limited your daily activities?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AASSTILL='1' or AASMYR='1')
Description: Sample adults 18+ who still have asthma or who had asthma episode/attack in past 12 months

Last doctor visit, asked how often...asthma symptoms limited activity

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

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

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<td>8</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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**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 '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

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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>
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
### Question ID: ACN.140_03.000
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND3

**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

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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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### Question ID: ACN.140_04.000
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND4

**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

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<td>7</td>
<td>Refused</td>
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<td>8</td>
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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

Question ID: ACN.140_05.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND5

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

Question ID: ACN.140_06.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND6

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).

What kind of cancer ... Colon

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

**Question ID:** ACN.140_08.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND8

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).

What kind of cancer ... Esophagus

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.140_09.000

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; 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

Question ID: ACN.140_10.000

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; 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
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

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
**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

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<tbody>
<tr>
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<td>Not mentioned</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don't know</td>
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**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

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What kind of cancer was it?

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

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 $\text{CANKIND}_1$ 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

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What kind of cancer was it?

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

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 $\text{CANKIND}_1$ 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

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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

Question ID: ACN.140_17.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND17

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

Question ID: ACN.140_18.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND18

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
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; 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

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</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= '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

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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
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

---

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
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
Question ID: ACN.140_27.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND27

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).

What kind of cancer ... throat - pharynx

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

Question ID: ACN.140_28.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND28

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; 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).

What kind of cancer ... Thyroid

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
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
Instrument Variable Name: CANKIND_4
Final Documentation Name: CNKIND31

**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 ' ' |
| 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
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE1

**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 |
2013 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Conditions  
PUBLIC USE  
Document Version Date: 28-May-14

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

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

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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

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**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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<td>99</td>
<td>Don't know</td>
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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**

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<tr>
<td>99</td>
<td>Don't know</td>
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</table>
Question ID: ACN.150_08.000

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.

Age first diagnosed w/esophageal cancer

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<td>85+ years</td>
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<tr>
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<td>Don't know</td>
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Question ID: ACN.150_09.000

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.

Age first diagnosed w/gallbladder cancer

<table>
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<th>Age</th>
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<tbody>
<tr>
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<td>1-84 years</td>
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<tr>
<td>85</td>
<td>85+ years</td>
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<tr>
<td>97</td>
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Question ID: ACN.150_10.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE10

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

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<tbody>
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Question ID: ACN.150_11.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE11

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

<table>
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Question ID: ACN.150_12.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE12

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
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE13

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
### 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.

#### Age first diagnosed w/lung cancer

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### 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.

#### Age first diagnosed w/lymphoma

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<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 CNKIND16 = '1'

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

**Sources:**
None

**Recodes:**
None

**Keywords:**
onset; cancer; melanoma 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/melanoma**

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<tbody>
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<td>Not ascertained</td>
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<tr>
<td>99</td>
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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 CNKIND17 = '1'

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

**Sources:**
None

**Recodes:**
None

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

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<tbody>
<tr>
<td>01-84</td>
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### How old were you when cancer was first diagnosed?

**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.

**Age first diagnosed w/ovarian cancer**

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<tr>
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### How old were you when cancer was first diagnosed?

**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.

**Age first diagnosed w/pancreatic cancer**

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<th>Description</th>
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<tr>
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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

Question ID: ACN.150_20.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE20

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

Sources: None
Recodes: None
Keywords: onset; cancer; prostatic 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/prostate cancer
01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know

Question ID: ACN.150_21.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE21

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

Sources: None
Recodes: None
Keywords: onset; cancer; rectal 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/rectal cancer
01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

Question ID: ACN.150_22.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE22

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>Age</th>
<th>Description</th>
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<tbody>
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Question ID: ACN.150_23.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE23

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>
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<th>Age</th>
<th>Description</th>
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<tbody>
<tr>
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Question ID: ACN.150_24.000  Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE24

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

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Question ID: ACN.150_25.000  Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE25

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

<table>
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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 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

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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

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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

Question ID: ACN.150_28.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE28

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

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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

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**Question ID:** ACN.150_30.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE30

**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.

<table>
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**Question ID:** ACN.160_00.000  
**Instrument Variable Name:** DIBEV  
**Final Documentation Name:** DIBEV

**[If Female, Other than during pregnancy] Have you EVER 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**

| 1 | Yes |
| 2 | No  |
| 3 | Borderline |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
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

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**Ever had prediabetes or other symptoms**

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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>

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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)

---

**Age first diagnosed w/diabetes**

<p>| | |</p>
<table>
<thead>
<tr>
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</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>
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</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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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
**Question ID:** ACN.190_00.000

**Instrument Variable Name:** DIBPILL

**Final Documentation Name:** DIBPILL

**Question:** 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)

**Sources:** None

**Recodes:** None

**Keywords:** diabetes; sugar; oral medication

**Notes:** None

NOW taking diabetic pills

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</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:** ACN.192_00.010

**Instrument Variable Name:** EPILEP1

**Final Documentation Name:** EPILEP1

**Question:** Have you ever been told by a doctor or other health professional that you have a seizure disorder or epilepsy?

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

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** epilepsy; seizure disorder

**Notes:** None

Ever been told you had seizure order/epilepsy

<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>
**2013 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
**samadult : Adult Conditions**  
**PUBLIC USE**  
**Document Version Date: 28-May-14**

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<th>ACN.192_00.020</th>
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<th>EPILEP2</th>
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<tbody>
<tr>
<td><strong>Final Documentation Name:</strong></td>
<td>EPILEP2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Are you currently taking any medicine to control your seizure disorder or epilepsy?**

<table>
<thead>
<tr>
<th><strong>Universe:</strong></th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and EPILEP1='1'</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>Sample adults 18+ who have ever been told they have epilepsy or a seizure disorder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Sources:</strong></th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Keywords:</strong></td>
<td>epilepsy; seizure disorder; medication</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

**Now taking epilepsy meds**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Today is [fill: Current Date]. Think back to last year about the same time. About how many seizures of any type have you had in the past year?

*Read if necessary: Some people may call it “convulsion,” “fit,” “falling out spell,” “episode,” “attack,” “drop attack,” “staring spell,” or “out-of-touch.”.

*If the respondent mentions and counts “auras” as seizures accept the response. If a respondent indicates that he/she has had nothing more than an aura and is unsure about counting the aura(s), do NOT count auras as seizures.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and EPILEP1='1'

Description: Sample adults 18+ who have ever been told they have epilepsy or a seizure disorder

<table>
<thead>
<tr>
<th># Seizures past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
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<tr>
<td>4</td>
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<tr>
<td>7</td>
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<tr>
<td>8</td>
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<tr>
<td>9</td>
</tr>
</tbody>
</table>
In the past year have you seen a neurologist or epilepsy specialist for your epilepsy or seizure disorder?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and EPILEP1='1'

Description: Sample adults 18+ who have ever been told they have epilepsy or a seizure disorder

Sources: None
Recodes: None
Keywords: epilepsy; seizure disorder
Notes: None

Seen neurologist/specialist past 12 m

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

DURING THE PAST 30 DAYS, to what extent has epilepsy or its treatment interfered with your normal activities like working, school, or socializing with family or friends? Would you say…

*Read categories below.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and EPILEP1='1'

Description: Sample adults 18+ who have ever been told they have epilepsy or a seizure disorder

Sources: None
Recodes: None
Keywords: epilepsy; seizure disorder
Notes: None

Epilepsy interfered w/ activities past 30 d

1. Not at all
2. Slightly
3. Moderately
4. Quite a bit
5. Extremely
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?

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?

Told that you had sinusitis, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Question ID: ACN.201_03.000

**Instrument Variable Name:** CBRCHYR  
**Final Documentation Name:** CBRCHYR

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** respiratory condition; chronic bronchitis  
**Notes:** None

| Told you had chronic bronchitis, 12 m |  
|-------------------------------------|---|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

### Question ID: ACN.201_04.000

**Instrument Variable Name:** KIDWKYR  
**Final Documentation Name:** KIDWKYR

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** renal disease; nephritis; kidney disease  
**Notes:** None

| 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

Sources: None

Recodes: None

Keywords: liver condition; cirrhosis of liver

Notes: None

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).

Which joint affected...shoulder-right

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: 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

**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). |

<table>
<thead>
<tr>
<th>Which joint affected...elbow-right</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<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>
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</tbody>
</table>

### Question ID: ACN.260_04.000

**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). |

<table>
<thead>
<tr>
<th>Which joint affected...elbow-left</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<tr>
<td>7</td>
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<td>9</td>
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Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

**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**

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

**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
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samadult : Adult Conditions
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Document Version Date: 28-May-14

Question ID: ACN.260_07.000
Instrument Variable Name: JMHTP1-JMHTP17
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 JMHTP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMHTP1-17 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: JMHTP1-JMHTP17
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 JMHTP had a '97' or '99' (Refused or Don't Know) response, all of the expanded JMHTP1-17 variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

Which joint affected...wrist-left

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

---

**Question ID:** ACN.260_10.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP10

### 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).

Which joint affected...knee-left  
1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know
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**Question ID:** ACN.260_11.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP11

**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).

Which joint affected...ankle-right

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

**Question ID:** ACN.260_12.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP12

**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?

**Question ID:** ACN.260_13.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP13

#### 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).

<table>
<thead>
<tr>
<th>Which joint affected...toes-right</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Mentioned</td>
<td></td>
</tr>
<tr>
<td>2 Not mentioned</td>
<td></td>
</tr>
<tr>
<td>7 Refused</td>
<td></td>
</tr>
<tr>
<td>8 Not ascertained</td>
<td></td>
</tr>
<tr>
<td>9 Don't know</td>
<td></td>
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</tbody>
</table>

### Which joints are affected?

**Question ID:** ACN.260_14.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP14

#### 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 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).

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

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: 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
**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

**Question ID:** ACN.260_17.000

**Instrument Variable Name:** JMTHP1-17

**Final Documentation Name:** JMTHP17

---

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

**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:** arthritis; rheumatism; musculo-skeletal disease; diseased joints; joint symptoms

**Notes:** None

### Joint symptoms begin more than 3 months ago

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

**Question ID:** ACN.270_00.000

**Instrument Variable Name:** JNTCHR

**Final Documentation Name:** JNTCHR
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

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?

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: arthritis; rheumatism; musculo-skeletal disease; diseased joints; joint symptoms
Notes: None

Ever seen doctor or health professional for joint symptoms

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

Question ID: ACN.290_00.000  Instrument Variable Name: ARTH
Final Documentation Name: ARTH1

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
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 28-May-14

**Question ID:** ACN.295_00.000

**Instrument Variable Name:** ARTHLMT

**Final Documentation Name:** ARTHLMT

*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

---

**Question ID:** ACN.300_00.000

**Instrument Variable Name:** PAINECK

**Final Documentation Name:** PAINECK

*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

**Sources:** None

**Recodes:** None

**Keywords:** neck pain; neck arthritis

**Notes:** None

Had neck pain, past 3 months

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

| Sources: None |
| Recodes: None |
| Keywords: low back pain; sciatica; intervertebral disc disorder |
| Notes: Refer to ACN.300 (PAINNECK) for question lead-in |

<table>
<thead>
<tr>
<th>Had low back pain, past 3 months</th>
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<tbody>
<tr>
<td>1</td>
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**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; intervertebral disc disorder |
| Notes: Refer to ACN.300 (PAINNECK) for question lead-in |

<table>
<thead>
<tr>
<th>Pain spread down leg/below knees</th>
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<td>1</td>
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</tbody>
</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

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<thead>
<tr>
<th>Had pain in jaw/front of ear, past 3 months</th>
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</table>

### Question ID: ACN.331_02.000

**Instrument Variable Name:** AMIGR  
**Final Documentation Name:** AMIGR

**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

<table>
<thead>
<tr>
<th>Had severe headache/migraine, past 3 m</th>
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</tbody>
</table>
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
**Question ID:** ACN.370_00.0000

**Instrument Variable Name:** PREGNOW

**Final Documentation Name:** PREGNOW

**Are you currently pregnant?**

**Universe:** ASTATFLG = '1' and ('018' <= 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

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
These next questions are about your hearing, vision, and teeth. Do you now use a hearing aid(s)?

**Question ID:** ACN.400_00.000  
**Instrument Variable Name:** HRAIDNOW  
**Final Documentation Name:** HRAIDNOW

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  
**Instrument Variable Name:** HRAIDEV  
**Final Documentation Name:** HRAIDEV

Have you ever used a hearing aid(s) in the past?

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

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

**Question ID:** ACN.420_00.000

**Instrument Variable Name:** AHEARST1

**Final Documentation Name:** AHEARST1

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

<table>
<thead>
<tr>
<th>Hearing w/o hearing aid</th>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>Excellent</td>
</tr>
<tr>
<td>2</td>
<td>Good</td>
</tr>
<tr>
<td>3</td>
<td>A little trouble hearing</td>
</tr>
<tr>
<td>4</td>
<td>Moderate trouble</td>
</tr>
<tr>
<td>5</td>
<td>A lot of trouble</td>
</tr>
<tr>
<td>6</td>
<td>Deaf</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:** ACN.430_00.000

**Instrument Variable Name:** AVISION

**Final Documentation Name:** AVISION

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+

Sources: None

Recodes: None

Keywords: vision trouble; seeing disability; visual acuity

Notes: None

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

Sources: None

Recodes: None

Keywords: blindness; vision impairment

Notes: None

Lost upper & lower natural teeth

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 your immune system is weakened?

*Read if necessary: A weakened immune system is also called immune compromised or immune suppressed. It means that you are not able to fight infections and is usually caused by an underlying illness or by various medical treatments or prescription medications.

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: Immunosuppression; immune compromised; weakened immune system
Notes: None

| Ever been told your immune system is weakened |
|---|---|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

Based on what a doctor or other health professional told you, do you still have a weakened immune system?

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

Description: Sample adults 18+ who have ever been told by a doctor/other health professional that they had a weakened immune system

Sources: None
Recodes: None
Keywords: Immunosuppression; immune compromised; weakened immune system
Notes: None

Still have weakened immune system

<table>
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<tr>
<th>Yes</th>
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<tr>
<td>No</td>
</tr>
<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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</table>
The next questions are about reasons a doctor or other health professional may have told you that your immune system was weakened. Please say yes or no to each.

**DURING THE PAST 6 MONTHS**, have you taken prescription medication or had any medical treatments that a doctor or other health professional told you would weaken your immune system? Examples include steroid or corticosteroid pills, such as prednisone, or other oral or injected medications for treating many types of autoimmune conditions or certain cancers.

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

**Description:** Sample adults 18+ who have ever been told by a doctor/other health professional that they had a weakened immune system

**Medications/treatments weakened your immune system, past 6 months**

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

**Do you currently have a health condition that a doctor or other health professional told you weakens the immune system, even without related medications or treatments?** Examples include certain kinds of leukemia, lymphoma, or HIV infection.

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

**Description:** Sample adults 18+ who have ever been told by a doctor/other health professional that they had a weakened immune system

**Current health condition weakens your immune system**

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

Question ID: AIS.010_00.050
Instrument Variable Name: AIMSPSHC
Final Documentation Name: AIMSPSHC

Has a doctor or other health professional EVER told you that your immune system is weakened because you have kidney disease, lung disease, liver disease, diabetes, poor nutrition, or general frailty?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AIMSUPEV='1'
Description: Sample adults 18+ who have ever been told by a doctor/other health professional that they had a weakened immune system

Sources: None
Recodes: None
Keywords: Immunosuppression; immune compromised; weakened immune system
Notes: None

Ever told your immune system is weakened due to kidney, lung, or liver disease, diabetes, poor nutrition or frailty
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: AIS.010_00.060
Instrument Variable Name: AIMSPCAN
Final Documentation Name: AIMSPCAN

Earlier you said you had {fill1: type of cancer from CANKIND_1, CANKIND_2, CANKIND_3, CANKIND_4 cancer}. Did a doctor or other health professional EVER tell you that your immune system is weakened because of {fill2: this cancer/these cancers}?

*Read if necessary: Please only respond yes if a doctor or health care professional told you the cancer weakens the immune system, even if you are not now having treatments or taking prescription medicines that weaken the immune system.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AIMSUPEV='1' and CANEV='1'
Description: Sample adults 18+ who have ever been told by a doctor/other health professional that they had a weakened immune system and have had one or more kinds of cancer

Sources: None
Recodes: None
Keywords: Immunosuppression; immune compromised; weakened immune system
Notes: None

Ever told your immune system is weakened due to cancer
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Has a doctor or other health professional EVER told you that your immune system is weakened because you seem to get many infections and colds or that you can't seem to get over them?

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

Description: Sample adults 18+ who have ever been told by a doctor/other health professional that they had a weakened immune system

Sources: None

Recodes: None

Keywords: Immunosuppression; immune compromised; weakened immune system

Notes: None

Ever told your immune system is weakened because of many infections, colds or can't seem to get over them.

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

During the PAST 12 MONTHS, that is, since {12-month ref. date}, 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

Sources: None

Recodes: None

Keywords: health indicators; illness; injury; work loss days

Notes: WRKLYR4 has the same response categories as WRKLYR3, the variable that determined the universe for WKDAYR in previous years. See Survey Description Document for more information.

Number of work loss days, past 12 months

000  None
001-366  1-366 days
997  Refused
998  Not ascertained
999  Don't know
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

**Question ID:** AHS.050_00.000
**Instrument Variable Name:** BEDDAYR
**Final Documentation Name:** BEDDAYR

**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

**Sources:** None
**Recodes:** None
**Keywords:** health indicators; illness; injury; bed days
**Notes:** None

Number of bed days, past 12 months

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<tr>
<td>000</td>
<td>None</td>
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<tr>
<td>001-366</td>
<td>1-366 days</td>
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<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
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<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**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

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<tr>
<td>1</td>
<td>Better</td>
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<td>2</td>
<td>Worse</td>
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<td>3</td>
<td>About the same</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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<tr>
<td>9</td>
<td>Don't know</td>
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</table>
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

**Keywords:** health problem; special equipment; assistive devices

**Notes:** None

**Question ID:** AHS.070_00.000

**Instrument Variable Name:** SPECEQ

**Final Documentation Name:** SPECEQ

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<td>No</td>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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</table>

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

**Keywords:** difficulty walking; special equipment; functional limitation

**Notes:** See Survey Description Document for more information.

**Question ID:** AHS.091_01.000

**Instrument Variable Name:** FLWALK

**Final Documentation Name:** FLWALK

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<td>Very difficult</td>
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<td>4</td>
<td>Can't do at all</td>
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<td>Do not do this activity</td>
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<td>7</td>
<td>Refused</td>
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**Question ID:** AHS091_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.

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**How difficult to climb 10 steps without special equipment**

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**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.

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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
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...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
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...Reach up over your head?

Universe: ASTATFLG = 'I' 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

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty grasping/handling objects; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to grasp small 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
**Question ID:** AHS.141_02.000  
**Instrument Variable Name:** FLCARRY  
**Final Documentation Name:** FLCARRY

**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.

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How difficult to lift/carry 10 lbs without special equipment
Question ID: AHS.141_03.000  
Instrument Variable Name: FLPUSH  
Final Documentation Name: FLPUSH

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

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty pushing/pulling; special equipment; functional limitation

Notes: See Survey Description Document for more information.

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?

The question is: 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)?

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Question ID: AHS.171_00.000
Instrument Variable Name: FLA1AR
Final Documentation Name: FLA1AR

Recode

Any functional limitation, all conditions

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**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 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; vision problem

**Notes:** See Survey Description Document for more information.

**Vision/problem seeing causes difficulty with activity**

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<td>9</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 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 FLSOCIAL 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 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

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHS.200_04.000
Instrument Variable Name: AFLHCA1-AFLHCA37
Final Documentation Name: AFLHCA4

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 FLCARRY IN ('1', '2', '3', '4') or

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; 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}?

**Question ID:** AHS.200_05.000  
**Instrument Variable Name:** AFLHCA1-AFLHCA37  
**Final Documentation Name:** AFLHCA5

**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 FLSTOOR 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 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; other injury

Notes: See Survey Description Document for more information.

Other 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 FLSIT 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 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; heart problem

Notes:  
See Survey Description Document for more information.

Heart 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: None
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; stroke
Notes: See Survey Description Document for more information.

Stroke problem causes difficulty with activity
1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don’t know
Question ID: AHS.200_09.000

Instrument Variable Name: AFLHCA1-AFLHCA37

Final Documentation Name: AFLHCA9

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 FLFAC IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOC 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; 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 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; pulling/pushing 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

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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 FRGRASP 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 FLSOCIL 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; lung/breathing problem; asthma; emphysema; respiratory allergy

**Notes:** See Survey Description Document for more information.

Lung/breathing problem (e.g., asthma and emphysema) 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 FLCARRY 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'))

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 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.)

Notes: See Survey Description Document for more information.

Birth defect causes difficulty with activity

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<td>9</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 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/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:   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 FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLPUSH 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; other developmental problem; cerebral palsy

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 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; senility; dementia; Alzheimer's

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: 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

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.)
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:  
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
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 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: 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.

Musculoskeletal/connective tissue 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: 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: 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.
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: 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.

Endocrine/nutritional/metabolic 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 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/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.)

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: 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.
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: 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.

Digestive system problem causes difficulty with activity

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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

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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 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; 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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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 FLSIT 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 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: 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

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**Question ID:** AHS.200_00.000

**Instrument Variable Name:**

**Final Documentation Name:** AFLHC28_

**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/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:** 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**

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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 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: 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.
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 FLSIT IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTAND 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; 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

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: 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

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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 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.
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

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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.)

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 FRWALK IN ('1', '2', '3', '4') or FLREST 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 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 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'))

**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.
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.)

Other impairment/problem (2) causes difficulty with activity

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

Notes: See the Survey Description Document for more information.
### 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:** ALDURA1; 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

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### 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 = '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:** 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>2</td>
<td>Week(s)</td>
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<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>
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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult: Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

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 = '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: 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

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.300_02.000 R02 RECODE
Instrument Variable Name: ALDURB1
Final Documentation Name: ALDURB1

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
Question ID: AHS.300_02.000  R03  RECODE  

Instrument Variable Name: 
Final Documentation Name: ALCHRC1

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

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<thead>
<tr>
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<td>2</td>
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<td>9</td>
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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>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
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<tr>
<td>95</td>
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<tr>
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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 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>
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<tr>
<td>01-84 years</td>
<td>01-84</td>
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<tr>
<td>85+ years</td>
<td>85</td>
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<td>Unknown number of years</td>
<td>96</td>
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<tr>
<td>Refused</td>
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</table>
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

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 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

1 Chronic
2 Not chronic
9 Unknown if chronic
**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**

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<tr>
<th>Units</th>
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**Question ID:** AHS.302_02.000
**Instrument Variable Name:** AHCL03T
**Final Documentation Name:** ALUNIT3

**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**

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<tr>
<th>Units</th>
<th>Description</th>
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<tbody>
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<td>9</td>
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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AHS.302_02.000  R01 RECODE

Instrument Variable Name:
Final Documentation Name: ALDURA3

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: ALDURB3; ALCHRC3

Keywords: functional limitation; arthritis/rheumatism

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 ALDURA3. See the Survey Description Document for more information.

Duration (in years) of arthritis/rheumatism, 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.302_02.000  R02 RECODE

Instrument Variable Name:
Final Documentation Name: ALDURB3

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: ALCHRC3

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:** AFLHCA3; ALDURB3

**Recodes:** ALCNDR; ALCHRONR

**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

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
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

<table>
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<th>Code</th>
<th>Duration</th>
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<tbody>
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<td>Week(s)</td>
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<td>Month(s)</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>

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: ALTIME4; ALUNIT4

Recodes: ALDURA4; ALDURB4; ALCHRC4

Keywords: functional limitation; back/neck 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 ALDURA4. See the Survey Description Document for more information.

Duration (in years) of back or neck problem, recode 1

<table>
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<tr>
<th>Code</th>
<th>Duration</th>
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<tbody>
<tr>
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<tr>
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<td>01-84 years</td>
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<td>85</td>
<td>85+ years</td>
</tr>
<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 back or neck problem?

Duration of back or neck 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

Back or neck problem condition status recode

1. Chronic
2. Not chronic
9. Unknown if chronic
### 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**

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<th>Notes</th>
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<td>1-94</td>
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<td>95+</td>
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</tr>
<tr>
<td>98</td>
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### Question ID: AHS.304_02.000

**Instrument Variable Name:** AHCL05T  
**Final Documentation Name:** ALUNIT5

**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**

<table>
<thead>
<tr>
<th>Days</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<td>Week(s)</td>
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Question ID: AHS.304_02.000  R01 RECODE  Instrument Variable Name:
Final Documentation Name: ALDURA5

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

Question ID: AHS.304_02.000  R02 RECODE  Instrument Variable Name:
Final Documentation Name: ALDURB5

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: See the Survey Description Document for more information.

Duration of fracture, bone/joint injury, 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 fracture, bone, or joint injury?**

**Universe:**  
ASTATFLG = 'I' 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:** AFLHCA5; ALDURB5

**Recodes:** ALCNDRT; ALCHRONR

**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

**How long have you had the {other (if AFLHCA=5)} injury that caused your limitation?**

**Universe:**  
ASTATFLG = 'I' 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

- 01-94 1-94
- 95 95+
- 96 Since birth
- 97 Refused
- 98 Not ascertained
- 99 Don't know
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

<p>| | |</p>
<table>
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<tbody>
<tr>
<td>1</td>
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<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>
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</tbody>
</table>

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

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<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>00</td>
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<tr>
<td>99</td>
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</table>
### 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:** 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.

<table>
<thead>
<tr>
<th>Duration of other injury, recode 2</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>

### Other injury condition status recode

| 1 | Chronic |
| 2 | Not chronic |
| 9 | Unknown if chronic |
How long have you had a heart problem?

Universe: $\text{ASTATFLG} = '1' \ \land \ (\text{AGE} \geq '018' \ \land \ \text{AGE} \not\in ('997','999')) \ \land \ \text{AFLHCA7} = '1'$

Description: Sample adults aged 18+ years with difficulty due to heart problem

Duration of heart problem: Number of units

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</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 heart problem?

Universe: $\text{ASTATFLG} = '1' \ \land \ (\text{AGE} \geq '018' \ \land \ \text{AGE} \not\in ('997','999')) \ \land \ \text{AFLHCA7} = '1'$

Description: Sample adults aged 18+ years with difficulty due to heart problem

Duration of heart problem: Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 D a y(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>
How long have you had a heart problem?

Duration (in years) of heart 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 heart problem?

Duration of heart 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>
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:** AFLHCA7; ALDURB7

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; heart problem

**Notes:** Condition was coded as chronic (ALCHRC7 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Heart problem condition status recode**

<table>
<thead>
<tr>
<th>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>Recode</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>
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<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.307_02.000

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

<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>

Question ID: AHS.307_02.000 R01 RECODE

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: 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

<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>
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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>
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</tbody>
</table>
Question ID: AHS.307_02.000  
R02 RECODE  
Instrument Variable Name: RECODE  
Final Documentation Name: ALDURB8

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:  
ALTIME8; ALUNIT8

Recodes:  
ALCHRC8

Keywords:  
functional limitation; stroke

Notes:  
See the Survey Description Document for more information.

Duration of stroke 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.307_02.000  
R03 RECODE  
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

1 Chronic
2 Not chronic
9 Unknown if chronic
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

**Question ID:** AHS.308_01.000  **Instrument Variable Name:** AHCL09N
**Final Documentation Name:** ALTIME9

**Question:** 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:** AHCL09N

**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

| 01-94 | 1-94 |
| 95    | 95+  |
| 96    | Since birth |
| 97    | Refused |
| 98    | Not ascertained |
| 99    | Don't know |

**Question ID:** AHS.308_02.000  **Instrument Variable Name:** AHCL09T
**Final Documentation Name:** ALUNIT9

**Question:** 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:** AHCL09T

**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

| 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 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

<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 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: See the Survey Description Document for more information.

Duration of hypertension or high blood pressure: 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 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

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
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: 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.

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: 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: ALTIME10; ALUNIT10

Recodes: ALDURB10; ALCHRC10

Keywords: functional limitation; diabetes

Notes: See the Survey Description Document for more information.
**Question ID:** AHS.309_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB10

**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:** ALTIME10; ALUNIT10

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; diabetes

**Notes:** See the Survey Description Document for more information.

**Duration of diabetes, 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.309_02.000  
**R03 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALCHRC10

**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**

<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.310_01.000  
Instrument Variable Name: AHCL11N  
Final Documentation Name: ALTIME11

**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**

<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>

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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**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<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>
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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>
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

<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>
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<tr>
<td>96</td>
<td>Unknown number of years</td>
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<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>
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AHS.310_02.000 R03 RECODE
Instrument Variable Name: ALCHRC11
Final Documentation Name: ALCHRC11

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: AFLHCA11; ALDURB11
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy
Notes: Condition was coded as chronic (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>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.311_01.000
Instrument Variable Name: AHCL12N
Final Documentation Name: ALTIME12

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

<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 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)
5. Since birth
6. Refused
7. Not ascertained
8. 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: 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

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 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

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 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: AFLHCA12; ALDURB12

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; cancer

Notes: Condition was coded as chronic (ALCHRC12 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Cancer condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
How long have you had a birth defect?

Universe: ASTATFLG = 'I' 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: AHCL13N

Recodes: ALDURA13; ALDURB13; ALCHRC13

Keywords: functional limitation; birth defect

Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of birth defect: 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 birth defect?

Universe: ASTATFLG = 'I' 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: \( \text{ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'} \)

Description: Sample adults aged 18+ years with difficulty due to birth defect

Sources: ALTIME13; ALUNIT13

Recodes: 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

<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 birth defect?

Universe: \( \text{ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'} \)

Description: Sample adults aged 18+ years with difficulty due to birth defect

Sources: ALTIME13; ALUNIT13

Recodes: ALDURB13

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>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 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:** AFLHCA13; ALDURB13

**Recodes:** ALCNDRT; 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.

<table>
<thead>
<tr>
<th>Birth defect condition status recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.312.02.000  
**Instrument Variable Name:** ALCHRC13

**Question ID:** AHS.313.01.000  
**Instrument Variable Name:** AHCL14N

**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.

<table>
<thead>
<tr>
<th>Duration of intellectual disability, also known as mental retardation: Number of units</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</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>
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</tbody>
</table>
**2013 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 28-May-14**

---

**Question ID:** AHS.313_02.000

**Instrument Variable Name:** AHCL14T

**Final Documentation Name:** AUNIT14A

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**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>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>

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**Question ID:** AHS.313_02.000 R01 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** ADURA14A

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**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>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>1-84 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>
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<td>99</td>
</tr>
</tbody>
</table>
Question ID: AHS.313_02.000   R02 RECODE   Instrument Variable Name:
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

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.313_02.000   R03 RECODE   Instrument Variable Name:
Final Documentation Name: ACHRC14A

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: ALHCA14a; ADURB14a
Recodes: ALCNDRT; 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 (ACHRC14a = '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

1  Chronic
2  Not chronic
9  Unknown if chronic
### How long have you had an other developmental problem (e.g., cerebral palsy)?

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

### How long have you had an other developmental problem (e.g., cerebral palsy)?

**Universe:**  
ASTATFLG = '1' and (AGE GE '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**

<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>
</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 an other developmental problem (e.g., cerebral palsy)?**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA15 = '1'

**Description:**
Sample adults aged 18+ years with difficulty due to other developmental problem

**Sources:**
ALTIME15; ALUNIT15

**Recodes:**
ALDURB15; ALCHRC15

**Keywords:**
functional limitation; other developmental problem; cerebral palsy

**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 ALDURA15. See the Survey Description Document for more information.

**Duration (in years) of other developmental problem (e.g., cerebral palsy), 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 other developmental problem (e.g., cerebral palsy)?**

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA15 = '1'

**Description:**
Sample adults aged 18+ years with difficulty due to other developmental problem

**Sources:**
ALTIME15; ALUNIT15

**Recodes:**
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), 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.314_02.000 R03 RECODE  
**Instrument Variable Name:** ALCHRC15  
**Final Documentation Name:** ALCHRC15

**How long have you had an other developmental problem (e.g., cerebral palsy)?**

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

**Other developmental problem (e.g., cerebral palsy) 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.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>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.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

<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>

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**Question ID:** AHS.315_02.000  R01 RECODE

**Instrument Variable Name:**

**Final Documentation 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

<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>
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<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>
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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: AHS.315_02.000

#### 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>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.315_02.000

#### 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>Code</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
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</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>
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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>
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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>
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---

**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; ALCHRC17

**Keywords:** functional limitation; depression; anxiety; emotional problem

**Notes:** See the Survey Description Document for more information.

**Duration of depression/anxiety/emotional problem:** Time unit

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<tr>
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<td>Week(s)</td>
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<td>Year(s)</td>
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<td>6</td>
<td>Since birth</td>
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<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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</tbody>
</table>
**Question ID:** AHS.316_02.000  
**R01 RECODE**  
**Instrument Variable Name:**  
**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; ALCHRC17

**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>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>Less than 1 year</td>
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<tr>
<td>01-84</td>
<td>01-84 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>
<td>98</td>
<td>Not ascertained</td>
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<td>99</td>
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</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>Description</th>
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</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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<td>6-12 months</td>
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<td>4</td>
<td>More than 1 year</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
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</table>
### 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:** ALCNDRT; 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

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<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tr>
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<td>Chronic</td>
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<td>2</td>
<td>Not chronic</td>
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<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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>01-94</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>
</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:** AHCL18T

**Recodes:** ALDURA18; 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>
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<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>
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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>
<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 = '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: ALTIME18; ALUNIT18

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; weight problem; overweight; obesity

Notes: See the Survey Description Document for more information.

**Duration of weight 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.317_02.000  R03 RECODE  Instrument Variable Name:  
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**

1  Chronic
2  Not chronic
9  Unknown if chronic
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AHS.318_01.000 RECODE
Instrument Variable Name: AHC19
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>
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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>
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<tr>
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<td>Don't know</td>
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</table>

Question ID: AHS.318_02.000 RECODE
Instrument Variable Name: AHC19T
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; ALCHRC19
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>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
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<td>3</td>
<td>Month(s)</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>
How long have you had missing limbs (fingers, toes, or digits)?

Universe: \(\text{ASTATFLG} = '1' \text{ and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'}\)

Description: Sample adults aged 18+ years with difficulty due to missing limbs (fingers, toes, or digits); amputation

Sources: ALTIME19; ALUNIT19

Recodes: ALDURB19; ALCHRC19

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>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>
</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 missing limbs (fingers, toes, or digits)?

Universe: \(\text{ASTATFLG} = '1' \text{ and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'}\)

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>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>
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<tr>
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<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>
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</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

- 1 Chronic
- 2 Not chronic
- 9 Unknown if chronic

---

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:** None

**Recodes:** ALDURA20; ALDURB20; ALCHRC20

**Keywords:** functional limitation; musculoskeletal system; connective tissue

**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 AFLHC20_. See the Survey Description Document for more information.

### Duration of musculoskeletal/connective tissue 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 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

Duration of musculoskeletal/connective tissue 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 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

Duration (in years) of musculoskeletal/connective tissue 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.319_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB20

**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>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
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<td>Less than 3 months</td>
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<td>3-5 months</td>
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<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.319_02.000  
**R03 RECODE**  
**Instrument Variable Name:**  
**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**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
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<tr>
<td>2</td>
<td>Not chronic</td>
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<tr>
<td>9</td>
<td>Unknown if chronic</td>
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</table>
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

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

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</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.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

<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 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

<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 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

<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 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: AFLHC21_; ALDURB21

Recodes: ALCNDRT; 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

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

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
How long have you had an endocrine/nutritional/metabolic problem?

<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>

Duration of endocrine/nutritional/metabolic problem: Time unit

How long have you had an endocrine/nutritional/metabolic problem?

<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 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:** 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.

#### Duration of endocrine/nutritional/metabolic 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>

### 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:** ALCHRC22

**Keywords:** functional limitation; endocrine; nutritional; metabolic

**Notes:** See the Survey Description Document for more information.

#### Endocrine/nutritional/metabolic 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>
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

01-94  1-94
95     95+
96     Since birth
97     Refused
98     Not ascertained
99     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: 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
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AHS.322_02.000 R01 RECODE
Instrument Variable Name: ALDURA23
Final Documentation Name: ALDURA23

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

<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.322_02.000 R02 RECODE
Instrument Variable Name: ALDURB23
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

<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 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:** ALCNDRT; 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.

<table>
<thead>
<tr>
<th>Nervous system/sensory organ 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>

**Duration of digestive system problems: Number of units**

<table>
<thead>
<tr>
<th>Duration</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 digestive system problems?

Universe: $ASTATFLG = '1' \text{ and } (AGE \geq '018' \text{ and } AGE \not\in ('997','999')) \text{ and } AFLHC24_ = '1'$

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

<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>

How long have you had digestive system problems?

Universe: $ASTATFLG = '1' \text{ and } (AGE \geq '018' \text{ and } AGE \not\in ('997','999')) \text{ and } AFLHC24_ = '1'$

Description: Sample adults aged 18+ years with difficulty due to digestive system problems

Sources: ALTIME24; ALUNIT24

Recodes: ALDURB24; ALCHRC24

Keywords: functional limitation; digestion

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 ALDURA24. See the Survey Description Document for more information.

Duration (in years) of digestive system problems, 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>
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AHS.323_02.000  R02 RECODE  Instrument Variable Name: ALDURB24
Final Documentation Name: ALDURB24

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
Recodes: ALCHRC24
Keywords: functional limitation; digestion
Notes: See the Survey Description Document for more information.

Duration of digestive system 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.323_02.000  R03 RECODE  Instrument Variable Name: ALCHRC24
Final Documentation Name: ALCHRC24

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: 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?

**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:**
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 |
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AHS.324_02.000 R01 RECODE

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

<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.324_02.000 R02 RECODE

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

<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 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

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:** AHCL26T  
**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

<table>
<thead>
<tr>
<th>Time Unit</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>

### Question ID: AHS.325_02.000 R01 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** ALDURA26

#### 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:** 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>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>1-84 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 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: ALTIME26; ALUNIT26

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
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

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

<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.326_02.000 RECODE
Instrument Variable Name: AHCL27T
Final Documentation Name: ALUNIT27

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

<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>
### Question ID: AHS.326_02.000 R01 RECODE

**Final Documentation Name: ALDURA27**

**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.

<table>
<thead>
<tr>
<th>Duration (in years)</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>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>

### Question ID: AHS.326_02.000 R02 RECODE

**Final Documentation Name: ALDURB27**

**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.

<table>
<thead>
<tr>
<th>Duration of blood or blood-forming organ problem, recode 2</th>
<th>Recode</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>
Question ID: AHS.326_02.000  R03  RECODE  
Instrument Variable Name: 
Final Documentation Name: ALCHRC27

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

Question ID: AHS.327_01.000 RECODE  
Instrument Variable Name: AHCL28N  
Final Documentation Name: ALTIME28

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: None

Recodes: ALDURA28; ALDURB28; ALCHRC28

Keywords: functional limitation; tumor; cyst; benign

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 AFLHC28_. See the Survey Description Document for more information.

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
Question ID: AHS.327_02.000 RECODE

How long have you had a benign tumor/cyst?

<table>
<thead>
<tr>
<th>Duration (in years) of benign tumor/cyst, recode 1</th>
<th>Value</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>

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 |

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.
Question ID: AHS.327_02.000        R02 RECODE          Instrument Variable Name:  
Final Documentation Name: ALDURB28

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: 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>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.327_02.000        R03 RECODE          Instrument Variable Name:  
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>
<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>
**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**

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know

---

**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 = '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:** 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)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know
**2013 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 28-May-14**

**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 = '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:** 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**

<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.328_02.000 R02 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** ALDURB29

**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:** See the Survey Description Document for more information.

**Duration of alcohol/drug/substance abuse 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>
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

<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 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: 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

<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 mental/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: 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.

Duration (in years) of other mental problem/ADD/Bipolar/Schizophrenia, 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 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: 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.

Duration of other mental problem/ADD/Bipolar/Schizophrenia, recode 2

1. Less than 3 months
2. 3-5 months
3. 6-12 months
4. More than 1 year
5. Refused
6. Not ascertained
7. 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: AFLHC30_; ALDURB30
Recodes: ALCHRC30
Keywords: functional limitation; mental illness; ADD; bipolar; schizophrenia
Notes: See the Survey Description Document for more information.

Other mental problem/ADD/Bipolar/Schizophrenia condition status recode

1. Chronic
2. Not chronic
9. Unknown if chronic
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AHS.330_01.000 RECODE
Instrument Variable Name: AHCL31N
Final Documentation Name: ALTIME31

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

| 01-94 | 1-94 |
| 95    | 95+  |
| 96    | Since birth |
| 97    | Refused |
| 98    | Not ascertained |
| 99    | Don't know |

Question ID: AHS.330_02.000 RECODE
Instrument Variable Name: AHCL31T
Final Documentation Name: ALUNIT31

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 |
### How long have you had surgical after-effects/medical treatment problems?

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = 'I'

**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.

<table>
<thead>
<tr>
<th>Duration (in years)</th>
<th>Recode</th>
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</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>
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<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>
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</table>

### Duration (in years) of surgical after-effects/medical treatment problems, recode 1

<table>
<thead>
<tr>
<th>Duration (in years)</th>
<th>Recode</th>
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<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 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

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<th>Code</th>
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<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>
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</table>

**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:* 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 AFLHC32_. See the Survey Description Document for more information.

### Duration of "old age"/elderly/aging-related problems: Number of units

<table>
<thead>
<tr>
<th>Code</th>
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<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
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<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.331_02.000 RECODE

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: 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 AFLHC32_. See the Survey Description Document for more information.

Duration of "old age"/elderly/aging-related 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.331_02.000 R01 RECODE

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

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 "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

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

"Old age"/elderly/aging-related problems condition status recode

1. Chronic
2. Not chronic
9. Unknown if chronic
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: 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 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)
- 6 Since birth
- 7 Refused
- 8 Not ascertained
- 9 Don't know
**2013 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
**samadult : Adult Health Status & Limitations**  
PUBLIC USE  
Document Version Date: 28-May-14

**Question ID:** AHS.332_02.000  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA33

**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:** ALDURB33; ALCHRC33  
**Keywords:** functional limitation; fatigue; tiredness; weakness  
**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 ALDURA33. See the Survey Description Document for more information.

**Duration (in years) of fatigue/tiredness/weakness problem, recode 1**

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<th>Code</th>
<th>Duration</th>
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<tbody>
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<tr>
<td>01-84</td>
<td>01-84 years</td>
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<td>85+ years</td>
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<td>96</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>
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</tr>
</tbody>
</table>

**Question ID:** AHS.332_02.000  
**Instrument Variable Name:**  
**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>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>
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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>
</tr>
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</table>
**2013 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult

samadult : Adult Health Status & Limitations

PUBLIC USE

Document Version Date: 28-May-14

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**Question ID:** AHS.332_02.000 R03 RECODE

Instrument Variable 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**

<p>| | |</p>
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</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>

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**Question ID:** AHS.333_01.000 RECODE

Instrument Variable Name: AHCL34N

**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**

<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>
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<td>96</td>
<td>Since birth</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>
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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

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

Question ID: AHS.333_02.000 R01 RECODE
Instrument Variable Name:  ALDURA34
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:  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

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 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: 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
### 2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult

samadult : Adult Health Status & Limitations
PUBLIC USE

Document Version Date: 28-May-14

<table>
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</thead>
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<td>Final Documentation Name: ALTIME90</td>
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</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: | 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

| 01-94 | 1-94 |
| 95    | 95+  |
| 96    | Since birth |
| 97    | Refused |
| 98    | Not ascertained |
| 99    | Don't know |

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**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 |
Question ID: AHS.335_02.000  R01 RECODE  Instrument Variable Name:
Final Documentation Name: ALDURA90

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: 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

<table>
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<th>Code</th>
<th>Description</th>
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<td>85</td>
<td>85+ years</td>
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<tr>
<td>96</td>
<td>Unknown number of years</td>
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<td>97</td>
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</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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</table>

Question ID: AHS.335_02.000  R02 RECODE  Instrument Variable Name:
Final Documentation Name: ALDURB90

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.

Duration of other impairment/problem N.E.C. (1), recode 2

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<th>Description</th>
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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>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
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</table>
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AHS.335_02.000  R03 RECODE  Instrument Variable Name: ALCHRC90
Final Documentation Name: ALCHRC90

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: Other impairment/problem N.E.C. (1) 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>

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.

Table: Duration of other impairment/problem N.E.C. (2); 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.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**

<table>
<thead>
<tr>
<th>Code</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.336_02.000  

**R01 RECODE**

**Instrument Variable Name:**

**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:** ALDURA91; 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>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 {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

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 {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: ALCNDRT; 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

1  Chronic
2  Not chronic
9  Unknown if chronic
### Question ID: AHS.336_02.000  
#### R04 RECODE  
Instrument Variable Name:  
Final Documentation Name: ALCNDRT

**Recode**

<table>
<thead>
<tr>
<th>Universe</th>
<th>All sample adults aged 18+ years reporting some limitation of activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sources</td>
<td>ALCRC1-34, ALCRC90, ALCRC91</td>
</tr>
<tr>
<td>Recodes</td>
<td>ALCCHRONR</td>
</tr>
<tr>
<td>Keywords</td>
<td>functional limitation; chronic condition</td>
</tr>
<tr>
<td>Notes</td>
<td>None</td>
</tr>
</tbody>
</table>

**Chronic condition recode for individual with functional limitation**

1. At least one condition causing functional limitation is chronic
2. No condition causing functional limitation
3. Unknown if any condition causing functional limitation is chronic

### Question ID: AHS.336_02.000  
#### R05 RECODE  
Instrument Variable Name:  
Final Documentation Name: ALCCHRONR

**Recode**

<table>
<thead>
<tr>
<th>Universe</th>
<th>Sample adults aged 18+ years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sources</td>
<td>ALCNDRT; FLA1AR</td>
</tr>
<tr>
<td>Recodes</td>
<td>None</td>
</tr>
<tr>
<td>Keywords</td>
<td>functional limitation; chronic condition</td>
</tr>
<tr>
<td>Notes</td>
<td>None</td>
</tr>
</tbody>
</table>

**Overall functional limitation recode by condition status**

1. Not limited in any way (including unknown if limited)
2. Limited; caused by at least one chronic condition
3. Limited; not caused by chronic condition
4. Limited; unknown if condition is chronic
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 28-May-14

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></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>

Question ID: AHB.020_00.000
Instrument Variable Name: SMKREG
Final Documentation Name: SMKREG

How old were you when you FIRST started to smoke fairly regularly?

| 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></th>
<th>6 - 84 years</th>
</tr>
</thead>
<tbody>
<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?

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

Smoke freq: everyday/some days/not at all

1 Every day
2 Some days
3 Not at all
7 Refused
8 Not ascertained
9 Don't know

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 top-coded at 70 and truncated at AGE_P minus SMKREG.

#### Time since quit: # of units

<table>
<thead>
<tr>
<th>Time</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1 - 94</td>
</tr>
<tr>
<td>95</td>
<td>95+</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.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.

#### Time since quit: time period

<table>
<thead>
<tr>
<th>Time</th>
<th>Code</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>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.040_02.000

**Instrument Variable Name:** SMKQTY  
**Final Documentation 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>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-69</td>
<td>1-69 years</td>
</tr>
<tr>
<td>70</td>
<td>70+ 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: 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

<table>
<thead>
<tr>
<th>Number cigs per day (daily smokers)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</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.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

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>None</td>
</tr>
<tr>
<td>01-30</td>
<td>1-30 days</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  
**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)

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</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>
<tr>
<td>Question ID: AHB.070_00.000</td>
<td>R01 RECODE</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>------------</td>
</tr>
<tr>
<td>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]</td>
<td></td>
</tr>
<tr>
<td>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</td>
<td></td>
</tr>
<tr>
<td>Sources: CIGSDA1; CIGSDA2</td>
<td></td>
</tr>
<tr>
<td>Recodes: None</td>
<td></td>
</tr>
<tr>
<td>Keywords: smoke; smoking; cigarettes; tobacco</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of cigarettes a day (all current smokers)</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>

<table>
<thead>
<tr>
<th>Question ID: AHB.080_00.000</th>
<th>Instrument Variable Name: CIGQTYR</th>
</tr>
</thead>
<tbody>
<tr>
<td>During the PAST 12 MONTHS, have you stopped smoking for more than one day BECAUSE YOU WERE TRYING TO QUIT SMOKING?</td>
<td></td>
</tr>
<tr>
<td>Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = 1, 2</td>
<td></td>
</tr>
<tr>
<td>Description: Sample adults aged 18+ years who are every day or someday smokers</td>
<td></td>
</tr>
<tr>
<td>Sources: None</td>
<td></td>
</tr>
<tr>
<td>Recodes: None</td>
<td></td>
</tr>
<tr>
<td>Keywords: smoke; quit smoking; cigarettes; tobacco; smoking cessation</td>
<td></td>
</tr>
<tr>
<td>Notes: None</td>
<td></td>
</tr>
</tbody>
</table>

Tried quit smoking 1+ days, past 12 m

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
These next questions are about your use of tobacco products OTHER THAN CIGARETTES.

Tobacco products OTHER THAN CIGARETTES that are smoked include cigars, pipes, water pipes or hookahs, very small cigars that look like cigarettes, bidis (bee-dees) or cigarillos (cig-a-ril-los).

Have you ever smoked tobacco products other than cigarettes EVEN ONE TIME?

* Do not include electronic cigarettes or e-cigarettes.

<table>
<thead>
<tr>
<th>Question ID:</th>
<th>AHB.085_00.010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Instrument Variable Name:</td>
<td>OTHCIGEV</td>
</tr>
<tr>
<td>Final Documentation Name:</td>
<td>OTHCIGEV</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>? [F1]</th>
</tr>
</thead>
</table>

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

Description: Sample adults 18+

<table>
<thead>
<tr>
<th>Sources:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes:</td>
<td>None</td>
</tr>
<tr>
<td>Keywords:</td>
<td>other tobacco products; tobacco products; other than cigarettes; smoking</td>
</tr>
<tr>
<td>Notes:</td>
<td>Added in 2012-2014 to AHB section.</td>
</tr>
</tbody>
</table>

Ever smoked tobacco products, OTHER than cigarettes

<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>
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 2012-2014 to AHB section.

Smoke freq: everyday/some days/rarely/not at all (other than cigarettes)

1 Every day
2 Some days
3 Rarely
4 Not at all
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHB.085_00.030

Instrument Variable Name: SMKLESEV

Final Documentation Name: SMKLESEV

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 2012-2014 to AHB section.

Ever used smokeless tobacco products

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
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 2012-2014 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

Around this time last year, were you using ANY KIND of tobacco product?

**Universe:**  ASTATFLG='1' and (AGE GE '018' and 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 2012-2014 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
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.

**Notes:** One of six, new, other tobacco questions added to the 2012 - 2014 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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<tr>
<th></th>
<th>1</th>
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</thead>
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<tr>
<td></td>
<td>2</td>
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</table>
### Question ID: AHB.090_01.000

**Instrument Variable Name:** VIGNO  
**Final Documentation Name:** VIGNO

**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: # of units

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### 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

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<td>9</td>
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**Question ID:** AHB.090_02.000  
**R01 RECODE**  
**Instrument Variable Name:** Final Documentation Name: VIGFREQW

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<td>1-28 times per week</td>
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<tr>
<td>95</td>
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<tr>
<td>96</td>
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<td>97</td>
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**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?**

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<th>Duration</th>
<th>Description</th>
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<tbody>
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</tr>
<tr>
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**2013 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult  
**samadult : Adult Health Behaviors**

PUBLIC USE

Document Version Date: 28-May-14
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

1 Minutes  
2 Hours  
7 Refused  
8 Not ascertained  
9 Don't know

Question ID: AHB.100_02.000 R01 RECODE  
Instrument Variable Name:  
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)

010-720 10-720 minutes  
997 Refused  
998 Not ascertained  
999 Don't know
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

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<tr>
<th>Frequency</th>
<th>Description</th>
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<tbody>
<tr>
<td>000</td>
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<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</td>
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<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
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<tr>
<td>999</td>
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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**

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<td>Per day</td>
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<td>Per week</td>
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### Question 1

**Question ID:** AHB.110_02.000  
**Instrument Variable Name:** RECODE  
**Final Documentation 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 2

**Question ID:** AHB.120_01.000  
**Instrument Variable Name:** MODLNGNO  
**Final Documentation 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
Question ID: AHB.120_02.000
Instrument Variable Name: MODLNGTP
Final Documentation Name: MODLNGTP

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

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<tbody>
<tr>
<td>1</td>
<td>Minutes</td>
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<tr>
<td>9</td>
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Question ID: AHB.120_02.000 R01 RECODE
Instrument Variable Name: MODLNGTP
Final Documentation Name: MODLNGTP

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)

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>010-720</td>
<td>10-720 minutes</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
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<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.130_01.000  
**Instrument Variable Name:** STRNGNO  
**Final Documentation Name:** STRNGNO

**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

**Sources:** None

**Recodes:** STRFREQW

**Keywords:** physical activity; exercise; strength; strengthening

**Notes:** Duration was not asked for this activity.

**Strength activity freq: # 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.130_02.000  
**Instrument Variable Name:** STRNGTP  
**Final Documentation Name:** STRNGTP

**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

**Sources:** None

**Recodes:** STRFREQW

**Keywords:** physical activity; exercise; strength; strengthening

**Notes:** Duration was not asked for this activity.

**Strength activity freq: 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
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.

Freq strength activity (times per wk)

<table>
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<th>Code</th>
<th>Description</th>
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<td>00</td>
<td>Less than once per week</td>
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<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 strength 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>
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</tbody>
</table>

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

Ever had 12+ drinks in any one year

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
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<td>8</td>
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### 2013 NATIONAL HEALTH INTERVIEW SURVEY

Sample Adult

samadult : Adult Health Behaviors

PUBLIC USE

Document Version Date: 28-May-14

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**Question ID:** AHB.150_00.000                       **Instrument Variable Name:** ALCLIFE

**Question:** 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'-'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

<table>
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<tr>
<th>Recodes</th>
<th>Key words</th>
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<td>ALCSTAT</td>
<td>alcohol consumption; drinking; lifetime</td>
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</tbody>
</table>

**Notes:** None

Had 12+ drinks in ENTIRE LIFE

<p>| | |</p>
<table>
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<td>Yes</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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**Question ID:** AHB.160_01.000                       **Instrument Variable Name:** ALC12MNO

**Question:** 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

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<th>Key words</th>
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<td>ALC12MYR</td>
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<tr>
<td>ALCSTAT</td>
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**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

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<tbody>
<tr>
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<tr>
<td>001-365</td>
<td>1-365 days</td>
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<td>997</td>
<td>Refused</td>
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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
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.

**Freq drank alcohol: Days in past year**

- 000 Never/none
- 001-365 1-365 days
- 997 Refused
- 998 Not ascertained
- 999 Don't know

---

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

**Average # drinks on days drank**

- 01-94 1-94 drinks
- 95 95+ drinks
- 97 Refused
- 98 Not ascertained
- 99 Don't know
### Question ID: AHB.170_00.000 R01 RECODE

**Instrument Variable Name:** ALCSTAT  
**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; ALCLIFE; 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)

<table>
<thead>
<tr>
<th>Alcohol drinking status</th>
<th>Recode</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
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].

Number of days had 5+ drinks past year

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never/None</td>
</tr>
<tr>
<td>001-365</td>
<td>1-365 days</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 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.

Total height in inches

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>59-76</td>
<td>59-76 inches</td>
</tr>
<tr>
<td>96</td>
<td>Not available</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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>
</tr>
</thead>
<tbody>
<tr>
<td>100-299</td>
</tr>
<tr>
<td>996</td>
</tr>
<tr>
<td>997</td>
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<td>998</td>
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</tbody>
</table>

**Question ID:** AHB.200_02.000 R03 RECODE

**Instrument Variable Name:** RECODE

**Final Documentation Name:** AWEIGHTP

**Question ID:** AHB.200_02.000 R04 RECODE

**Instrument Variable Name:** BMI

**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>
</tr>
</thead>
<tbody>
<tr>
<td>0001-9994</td>
</tr>
<tr>
<td>9995</td>
</tr>
<tr>
<td>9999</td>
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</tbody>
</table>
Is there a place that you USUALLY go to when you are sick or need advice about your health?

Question ID: AAU.020_00.000
Instrument Variable Name: AUSUALPL
Final Documentation Name: AUSUALPL

Place USUALLY go when sick

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

Question ID: AAU.030_00.000
Instrument Variable Name: APLKIND
Final Documentation Name: APLKIND

Place to go when sick (most often)

1 Clinic or health center
2 Doctor's office or HMO
3 Hospital emergency room
4 Hospital outpatient department
5 Some other place
6 Doesn't go to one place most often
7 Refused
8 Not ascertained
9 Don't know
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: None

USUALLY go there for routine/preventive care

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

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

Change health care place, past 12 m

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

Was this change for a reason related to health insurance?

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

Change related to health insurance

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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>
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<td>9</td>
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<tr>
<td>Question ID: AAU.050_01.010</td>
<td>Instrument Variable Name: ANOUSPL1-ANOUSPL9</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Why don't you have a usual source of medical care?  ...Doesn't need a doctor/Haven't had any problems</td>
<td></td>
</tr>
<tr>
<td>Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'</td>
<td></td>
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<tr>
<td>Description: Sample adults aged 18+ years without a usual place of care</td>
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<td>Sources: None</td>
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<td>Recodes: None</td>
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<tr>
<td>Keywords: access; source; health care provider</td>
<td></td>
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<tr>
<td>Notes: 2011 Supplement question</td>
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</table>

 Doesn't need doctor/haven't had problems

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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>
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<tr>
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<th>Question ID: AAU.050_02.010</th>
<th>Instrument Variable Name: ANOUSPL1-ANOUSPL9</th>
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<tbody>
<tr>
<td>Why don't you have a usual source of medical care?  ...Doesn't like/trust/believe in doctors</td>
<td></td>
</tr>
<tr>
<td>Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'</td>
<td></td>
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<tr>
<td>Description: Sample adults aged 18+ years without a usual place of care</td>
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<td>Keywords: access; source; health care provider</td>
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<tr>
<td>Notes: 2011 Supplement question</td>
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</table>

 Doesn't like/trust/believe in doctors

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<tbody>
<tr>
<td>1</td>
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</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>
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</table>
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

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

Doesn't know where to go

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

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

Previous doctor is not available/moved

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?  …Too expensive/no insurance/cost

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; health insurance

Notes:  
2011 Supplement question

Too expensive/no insurance/cost

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?  …Speak a different language

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; language

Notes:  
2011 Supplement question

Speak a different language

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don’t know
**Question ID:** AAU.050_07.010  
**Instrument Variable Name:** ANOUSPL1-ANOUSPL9  
**Final Documentation Name:** ANOUSPL7

**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

---

**Question ID:** AAU.050_08.010  
**Instrument Variable Name:** ANOUSPL1-ANOUSPL9  
**Final Documentation Name:** ANOUSPL8

**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 if 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
Question ID: AAU.053_00.010  
Instrument Variable Name: APRVTRFD  
Final Documentation Name: APRVTRFD

Were you able to find a general doctor or provider who could see you?

Universe: ASTATFLG = 'I' 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

Able to find doctor/provider, past 12 m

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

Question ID: AAU.057_00.010  
Instrument Variable Name: ADRNANP  
Final Documentation Name: ADRNANP

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 = 'I' 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

Doctor's office not accept you as new patient, past 12 m

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

Doctor's office not accept your health insurance, 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 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

Couldn't get through on phone, 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 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

| Could'nt get appointment soon enough, 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? ..... 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

| 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.

**Question ID:** AAU.061_04.000  
**Instrument Variable Name:** AHCDLY_4  
**Final Documentation Name:** AHCDLYR4

### 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

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

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**Question ID:** AAU.061_05.000  
**Instrument Variable Name:** AHCDLY_5  
**Final Documentation Name:** AHCDLYR5

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

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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AAU.111_01.000
Instrument Variable Name: AHCAFY_1
Final Documentation Name: AHCAFYR1

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

Question ID: AAU.111_02.000
Instrument Variable Name: AHCAFY_2
Final Documentation Name: AHCAFYR2

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
Question ID: AAU.111_03.000
Instrument Variable Name: AHCAYF_3
Final Documentation Name: AHCARYR3

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

Couldn't afford dental care, past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: AAU.111_04.000
Instrument Variable Name: AHCAYF_4
Final Documentation Name: AHCARYR4

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

Couldn't afford eyeglasses, past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** AAU.111_05.010  
**Instrument Variable Name:** AHCAFY_5  
**Final Documentation Name:** AHCAFYR5

**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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**Question ID:** AAU.111_06.010  
**Instrument Variable Name:** AHCAFY_6  
**Final Documentation Name:** AHCAFYR6

**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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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

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
**Question ID:** AAU.126_01.010  
**Instrument Variable Name:** ARX12MO  
**Final Documentation Name:** ARX12MO

**DURING THE PAST 12 MONTHS, were you prescribed medication by a doctor or other health professional?**

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

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** access; source; prescription; medication; drugs

**Notes:** 2013 Supplement questions

Prescribed medication by doctor/health professional, past 12 m

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**Question ID:** AAU.127_01.010  
**Instrument Variable Name:** ARX12_1  
**Final Documentation Name:** ARX12_1

**DURING THE PAST 12 MONTHS, were any of the following true for you?**  
...You skipped medication doses to save money

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ARX12MO='1'

**Description:** Sample adults 18+ who had been prescribed prescription medication in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** access; source; prescription drugs; cost

**Notes:** 2011 Supplement question. In 2013, the universe changed and the question text was modified. The variable name was changed from ARXPR_1 to ARX12_1 to reflect these modifications.

Skipping medication doses to save money, past 12 m

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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AAU.127_02.010
Instrument Variable Name: ARX12_2
Final Documentation Name: ARX12_2

DURING THE PAST 12 MONTHS, were any of the following true for you?
...you took less medicine to save money

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ARX12MO='1'
Description: Sample adults 18+ who had been prescribed prescription medication in the past 12 months

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question. In 2013, the universe changed and the question text was modified. The variable name was changed from ARXPR_2 to ARX12_2 to reflect these modifications.

Took less medicine to save money, past 12 m

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

Question ID: AAU.127_03.010
Instrument Variable Name: ARX12_3
Final Documentation Name: ARX12_3

DURING THE PAST 12 MONTHS, were 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')) and ARX12MO='1'
Description: Sample adults 18+ who had been prescribed prescription medication in the past 12 months

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question. In 2013, the universe changed and the question text was modified. The variable name was changed from ARXPR_3 to ARX12_3 to reflect these modifications.

Delayed filling a prescription to save money, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don’t know
DURING THE PAST 12 MONTHS, were 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')) and ARX12MO='1'
Description: Sample adults 18+ who had been prescribed prescription medication in the past 12 months

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; generic drugs; cost
Notes: 2011 Supplement question. In 2013, the universe changed and the question text was modified. The variable name was changed from ARXPR_4 to ARX12_4 to reflect these modifications.

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

DURING THE PAST 12 MONTHS, were 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 18+

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question. In 2013, the question text was modified and the variable name was changed from ARXPR_5 to ARX12_5 to reflect this modification.

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
DURING THE PAST 12 MONTHS, were 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+

Sources: None

Recodes: None

Keywords: access; source; cost; alternative medicine

Notes: 2011 Supplement question. In 2013, the question text was modified and the variable name was changed from ARXPR_6 to ARX12_6 to reflect this modification.

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

Sources: None

Recodes: None

Keywords: access; source; dental visit; oral health; advice; treatment

Notes: None

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
### Question ID: AAU.141_01.000

**Instrument Variable Name:** AHCSY1_1  
**Final Documentation Name:** AHCSYR1

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; dr. visit/contact; medical advice; treatment; therapy; counseling  
**Notes:** None

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### 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

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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: 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; chiropractor
Notes: None

Seen/talked to a chiropractor, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
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**2013 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Access to Health Care & Utilization**

**PUBLIC USE**

**Document Version Date: 28-May-14**

**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: 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; therapy |
| Notes: None |

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

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**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**

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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

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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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**2013 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
*samadult : Adult Access to Health Care & Utilization*  
PUBLIC USE  
Document Version Date: 28-May-14

**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

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**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

**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

<table>
<thead>
<tr>
<th># times in ER/ED, past 12 m</th>
<th></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>
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<td>10-12</td>
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<td>13-15</td>
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<td>08</td>
<td>16 or more</td>
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<tr>
<td>97</td>
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</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### 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

<table>
<thead>
<tr>
<th>ER visit at night or on weekend</th>
<th></th>
<th></th>
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<th></th>
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<tr>
<td>1</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>No</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>7</td>
<td>Refused</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>ER visit resulted in hospital admission</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td></td>
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<td></td>
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<tr>
<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
<td></td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
<td></td>
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</table>
### Question ID: AU.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. In Q2 of 2012 the universe in AERREAS1 was modified and the variable name was changed to AERREA1R. See the 2012 AAU Appendix for more information.

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

### Question ID: AU.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. In Q2 of 2012 the universe in AERREAS2 was modified and the variable name was changed to AERREA2R. See the 2012 AAU Appendix for more information.

<p>| | | |</p>
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</thead>
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<tr>
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</tr>
<tr>
<td>2</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>
**2013 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

**Question ID:** AAU.248_03.030  
**Instrument Variable Name:** AERREAS3  
**Final Documentation Name:** AERREA3R

**Tell me which of these apply to your last emergency room visit?**

... Your health provider advised you 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. In Q2 of 2012 the universe in AERREAS3 was modified and the variable name was changed to AERREA3R. See the 2012 AAU Appendix for more information.

**ER visit because advised by health provider to go**

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

**Question ID:** AAU.248_04.040  
**Instrument Variable Name:** AERREAS4  
**Final Documentation Name:** AERREA4R

**Tell me which of these apply to your last emergency room visit?**

... The problem was too serious for the doctor's office or clinic

**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 (ER); emergency department visit (ED); critical care  
**Notes:** Question was first asked in 2011. In Q2 of 2012 the universe in AERREAS4 was modified and the variable name was changed to AERREA4R. See the 2012 AAU Appendix for more information.

**ER visit because problem too serious for doctor's office/clinic**

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?

#### ... Only a hospital could help you

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' &lt;= AHERNOY2 &lt;= '08')</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
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<tr>
<td>Sources:</td>
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</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
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<td>Keywords:</td>
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<td>Notes:</td>
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</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' &lt;= AHERNOY2 &lt;= '08')</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years who had at least one ER visit in the past year</td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
</tr>
<tr>
<td>Keywords:</td>
<td>access; source; emergency room visit (ER); emergency department visit (ED); critical care</td>
</tr>
<tr>
<td>Notes:</td>
<td>Question was first asked in 2011. In Q2 of 2012 the universe in AERREAS6 was modified and the variable name was changed to AERREA6R. See the 2012 AAU Appendix for more information.</td>
</tr>
</tbody>
</table>

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')

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. In Q2 of 2012 the universe in AERREAS7 was modified and the variable name was changed to AERREA7R. See the 2012 AAU Appendix for more information.

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

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')

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. In Q2 of 2012 the universe in AERREAS8 was modified and the variable name was changed to AERREA8R. See the 2012 AAU Appendix for more information.

Arrived at ER by ambulance/other emergency vehicle

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don’t know
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>
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<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>
What was the total number of home visits received during {that month/those months}?

**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

<table>
<thead>
<tr>
<th>Total number of home visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
</tr>
<tr>
<td>02</td>
</tr>
<tr>
<td>03</td>
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<td>04</td>
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<td>07</td>
</tr>
<tr>
<td>08</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</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: 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; doctor visit; office visit
Notes: None
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Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AAU.290_00.000
Instrument Variable Name: ASRGYR
Final Documentation Name: ASRGYR

DURING THE PAST 12 MONTHS, have you had SURGERY or other surgical procedures either as an inpatient or outpatient?

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.

Surgery/surgical procedure, past 12 m

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

Question ID: AAU.300_00.000
Instrument Variable Name: ASRGNOYR
Final Documentation Name: ASRGNOYR

Including any times you may have already told me about, HOW MANY DIFFERENT TIMES have you had surgery during the PAST 12 MONTHS?

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.

# of surgeries, past 12 m

01-94  1-94 times
95  95+ times
97  Refused
98  Not ascertained
99  Don't know
Question ID: AAU.305_00.000

Instrument Variable Name: AMDLONG

Final Documentation Name: AMDLONGR

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:

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
Thinking about your last visit for any type of medical care, where did you go?

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AMDLONGR IN('1','2','3','4','5')

**Description:** Sample adults aged 18+ years who have ever seen/talked to a doctor

**Sources:** None

**Recodes:** None

**Keywords:** access; source; emergency department (ED); critical care

**Notes:** 2011 Supplement question

**Place of last medical visit**

1. Clinic or health center
2. Doctor's office or HMO
3. Hospital emergency room
4. Hospital outpatient department
5. Urgent care center
6. Some other place
7. Refused
8. Not ascertained
9. Don't know
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Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AAU.306_00.021
Instrument Variable Name: ALASTTYP1-ALASTTYP4
Final Documentation Name: ALASTYP1

Did you see a general doctor, specialist, nurse practitioner/physician assistant or someone else?
… general doctor

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; GP
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.

General doctor seen on last visit
1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

Question ID: AAU.306_00.022
Instrument Variable Name: ALASTTYP1-ALASTTYP4
Final Documentation Name: ALASTYP2

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
**Question ID:** AAU.306_00.023  
**Instrument Variable Name:** ALASTTP1-ALASTTP4  
**Final Documentation Name:** ALASTYP3

**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.

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<tr>
<th>Nurse practitioner/physician assistant seen on last visit</th>
<th></th>
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<td>2</td>
<td>Not mentioned</td>
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<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</table>

**Question ID:** AAU.306_00.024  
**Instrument Variable Name:** ALASTTP1-ALASTTP4  
**Final Documentation Name:** ALASTYP4

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health care provider  
**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.

<table>
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<tr>
<th>Other health provider seen on last visit</th>
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<tbody>
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<td>8</td>
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</table>
### Question ID: AAU.306_00.025  
**R01 RECODE**  
**Instrument Variable Name:** ALASTVRB  
**Final Documentation Name:** ALASTVRB

**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.

**Sources:** ALASTSPC  
**Recodes:** None  
**Keywords:** access; source; health care provider  
**Notes:** 2012 recode created from the variable ALASTSPC which is located on the in-house file only. Verbatim responses were cleaned to maintain confidentiality.

#### Other Health professional seen (categorized verbatim)

<table>
<thead>
<tr>
<th>Verbatim</th>
<th>Verbatim responses categorized</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Question ID: AAU.307_01.010  
**Instrument Variable Name:** AVISAPTN  
**Final Documentation Name:** AVISAPN2

1 of 2

**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/rec'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

2 of 2

*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-time period

1  Days
2  Weeks
3  Months
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** AAU.308_01.010  
**Instrument Variable Name:** AWAITRMN  
**Final Documentation Name:** AWAITRMN

1 of 2

**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>
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</thead>
<tbody>
<tr>
<td>00</td>
<td>No time</td>
</tr>
<tr>
<td>01-96</td>
<td>1-96</td>
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<tr>
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</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:** AWAITRMT  
**Final Documentation Name:** AWAITRMT

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’<=AWAITRMN<=’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>
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<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
**2013 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
samadult : Adult Access to Health Care & Utilization  
**PUBLIC USE**  
Document Version Date: 28-May-14

**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 = '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 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.

| Looked up health information on Internet, past 12 m |
|---|---|---|---|
| 1 | Yes | 2 | No |
| 7 | Refused | 8 | Not ascertained |
| 9 | Don't know |

**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 = '1' 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.

| Filled a prescription on Internet, past 12 m |
|---|---|---|---|
| 1 | Yes | 2 | No |
| 7 | Refused | 8 | Not ascertained |
| 9 | Don't know |
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

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<thead>
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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>

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

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<tr>
<td>1</td>
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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>
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 and 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.

| Used chat groups to learn about health topics, past 12 m |
|---|---|---|---|---|---|
| 1 | Yes | 2 | No | 7 | Refused |
| 8 | Not ascertained | 9 | Don’t know |

---

Flu shot past 12 m

| Flu shot past 12 m |
|---|---|---|---|---|---|
| 1 | Yes | 2 | No | 7 | Refused |
| 8 | Not ascertained | 9 | Don’t know |
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

Month of most recent flu shot

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<tbody>
<tr>
<td>01</td>
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<tr>
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<tr>
<td>12</td>
<td>December</td>
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<tr>
<td>97</td>
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</tr>
<tr>
<td>98</td>
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</tr>
<tr>
<td>99</td>
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</tr>
</tbody>
</table>
Question ID: AAU.312_02.000

*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

Year of most recent flu shot

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Before this pregnancy</td>
</tr>
<tr>
<td>2</td>
<td>During this pregnancy</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.313_00.000

Did you get a flu shot before or during your current pregnancy?

Universe: ASTATFLG = '1' and ('018' <= 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, 2013

<table>
<thead>
<tr>
<th>Flute</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Before this pregnancy</td>
</tr>
<tr>
<td>2</td>
<td>During this pregnancy</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.314_00.000

Instrument Variable Name: FLUSHPG2

Final Documentation Name: FLUSHPG2

File: FLUSHPG2

[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
**Question ID:** AAU.315_00.000  
**Instrument Variable Name:** SPRFLUYR  
**Final Documentation Name:** SPRFLU2

**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:** 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 vaccine spray; flumist; influenza; LAIV; H1N1; swine flu; pandemic flu

**Notes:** None

Flu nasal spray past 12 m

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

01 January
02 February
03 March
04 April
05 May
06 June
07 July
08 August
09 September
10 October
11 November
12 December
97 Refused
98 Not ascertained
99 Don't know
**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

---

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
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<tbody>
<tr>
<td>9997</td>
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<tr>
<td>9998</td>
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<td>9999</td>
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</tbody>
</table>

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**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 '018' and AGE not IN ('997','999'))

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

---

<table>
<thead>
<tr>
<th>Pneumonia shot (EVER)</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>
</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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; chickenpox; varicella

**Notes:** None

<table>
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<tr>
<th>Value</th>
<th>Label</th>
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<tr>
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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>
</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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; chickenpox; varicella

**Notes:** None

<table>
<thead>
<tr>
<th>Value</th>
<th>Label</th>
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<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### 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>Code</th>
<th>Description</th>
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</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>Code</th>
<th>Description</th>
</tr>
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<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
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<tr>
<td>9</td>
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</tbody>
</table>
Have you ever had a blood test for hepatitis B?

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<tbody>
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<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>
</tr>
</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.]

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<td>1</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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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AAU.380_00.000
Instrument Variable Name: SHEPDOS
Final Documentation Name: SHEPDOS

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

Sources: None
Recodes: None
Keywords: access; source; hepatitis B; vaccine; liver
Notes: None

# 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

Question ID: AAU.390_00.010
Instrument Variable Name: SHTHEPA
Final Documentation Name: SHTHEPA

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

Hepatitis A vaccine (EVER)

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

<table>
<thead>
<tr>
<th># shots of hepatitis A vaccine received</th>
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</thead>
<tbody>
<tr>
<td>01-95</td>
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<tr>
<td>96</td>
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<tr>
<td>97</td>
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<td>98</td>
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<tr>
<td>99</td>
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</tbody>
</table>

**Question ID:** AAU.400_00.010  
**Instrument Variable Name:** SHEPANUM  
**Final Documentation Name:** SHEPANUM

---

### Have you ever had a blood test for hepatitis C?

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

**Description:** Sample adults 18+

<table>
<thead>
<tr>
<th>Ever had a blood test for hepatitis C</th>
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<tbody>
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</table>

**Question ID:** AAU.405_00.010  
**Instrument Variable Name:** AHEPCTST  
**Final Documentation Name:** AHEPCTST
What is the MAIN reason you were tested for hepatitis C? Was it because...

*Read answer categories below.

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

Description: Sample adults 18+ who have had a blood test for hepatitis C

Main reason tested for Hepatitis C

1 You or your doctor thought you were at risk of having hepatitis C because a blood test or symptoms like fatigue, nausea, stomach pain, yellowing of the eyes or skin indicated you might have liver disease
2 You were born from 1945 through 1965
3 You were at risk of hepatitis C infection due to exposure to blood on your job, injection drug use or receipt of transfusion before 1992
4 Some other reason
7 Refused
8 Not ascertained
9 Don’t know

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; vaccine, tetanus, Td; Tdap  
**Notes:** 2008 Supplement question

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

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**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 = '1' 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

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<td>Yes</td>
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<tr>
<td>2</td>
<td>No</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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</tbody>
</table>
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 = '1' 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

<table>
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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Yes-included pertussis</td>
</tr>
<tr>
<td>2</td>
<td>No-did not include pertussis</td>
</tr>
<tr>
<td>3</td>
<td>Doctor did not say</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 received an HPV shot or vaccine?

*HPV stands for human papillomavirus (pap-uh-LOW-muh-vi-rus).

*The vaccines are sometimes called CERVARIX (trademark) or GARDASIL (trademark).

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) of the Sample Adult Cancer file (SHTHPV, NAF.228_04.000). In 2012, it was moved to this section and the section name, question number, and variable name changed to SHTHPV1, AAU.446_00.010). In 2013, FR instructions were added and the variable name was changed from SHTHPV1 to SHTHPV2 to reflect this modification.

Ever received HPV shot/vaccine

1 Yes
2 No
3 Doctor refused when asked
7 Refused
8 Not Ascertained
9 Don't know
### Question ID: AAU.448_00.010

**Instrument Variable Name:** SHHPVDOS  
**Final Documentation Name:** SHHPVDOS

**How many HPV shots did you receive?**

**Universe:**  
\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \leq '064') \text{ and } \text{SHTHPV2} = '1' \]

**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).

<table>
<thead>
<tr>
<th>Number of HPV shots received</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-49</td>
<td>1-49 shots</td>
</tr>
<tr>
<td>50</td>
<td>50+</td>
</tr>
<tr>
<td>96</td>
<td>All shots</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.449_00.010

**Instrument Variable Name:** AHPVAGE  
**Final Documentation Name:** AHPVAGE

**How old were you when you received your first HPV shot?**

**Universe:**  
\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \leq '064') \text{ and } \text{SHTHPV2} = '1' \]

**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:** 2013 supplement question

<table>
<thead>
<tr>
<th>Age at first HPV shot</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>008-064</td>
<td>8-64 years</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
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<tr>
<td>999</td>
<td>Don't know</td>
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</tbody>
</table>
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

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
**Question ID:** AAU.465_00.010  
**Instrument Variable Name:** WRKHLTH  
**Final Documentation Name:** WRKHLTH2

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.

Work or volunteer in a health care setting

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<td>1</td>
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<td>7</td>
<td>Refused</td>
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<td>Don't know</td>
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</table>

**Question ID:** AAU.470_00.010  
**Instrument Variable Name:** WRKDIR  
**Final Documentation Name:** WRKDIR

Do you provide direct patient care as part of your routine work? By direct patient care we MEAN PHYSICAL OR HANDS ON CONTACT WITH PATIENTS.

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and WRKHLTH2 = '1')

**Description:** Sample adults aged 18+ years who work or volunteer in a health-care setting

**Sources:** None  
**Recodes:** None  
**Keywords:** health care facility; home care; patient contact; work; volunteer; emergency responder; safety personnel  
**Notes:** 2009 Supplement question

Direct contact with patients

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<td>No</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>
**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

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<td>Not ascertained</td>
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<td>Don't know</td>
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**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

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<td>7</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>Don't know</td>
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</table>
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
### 2013 NATIONAL HEALTH INTERVIEW SURVEY

**Sample Adult**

**samadult**: Adult Access to Health Care & Utilization

**PUBLIC USE**

**Document Version Date**: 28-May-14

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**Question ID**: AAU.540_00.010  
**Instrument Variable Name**: APSMAM  
**Final Documentation Name**: APSMAM

**Have you had a Mammogram DURING THE PAST 12 MONTHS?**

**[A mammogram is an x-ray of each breast to look for breast cancer.]**

**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

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<td>No</td>
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<td>Not ascertained</td>
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**Question ID**: AAU.550_00.010  
**Instrument Variable Name**: APSCOL  
**Final Documentation Name**: APSCOL

**DURING THE PAST 12 MONTHS, have you had any test done for colon cancer?**

**[Colon cancer tests include blood stool tests, colonoscopy and sigmoidoscopy. A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. A sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems.]**

**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

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2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AAU.560_00.010
Instrument Variable Name: APSDIET
Final Documentation Name: APSDIET

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

Question ID: AAU.570_00.010
Instrument Variable Name: APSSMKC
Final Documentation Name: APSSMKC

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
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

Have family member who needed ADL help for 1+ yrs

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

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

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
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

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
**Question ID:** AAU.584_03.010  
**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO3

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

Sources: None  
Recodes: None  
Keywords: access; source; long term care; ADLs  
Notes: 2011 Supplement question

Home health care organization would provide ADL help

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

**Question ID:** AAU.584_04.010  
**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO4

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

Sources: None  
Recodes: None  
Keywords: access; source; long term care; ADLs  
Notes: 2011 Supplement question

Nursing home/assisted living 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? …Other

Universe: ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999'))

Description: Sample adults aged 40-65 years

Other would provide ADL help

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

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

Tried to purchase health insurance directly, past 3 yrs

1    Yes
2    No
7    Refused
8    Not ascertained
9    Don’t know
**2013 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
**samadult : Adult Access to Health Care & Utilization**  
PUBLIC USE  
**Document Version Date: 28-May-14**

**Question ID:** AAU.600_00.020  
**Instrument Variable Name:** AINDPRCH  
**Final Documentation Name:** AINDPRCH

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance, health care coverage; health plan  
**Notes:** 2011 Supplement question

Purchased health insurance directly, past 3 yrs

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

**Question ID:** AAU.600_00.030  
**Instrument Variable Name:** AINDWHO  
**Final Documentation Name:** AINDWHO

**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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan  
**Notes:** 2011 Supplement question

For whom was health insurance purchased, past 3 yrs

1  Self  
2  Someone else in family  
3  Both  
7  Refused  
8  Not ascertained  
9  Don’t know
## Question ID: AAU.600_00.040

### Instrument Variable Name: AINDDIF1

### Final Documentation Name: AINDDIF1

**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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health insurance; health care coverage; health plan

**Notes:** 2011 Supplement question

| How difficult to find health insurance for coverage needed, past 3 yrs |
|---|---|
| 1 | Very difficult |
| 2 | Somewhat difficult |
| 3 | Not at all difficult |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don’t know |

## Question ID: AAU.600_00.050

### Instrument Variable Name: AINDDIF2

### Final Documentation Name: AINDDIF2

**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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health insurance; health care coverage; health plan

**Notes:** 2011 Supplement question

| How difficult to find affordable health insurance, past 3 yrs |
|---|---|
| 1 | Very difficult |
| 2 | Somewhat difficult |
| 3 | Not at all difficult |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don’t know |
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

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

Turned down for coverage, past 3 yrs

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

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

Charged higher price for coverage because of health, past 3 yrs

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

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

**Notes:** 2011 Supplement question

### 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

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<tr>
<td>7</td>
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<tr>
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<td>Not ascertained</td>
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<td>9</td>
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**Notes:** 2011 Supplement question
### Question ID: AAU.601_02.070

**Why did you not buy the plan? …Cost**

**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; expense, health plan; past 3 yrs

**Notes:** 2011 Supplement question

Didn't buy plan because of cost, past 3 yrs

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<tr>
<td>7</td>
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<tr>
<td>8</td>
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<tr>
<td>9</td>
<td>Don’t know</td>
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</table>

### Question ID: AAU.601_03.070

**Why did you not buy the plan? …Pre-existing condition**

**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 of pre-existing condition, past 3 yrs

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<tr>
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<tr>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
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<td>Instrument Variable Name: AINDNOT1-AINDNOT5</td>
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<tr>
<td>Why did you not buy the plan? …Got health insurance from other source</td>
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<tr>
<td>Description: Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years</td>
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</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 got health insurance from other source, past 3 yrs

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

<table>
<thead>
<tr>
<th>Question ID: AAU.601_05.070</th>
<th>Instrument Variable Name: AINDNOT1-AINDNOT5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Why did you not buy the plan? …Other reason</td>
<td></td>
</tr>
<tr>
<td>Universe: ASTATFLG=’1’ and (AGE GE ’018’ and AGE not IN ’997’,’999’) and AINDPRCH=’2’</td>
<td></td>
</tr>
<tr>
<td>Description: Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years</td>
<td></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 |

Other reason didn't buy plan, past 3 yrs

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 28-May-14

Question ID: AAU.605_00.010
Instrument Variable Name: AEXCHNG
Final Documentation Name: AEXCHNG

Have you looked into purchasing health insurance coverage through the [Fill: Health Insurance Marketplace/Health Insurance Marketplace, such as {fill: state exchange name}]?

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: access; source; health care coverage; health plan; health insurance marketplace
Notes: 2013 Supplement question. Fielded in Q4 only and contains data only for Q4. Variable is blank in Q's 1-3.

Have you looked into purchasing health insurance coverage through the Health Insurance Marketplace?

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

Question ID: NAF.032_00.000
Instrument Variable Name: SNONCE
Final Documentation Name: SNONCE

DURING THE PAST 12 MONTHS, have you used an indoor tanning device such as a sunlamp, sunbed, or tanning booth EVEN ONE TIME? Do NOT include times you have gotten a spray-on tan.

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

Used indoor tanning device during past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** NAF.033_00.0000  
**Instrument Variable Name:** SNNUM1  
**Final Documentation Name:** SNNUM1

**DURING THE PAST 12 MONTHS,** how many times have you used an indoor tanning device such as a sunlamp, sunbed or tanning booth? **Do NOT include times you have gotten a spray-on tan.**

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

**Description:** Sample adults 18+ who have used indoor tanning device in past year

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

Number of times used tanning device during past 12 months

- 001-365  1-365 times
- 997     Refused
- 998     Not ascertained
- 999     Don't know

**Question ID:** NAF.130_00.0000  
**Instrument Variable Name:** PAPHAD1  
**Final Documentation Name:** PAPHAD1

**Have you EVER HAD a Pap smear or Pap test?**

*Read if necessary.*

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 18+

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

Ever had Pap smear/Pap test

- 1     Yes
- 2     No
- 7     Refused
- 8     Not ascertained
- 9     Don't know
[Fill1: Earlier you said you had a Pap test.]

When did you have your MOST RECENT Pap test?

*Enter month of last Pap test.

*Enter '96' to go to number and time period format.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX='2' and PAPHAD1='1'

Description: Female sample adults 18+ who have ever had a Pap smear

<table>
<thead>
<tr>
<th>Month of most recent Pap test</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>January</td>
</tr>
<tr>
<td>02</td>
<td>February</td>
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<tr>
<td>03</td>
<td>March</td>
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<td>July</td>
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<td>08</td>
<td>August</td>
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<td>09</td>
<td>September</td>
</tr>
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<td>10</td>
<td>October</td>
</tr>
<tr>
<td>11</td>
<td>November</td>
</tr>
<tr>
<td>12</td>
<td>December</td>
</tr>
<tr>
<td>96</td>
<td>Time period format</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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Question ID: NAF.150_02.000

Instrument Variable Name: RPAP1_Y1

Final Documentation Name: RPAP1_Y1

2 of 2

*Enter year of last Pap test.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX='2' and PAPHAD1='1'

Description: Female sample adults 18+ who have ever had a Pap smear

Sources: None

Recodes: None

Keywords: None

Notes: None

Year of most recent Pap test

<table>
<thead>
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<th>Year</th>
<th>Description</th>
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<tbody>
<tr>
<td>1880-current year</td>
<td>1880-current year</td>
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<tr>
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<td>9997</td>
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<tr>
<td>9998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9999</td>
<td>Don't know</td>
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</table>
When did you have your MOST RECENT Pap test?

*Enter number for time since last Pap test.

*Enter '95' for 95 or more.

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX='2' and PAPHAD1='1' and RPAPI_M1='96'

**Description:**  
Female sample adults 18+ who selected number and time period format for most recent Pap smear test from the initial month screen

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
None

**Notes:**  
None

**Time ago date of most recent Pap test: # of units**

<table>
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<th># of units</th>
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<td>01-94</td>
<td>1-94</td>
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<tr>
<td>95</td>
<td>95+</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>
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**Question ID:** NAF.160_02.000  
**Instrument Variable Name:** RPAP1T1  
**Final Documentation Name:** RPAP1T1

**2 of 2**

*Enter time period for time since most recent Pap test.*

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX='2' and PAPHAD1='1' and RPAPI1_M1='96'

**Description:** Female sample adults 18+ who selected number and time period format for most recent Pap smear test from the initial month screen

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Time ago date of most recent Pap test:** Time unit

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<tbody>
<tr>
<td>1</td>
<td>Days ago</td>
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<td>2</td>
<td>Weeks ago</td>
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<td>4</td>
<td>Years ago</td>
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<td>7</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: NAF.165_00.000
Instrument Variable Name: RPAP21
Final Documentation Name: RPAP21

Was it:

*Read answer categories.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX='2' and PAPHAD1='1' and (RPAP1_M1 IN ('97','98','99') or RPAP1_Y1 IN ('9997','9998','9999') or RPAP1N1 IN ('97','98','99') or RPAP1T1 IN ('4','7','8','9'))

Description: Female sample adults 18+ who failed to give a complete date in either the month or year format or failed to give a complete date in the number and time period format, or entered years ago in the time period format

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

Most recent Pap test, time categories

1  A year ago or less
2  More than 1 year but not more than 2 years
3  More than 2 years but not more than 3 years
4  More than 3 years but not more than 5 years
5  Over 5 years ago
7  Refused
8  Not ascertained
9  Don't know
### 2013 National Health Interview Survey

**Sample Adult**

samadult : Adult Cancer Screening

PUBLIC USE

Document Version Date: 28-May-14

<table>
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<th>RECODE</th>
<th>Instrument Variable Name:</th>
<th>Final Documentation Name: RPAP3A1</th>
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<tr>
<td>Description:</td>
<td>Female sample adults 18+ who have had a Pap smear/Pap test</td>
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<td>This is a time category recode for the time since the most recent pap test. All available information was used and the recoded variable was pre-filled with the response to the time category question first, if available. These data are provided by the respondent and are not imputed.</td>
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**Most recent Pap test, time categories (using 2005 method)**

1. A year ago or less
2. More than 1 year but not more than 2 years
3. More than 2 years but not more than 3 years
4. More than 3 years but not more than 5 years
5. Over 5 years
7. Refused
8. Not ascertained
9. Don't know

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<td>Description:</td>
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<td>Keywords:</td>
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<tr>
<td>Notes:</td>
<td>This is a time category recode for the time since the most recent pap test. This variable uses the same information collected in 2000 and 2003, and the same estimation method used in 2000.</td>
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</table>

**Most recent Pap test, time categories (using 2000 method)**

1. A year ago or less
2. More than 1 year but not more than 2 years
3. More than 2 years but not more than 3 years
4. More than 3 years but not more than 5 years
5. Over 5 years
7. Refused
8. Not ascertained
9. Don't know
What was the MAIN reason you had this Pap test - was it part of a routine exam, because of a problem, or some other reason?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX='2' and PAPHAD1='1'

Description: Female sample adults 18+ who have ever had a Pap smear

Main reason for most recent Pap test

1 Part of a routine exam
2 Because of a problem
3 Other reason
7 Refused
8 Not ascertained
9 Don't know

Doctor recommended Pap test

1 Yes
2 No
3 Did not see a doctor in the past 12 months
7 Refused
8 Not ascertained
9 Don't know
### Question ID: NAF.216_00.000

**Instrument Variable Name:** PAPWHEN  
**Final Documentation Name:** PAPWHEN

**When do you expect to have your next Pap smear or Pap test?**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>A year or less from now</td>
</tr>
<tr>
<td>02</td>
<td>More than 1 year to 3 years from now</td>
</tr>
<tr>
<td>03</td>
<td>More than 3 years to 5 years from now</td>
</tr>
<tr>
<td>04</td>
<td>More than 5 years from now</td>
</tr>
<tr>
<td>05</td>
<td>When doctor recommends it</td>
</tr>
<tr>
<td>06</td>
<td>Never, had HPV DNA test</td>
</tr>
<tr>
<td>07</td>
<td>Never, had HPV vaccine</td>
</tr>
<tr>
<td>08</td>
<td>Never, other reason</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>

**Description:** Female sample adults 18+ who have ever had a Pap smear.

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

### Question ID: NAF.220_00.000

**Instrument Variable Name:** HYST  
**Final Documentation Name:** HYST

**Have you had a hysterectomy?**

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

**Description:** Female sample adults 18+ who have not already indicated they have had a hysterectomy.

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None
Have you EVER HAD a mammogram?

*Read if necessary.

A mammogram is an x-ray taken only of the breast by a machine that presses against the breast.

Universe:  
ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2'

Description:  
Female sample adults age 30+

Sources:  
None

Recodes:  
None

Keywords:  
None

Notes:  
None

Ever had a mammogram

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
[Fill1: Earlier you said you had a mammogram.]

When did you have your MOST RECENT mammogram?

*Enter month of last mammogram.

*Enter '96' to go to number and time period format.

**Universe:** ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2' and MAMHAD='1'

**Description:** Female sample adults 30+ who have ever had a mammogram

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

**Month of most recent mammogram**

<table>
<thead>
<tr>
<th>Month</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>January</td>
</tr>
<tr>
<td>02</td>
<td>February</td>
</tr>
<tr>
<td>03</td>
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<td>December</td>
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<tr>
<td>96</td>
<td>Time period format</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>
Question ID: NAF.260_02.000

Instrument Variable Name: RMAM1_YR

Final Documentation Name: RMAM1_YR

2 of 2

*Enter year of last mammogram.

Universe: ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2' and MAMHAD='1'

Description: Female sample adults 30+ who have ever had a mammogram

Sources: None

Recodes: None

Keywords: None

Notes: None

Year of most recent mammogram

<table>
<thead>
<tr>
<th>1880-current year</th>
<th>9996</th>
</tr>
</thead>
<tbody>
<tr>
<td>1880-current year</td>
<td>Time period format</td>
</tr>
<tr>
<td>9997</td>
<td>Refused</td>
</tr>
<tr>
<td>9998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
When did you have your MOST RECENT mammogram?

*Enter number for time since last mammogram.

*Enter '95' for 95 or more.

<table>
<thead>
<tr>
<th>Time ago date of most recent mammogram</th>
<th># of units</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>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:** NAF.270_01.000

**Instrument Variable Name:** RMAM1N

**Final Documentation Name:** RMAM1N
2 of 2

*Enter time period for time since most recent mammogram.

Universe: ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997', '999')) and SEX='2' and MAMHAD='1' and RMAM1_MT='96'

Description: Female sample adults 30+ who selected number and time period format for most recent mammogram from the initial month screen

Sources: None

Recodes: None

Keywords: None

Notes: None

Time ago date of most recent mammogram: Time unit

1 Days ago
2 Weeks ago
3 Months ago
4 Years ago
7 Refused
8 Not ascertained
9 Don't know
Question ID: NAF.275_00.000

Instrument Variable Name: RMAM2

Final Documentation Name: RMAM2

Was it:

*Read answer categories.

Universe: ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2' and MAMHAD='1' and (RMAM1_MT IN ('97','98','99') or RMAM1_YR IN ('9997','9998','9999') or RMAM1N IN ('97','98','99') or RMAMIT IN ('4','7','8','9'))

Description: Female sample adults 30+ who failed to give a complete date in either the month or year format or failed to give a complete date in the number and time period format, or entered years ago in the time period format

Sources: None

Recodes: None

Keywords: None

Notes: None

Most recent mammogram, time categories

1   A year ago or less
2   More than 1 year but not more than 2 years
3   More than 2 years but not more than 3 years
4   More than 3 years but not more than 5 years
5   Over 5 years ago
7   Refused
8   Not ascertained
9   Don't know
### Question ID: RECODE  RECODE  Instrument Variable Name:  
**Final Documentation Name:** RMAM3A

**Universe:** ASTATFLG='1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2' and MAMHAD='1'

**Description:** Female sample adults 30+ who have had a mammogram

**Sources:** RMAM1_MT; RMAM1_YR; RMAM1N; RMAM1T; RMAM2

**Recodes:** None

**Keywords:** mammogram

**Notes:** This is a time category recode for the time since the most recent mammogram. All available information was used and the recoded variable was pre-filled with the response to the time category question first, if available. These data are provided by the respondent and are not imputed.

#### Most recent mammogram, time categories (using 2005 method)

1. A year ago or less
2. More than 1 year but not more than 2 years
3. More than 2 years but not more than 3 years
4. More than 3 years but not more than 5 years
5. Over 5 years ago
6. Refused
7. Not ascertained
8. Don't know

### Question ID: RECODE  RECODE  Instrument Variable Name:  
**Final Documentation Name:** RMAM3B

**Universe:** ASTATFLG='1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2' and MAMHAD='1'

**Description:** Female sample adults 30+ who have had a mammogram

**Sources:** RMAM1_MT; RMAM1_YR; RMAM1N; RMAM1T; RMAM2

**Recodes:** None

**Keywords:** mammogram

**Notes:** This is a time category recode for the time since the most recent mammogram. This variable uses the same information collected in 2000 and 2003, and the same estimation method used in 2000.

#### Most recent mammogram, time categories (using 2000 method)

1. A year ago or less
2. More than 1 year but not more than 2 years
3. More than 2 years but not more than 3 years
4. More than 3 years but not more than 5 years
5. Over 5 years ago
6. Refused
7. Not ascertained
8. Don't know
**Question ID:** NAF.310_00.000  
**Instrument Variable Name:** MAMREAS  
**Final Documentation Name:** MAMREAS

**What was the MAIN reason you had this mammogram -- was it part of a routine exam, because of a problem, or some other reason?**

**Universe:** ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2' and MAMHAD='1'

**Description:** Female sample adults 30+ who have ever had a mammogram

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

---

**Main reason for most recent mammogram**

1. Part of a routine exam
2. Because of a problem
3. Other reason
7. Refused
8. Not ascertained
9. Don’t know

---

**Question ID:** NAF.370_00.000  
**Instrument Variable Name:** MDRECMAM  
**Final Documentation Name:** MDRECMAM

**Fill:** (IF MAMHAD=1 and most recent screening exam LE 2 years from system date)  
[Was your most recent mammogram recommended by a doctor or other health professional?]

Else (IF MAMHAD=2, or MAMHAD GT 2 years from system date or RMAM2=R,D)  
[In the PAST 12 MONTHS, has a doctor or other health professional RECOMMENDED that you have a mammogram?]

**Universe:** ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2' and MAMHAD not IN('7','9')

**Description:** Female sample adults 30+ who did not answer refused or don’t know to initial mammogram question

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

---

**Doctor recommended mammogram**

1. Yes
2. No
3. Did not see a doctor in the past 12 months
7. Refused
8. Not ascertained
9. Don’t know
Question ID: NAF.427_00.000
Instrument Variable Name: PSAREC
Final Documentation Name: PSAREC

Has a doctor EVER recommended that you have a PSA test?

*Read if necessary. A PSA test is a blood test to detect prostate cancer. It is also called a prostate-specific antigen test.

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: None
Notes: None

Doctor recommended a PSA test

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

Question ID: NAF.430_00.000
Instrument Variable Name: PSAHAD
Final Documentation Name: PSAHAD

Have you EVER HAD a PSA test?

*Read if necessary. A PSA test is a blood test to detect prostate cancer. It is also called a prostate-specific antigen test.

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: None
Notes: None

Ever had a PSA test

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
When did you have your MOST RECENT PSA test?

* Enter month of last PSA test.

* Enter '96' to go to number and time period format.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and SEX='1' and PSAHAD='1'

Description: Male sample adults 40+ who have had a PSA test

Month of most recent PSA test

01 January
02 February
03 March
04 April
05 May
06 June
07 July
08 August
09 September
10 October
11 November
12 December
96 Time period format
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** NAF.440_01.000

* Enter year of last PSA test.

**Universe:** ASTATFLG = '1' and (AGE GE '040' and AGE not IN (997,999)) and SEX='1' and PSAHAD='1'

**Description:** Male sample adults 40+ who have had a PSA test

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

---

<table>
<thead>
<tr>
<th>Year of most recent PSA test</th>
</tr>
</thead>
<tbody>
<tr>
<td>1880-current</td>
</tr>
<tr>
<td>9996</td>
</tr>
<tr>
<td>9997</td>
</tr>
<tr>
<td>9998</td>
</tr>
<tr>
<td>9999</td>
</tr>
</tbody>
</table>
When did you have your MOST RECENT PSA test?

* Enter number for time since last PSA test.

* Enter '95' for 95 or more.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and SEX='1' and PSAHAD='1' and RPSA1_MT='96'

Description: Male sample adults 40+ who have selected number and time period format for most recent PSA test from the initial month screen

<table>
<thead>
<tr>
<th>Time ago date of most recent PSA test: # of units</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>
**Enter time period for time since most recent PSA test.**

* Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and SEX='1' and PSAHAD='1' and RPSA1_MT='96'

* Description: Male sample adults 40+ who have selected number and time period format for most recent PSA test from the initial month screen

<table>
<thead>
<tr>
<th>Time ago date of most recent PSA test: Time unit</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Days ago</td>
</tr>
<tr>
<td>2</td>
<td>Weeks ago</td>
</tr>
<tr>
<td>3</td>
<td>Months ago</td>
</tr>
<tr>
<td>4</td>
<td>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>
Question ID: NAF.440_04.000

Instrument Variable Name: RPSA2

Final Documentation Name: RPSA2

Was it:

*Read answer categories.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and SEX='1' and PSAHAD='1' and (RPSA1_MT IN ('97','98','99') or RPSA1_YR IN ('9997','9998','9999') or RPSA1N IN ('97','98','99') or RPSA1T IN ('4','7','8','9'))

Description: Male sample adults 40+ who failed to give a complete date in either the month or year format or failed to give a complete date in the number and time period format, or entered years ago in the time period format

Sources: None

Recodes: None

Keywords: None

Notes: None

Most recent PSA test, time categories

1 A year ago or less
2 More than 1 year but not more than 2 years
3 More than 2 years but not more than 3 years
4 More than 3 years but not more than 5 years
5 Over 5 years ago
7 Refused
8 Not ascertained
9 Don't know
### 2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Cancer Screening
PUBLIC USE
Document Version Date: 28-May-14

<table>
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<th>RECODE</th>
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<td>Final Documentation Name: RPSA3A</td>
</tr>
</tbody>
</table>

**Universe:**
ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997','999')) and SEX='1' and PSAHAD='1'

**Description:**
Male sample adults 40+ who have had a PSA test

**Sources:**
RPSA1_MT; RPSA1_YR; RPSA1N; RPSA1T; RPSA2

**Recodes:**
None

**Keywords:**
PSA test

**Notes:**
This is a time category recode for the time since the most recent PSA test. All available information was used and the recoded variable was pre-filled with the response to the time category question first, if available. These data are provided by the respondent and are not imputed.

Most recent PSA test, time categories (using 2005 method)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A year ago or less</td>
</tr>
<tr>
<td>2</td>
<td>More than 1 year but not more than 2 years</td>
</tr>
<tr>
<td>3</td>
<td>More than 2 years but not more than 3 years</td>
</tr>
<tr>
<td>4</td>
<td>More than 3 years but not more than 5 years</td>
</tr>
<tr>
<td>5</td>
<td>Over 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>
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<table>
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<tr>
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<th>RECODE</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Final Documentation Name: RPSA3B</td>
</tr>
</tbody>
</table>

**Universe:**
ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997','999')) and SEX='1' and PSAHAD='1'

**Description:**
Male sample adults 40+ who have had a PSA test

**Sources:**
RPSA1_MT; RPSA1_YR; RPSA1N; RPSA1T; RPSA2

**Recodes:**
None

**Keywords:**
PSA test

**Notes:**
This is a time category recode for the time since the most recent PSA test. This variable uses the same information collected in 2000 and 2003, and the same estimation method used in 2000.

Most recent PSA test, time categories (using 2000 method)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A year ago or less</td>
</tr>
<tr>
<td>2</td>
<td>More than 1 year but not more than 2 years</td>
</tr>
<tr>
<td>3</td>
<td>More than 2 years but not more than 3 years</td>
</tr>
<tr>
<td>4</td>
<td>More than 3 years but not more than 5 years</td>
</tr>
<tr>
<td>5</td>
<td>Over 5 years ago</td>
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<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
What was the MAIN reason you had this PSA test - was it part of a routine exam, because of a problem, or some other reason?

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and SEX='1' and PSAHAD='1'

Description: Male sample adults 40+ who have had a PSA test

Main reason for most recent PSA test

1   Part of a routine exam
2   Because of a problem
3   Other reason
7   Refused
8   Not ascertained
9   Don't know
Colonoscopy (colon-OS-copy) and sigmoidoscopy (sigmoid-OS-copy) are exams in which a doctor inserts a tube into the rectum to look for polyps or cancer. For a colonoscopy, the doctor checks the entire colon, and you are given medication through a needle in your arm to make you sleepy, and told to have someone drive you home. For a sigmoidoscopy, the doctor checks only part of the colon and you are fully awake.

Have you EVER HAD a colonoscopy?

*Read if necessary:

A polyp is a small growth that develops on the inside of the colon or rectum.

Before these tests, you are asked to take a medication that causes diarrhea.

Universe: $\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '040' \text{ and } \text{AGE} \text{ not IN ('997','999'))}$

Description: Sample adults 40+

<table>
<thead>
<tr>
<th>Ever had a colonoscopy</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>
When did you have your MOST RECENT colonoscopy?

*Enter month of last exam.

*Enter '96' to go to number and time period format.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and COLHAD='1'

Description: Sample adults 40+ who have ever had a colonoscopy

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

Month of most recent colonoscopy

<table>
<thead>
<tr>
<th>Month</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>January</td>
</tr>
<tr>
<td>02</td>
<td>February</td>
</tr>
<tr>
<td>03</td>
<td>March</td>
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<td>04</td>
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<td>May</td>
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<td>06</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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Question ID: NAF.560_02.000
Instrument Variable Name: COL_YR
Final Documentation Name: COL_YR

2 of 2

*Enter year of last colonoscopy.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN (997,999)) and COLHAD='1'
Description: Sample adults 40+ who have ever had a colonoscopy

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

Year of most recent colonoscopy

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<th>Description</th>
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</table>

Question ID: NAF.570_01.000
Instrument Variable Name: COLN
Final Documentation Name: COLN

1 of 2

When did you have your MOST RECENT colonoscopy?

*Enter number for time since last colonoscopy.

*Enter '95' for 95 or more.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN (997,999)) and COLHAD='1' and COL_MT='96'
Description: Sample adults 40+ who selected number and time period format for most recent colonoscopy from the initial month screen

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

Time ago date of most recent colonoscopy: # of units

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<tbody>
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<tr>
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<td>95+</td>
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</tr>
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**Question ID:** NAF.570_02.000

**Instrument Variable Name:** COLT

**Final Documentation Name:** COLT

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<th>2 of 2</th>
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</table>

**Enter time period for time since most recent colonoscopy.**

**Universe:** ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and COLHAD='1' and COL_MT='96'

**Description:** Sample adults 40+ who selected number and time period format for most recent colonoscopy from the initial month screen

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Time ago date of most recent colonoscopy:** Time unit

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<td>Months ago</td>
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<tr>
<td>8</td>
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</tr>
<tr>
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**2013 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
*samadult : Adult Cancer Screening*  
**PUBLIC USE**  
**Document Version Date:** 28-May-14

**Question ID:** NAF.575_00.000  
**Instrument Variable Name:** COL2  
**Final Documentation Name:** COL2

**Was it:**

*Read answer categories.*

**Universe:** ASTATFLG = '1' and (AGE GE '040' and AGE not IN (997,'999')) and COLHAD='1' and (COL_MT IN (97,98,99) or COL_YR IN (9997,9998,9999) or COLN IN (97,98,99) or COLT IN (4,7,8,9))

**Description:** Sample adults 40+ who failed to give a complete date in either the month or year format or failed to give a complete date in the number and time period format, or entered years ago in the time period format

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

**Most recent colonoscopy, time categories**

1. A year ago or less
2. More than 1 year but not more than 2 years
3. More than 2 years but not more than 3 years
4. More than 3 years but not more than 5 years
5. More than 5 years but not more than 10 years
6. Over 10 years ago
7. Refused
8. Not ascertained
9. Don't know
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Cancer Screening
PUBLIC USE
Document Version Date: 28-May-14

Question ID: RECODE

Instrument Variable Name:
Final Documentation Name: COL3A

Universe: ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997','999')) and COLHAD='1'

Description: Sample adults 40+ who have had a colonoscopy

 Sources: COL_MT; COL_YR; COLN; COLT; COL2

Recodes: None

Keywords: colonoscopy

Notes: This is a time category recode for the time since the most recent colonoscopy. All available information was used and the recoded variable was pre-filled with the response to the time category question first, if available. These data are provided by the respondent and are not imputed.

Most recent colonoscopy, time categories (using 2005 method)

1  A year ago or less
2  More than 1 year but not more than 2 years
3  More than 2 years but not more than 3 years
4  More than 3 years but not more than 5 years
5  More than 5 years but not more than 10 years
6  Over 10 years ago
7  Refused
8  Not ascertained
9  Don't know
### samadult : Adult Cancer Screening

#### Question ID: RECODE

**Instrument Variable Name:**

- **Final Documentation Name:** COL3B

**Universe:** 

- ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997','999')) and COLHAD='1'

**Description:** Sample adults 40+ who have had a colonoscopy

**Sources:** 

- COL_MT; COL_YR; COLN; COLT; COL2

**Recodes:** None

**Keywords:** colonoscopy

**Notes:** This is a time category recode for the time since the most recent colonoscopy. This variable uses the same information collected in 2000 and 2003, and the same estimation method used in 2000.

**Most recent colonoscopy, time categories (using 2000 method)**

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<td>A year ago or less</td>
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<tr>
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<td>More than 1 year but not more than 2 years</td>
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<tr>
<td>3</td>
<td>More than 2 years but not more than 3 years</td>
</tr>
<tr>
<td>4</td>
<td>More than 3 years but not more than 5 years</td>
</tr>
<tr>
<td>5</td>
<td>More than 5 years but not more than 10 years</td>
</tr>
<tr>
<td>6</td>
<td>Over 10 years ago</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: NAF.590_00.000

**Instrument Variable Name:** COLREAS

**Final Documentation Name:** COLREAS

**What was the MAIN reason you had this colonoscopy - was it part of a routine exam, because of a problem, as a follow-up test of an earlier test or screening exam, or some other reason?**

**Universe:** 

- ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and COLHAD='1'

**Description:** Sample adults 40+ who have had a colonoscopy

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Main reason for most recent colonoscopy**

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<tr>
<th>Category</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Part of a routine exam</td>
</tr>
<tr>
<td>2</td>
<td>Because of a problem</td>
</tr>
<tr>
<td>3</td>
<td>Follow-up test of an earlier test or screening exam</td>
</tr>
<tr>
<td>4</td>
<td>Other reason</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>
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</table>
Recall that a sigmoidoscopy is similar to a colonoscopy but the doctor checks only part of the colon and you are fully awake. Have you EVER HAD a sigmoidoscopy?

**Question ID:** NAF.591_00.000
**Instrument Variable Name:** SIGHAD
**Final Documentation Name:** SIGHAD

**Universe:** ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997', '999'))

**Description:** Sample adults 40+

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Ever had a Sigmoidoscopy**

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<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>No</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>
1 of 2

When did you have your MOST RECENT sigmoidoscopy?

*Enter month of last exam.

*Enter '96' to go to number and time period format.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and SIGHAD='1'

Description: Sample adults 40+ who have ever had a sigmoidoscopy

Sources: None

Recodes: None

Keywords: None

Notes: None

Month of most recent Sigmoidoscopy

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2013 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Cancer Screening  
PUBLIC USE  
Document Version Date: 28-May-14

**Question ID:** NAF.593_02.000  
Instrument Variable Name: SIG_YR  
Final Documentation Name: SIG_YR

2 of 2

*Enter year of last sigmoidoscopy.*

**Universe:**  
ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and SIGHAD='1'

**Description:**  
Sample adults 40+ who have ever had a sigmoidoscopy

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

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<tbody>
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**Question ID:** NAF.594_01.000  
Instrument Variable Name: SIGN  
Final Documentation Name: SIGN

1 of 2

When did you have your MOST RECENT sigmoidoscopy?

*Enter number for time since last sigmoidoscopy.*

*Enter '95' for 95 or more.

**Universe:**  
ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and SIGHAD='1' and SIG_MT='96'

**Description:**  
Sample adults 40+ who selected number and time period format for most recent sigmoidoscopy from the initial month screen

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

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**Question ID:** NAF.595_02.000  
**Instrument Variable Name:** SIGT  
**Final Documentation Name:** SIGT

2 of 2

*Enter time period for time since most recent sigmoidoscopy.*

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

**Time ago date of most recent Sigmoidoscopy: Time unit**

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<tbody>
<tr>
<td>1</td>
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Was it:

*Read answer categories.

Universe:  
ASTATFLG = '1' and (AGE GE '040' and AGE not IN (997,999)) and SIGHAD='1' and (SIG_MT IN (97,98,99) or SIG_YR IN (9997,9998,9999) or SIGN IN (97,98,99) or SIGT IN (4,7,8,9))

Description: Sample adults 40+ who failed to give a complete date in either the month or year format or failed to give a complete date in the number and time period format, or entered years ago in the time period format

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

Most recent Sigmoidoscopy, time categories

1  A year ago or less
2  More than 1 year but not more than 2 years
3  More than 2 years but not more than 3 years
4  More than 3 years but not more than 5 years
5  More than 5 years but not more than 10 years
6  Over 10 years ago
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** RECODE

**Instrument Variable Name:** RECODE

**Final Documentation Name:** SIG3A

**Universe:** ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997','999')) and SIGHAD='1'

**Description:** Sample adults 40+ who have had a Sigmoidoscopy

**Sources:** SIG_MT; SIG_YR; SIGN; SIGT; SIG2

**Recodes:** None

**Keywords:** Sigmoidoscopy

**Notes:** This is a time category recode for the time since the most recent Sigmoidoscopy. All available information was used and the recoded variable was pre-filled with the response to the time category question first, if available. These data are provided by the respondent and are not imputed.

**Most recent Sigmoidoscopy, time categories (using 2005 method)**

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<td>5</td>
<td>More than 5 years but not more than 10 years</td>
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<tr>
<td>6</td>
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### Question ID: RECODE

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**Notes:** This is a time category recode for the time since the most recent sigmoidoscopy. This variable uses the same information collected in 2000 and 2003, and the same estimation method used in 2000.

### Question ID: NAF.597_00.000

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<td>Because of a problem</td>
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<td>3</td>
<td>Follow-up test of an earlier test or screening exam</td>
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<td>Other reason</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
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</table>

**Notes:**
The following questions are about the blood stool or occult blood test, a test to determine whether you have blood in your stool or bowel movement. The blood stool test can be done at home using a kit. You use a stick or brush to obtain a small amount of stool at home and send it back to the doctor or lab.

**Have you EVER HAD a blood stool test, using a HOME test kit?**

*Read if necessary:

Do not include tests done at the doctor's office.

<table>
<thead>
<tr>
<th>Universe</th>
<th>ASTATFLG = '1' and (AGE GE '040' and AGE not IN (997,999))</th>
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</thead>
<tbody>
<tr>
<td>Description</td>
<td>Sample adults 40+</td>
</tr>
</tbody>
</table>

| Sources | None |
| Recodes | None |
| Keywords | None |
| Notes | None |

Had blood stool test using home test kit

<p>| | |</p>
<table>
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<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
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</table>
Question ID: NAF.640_01.000

Instrument Variable Name: RHFO1_MT

Final Documentation Name: RHFO1_MT

1 of 2

When did you have your MOST RECENT blood stool test using a kit at home?

*Enter month of last home blood stool test.

*Enter '96' to go to number and time period format.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and HFOBHAD='1'

Description: Sample adults 40+ who have ever had a home blood stool test

Sources: None

Recodes: None

Keywords: None

Notes: None

Month of most recent home blood stool test

01 January
02 February
03 March
04 April
05 May
06 June
07 July
08 August
09 September
10 October
11 November
12 December
96 Time period format
97 Refused
98 Not ascertained
99 Don't know
Question ID: NAF.640_02.000

Instrument Variable Name: RHFO1_YR

Final Documentation Name: RHFO1_YR

2 of 2

*Enter year of last home blood stool test.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and HFOBHAD='1'

Description: Sample adults 40+ who have ever had a home blood stool test

Sources: None

Recodes: None

Keywords: None

Notes: None

Year of most recent home blood stool test

<table>
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<th>Year</th>
<th>Description</th>
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<td>1880-current year</td>
<td>1880-current year</td>
</tr>
<tr>
<td>9996</td>
<td>Time period format</td>
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</table>
Question ID: NAF.650_01.000  
Instrument Variable Name: RHFO1N  
Final Documentation Name: RHFO1N

1 of 2

When did you have your MOST RECENT blood stool test using a kit at home?

*Enter number for time since last home blood stool test.

*Enter '95' for 95 or more.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and HFOBHAD='1' and RHFO1_MT='96'

Description: Sample adults 40+ who selected number and time period format for most recent home blood stool test from the initial month screen

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

Time ago date of most recent home blood stool test: # of units

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<th>Code</th>
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<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</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: NAF.650_02.000
Instrument Variable Name: RHFO1T
Final Documentation Name: RHFO1T

2 of 2

*Enter time period for time since most recent home blood stool test.

Universe: ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and HFOBHAD='1' and RHFO1_MT='96'

Description: Sample adults 40+ who selected number and time period format for most recent home blood stool test from the initial month screen

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

Time ago date of most recent home blood stool test: Time unit

1     Days ago
2     Weeks ago
3     Months ago
4     Years ago
7     Refused
8     Not ascertained
9     Don't know
<table>
<thead>
<tr>
<th>Question ID:</th>
<th>NAF.655_00.000</th>
<th>Instrument Variable Name:</th>
<th>RHFO2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Final Documentation Name:</td>
<td>RHFO2</td>
</tr>
</tbody>
</table>

Was it:

*Read answer categories.

**Universe:** ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and HFOBHAD='1' and (RHFO1_MT IN ('97','98','99') or RHFO1_YR IN ('9997','9998','9999') or RHFO1N IN ('97','98','99') or RHFO1T IN ('4','7','8','9'))

**Description:** Sample adults 40+ who failed to give a complete date in either the month or year format or failed to give a complete date in the number and time period format, or entered years ago in the time period format

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Most recent home blood stool test, time categories**

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<tr>
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<td>A year ago or less</td>
</tr>
<tr>
<td>2</td>
<td>More than 1 year but not more than 2 years</td>
</tr>
<tr>
<td>3</td>
<td>More than 2 years but not more than 3 years</td>
</tr>
<tr>
<td>4</td>
<td>More than 3 years but not more than 5 years</td>
</tr>
<tr>
<td>5</td>
<td>More than 5 years but not more than 10 years</td>
</tr>
<tr>
<td>6</td>
<td>Over 10 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>
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</table>
**2013 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
**samadult : Adult Cancer Screening**  
**PUBLIC USE**  
**Document Version Date: 28-May-14**

| **Question ID:** | RECODE   | RECODE   | Instrument Variable Name:  
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<tbody>
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<td></td>
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<td>Final Documentation Name: RHFOB3A</td>
</tr>
</tbody>
</table>

**Universe:** ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997','999')) and HFOBHAD='1'

**Description:** Sample adults 40+ who have had a home blood stool test

**Sources:** RHFO1_MT; RHFO1_YR; RHFO1N; RHFO1T; RHFO2

**Recodes:** None

**Keywords:** blood stool test; kit; home

**Notes:** This is a time category recode for the time since the most recent blood stool test using a kit at home. All available information was used and the recoded variable was pre-filled with the response to the time category question first, if available. These data are provided by the respondent and are not imputed.

**Most recent home blood stool test, time categories (using 2005 method)**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>A year ago or less</td>
</tr>
<tr>
<td>2</td>
<td>More than 1 year but not more than 2 years</td>
</tr>
<tr>
<td>3</td>
<td>More than 2 years but not more than 3 years</td>
</tr>
<tr>
<td>4</td>
<td>More than 3 years but not more than 5 years</td>
</tr>
<tr>
<td>5</td>
<td>More than 5 years but not more than 10 years</td>
</tr>
<tr>
<td>6</td>
<td>Over 10 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>
### Question ID: RECODE

| Universe: | ASTATFLG='1' and (AGE GE '040' and AGE not IN ('997','999')) and HFOBHAD='1' |
| Description: | Sample adults 40+ who have had a home blood stool test |
| Sources: | RHFO1_MT; RHFO1_YR; RHFO1N; RHFO1T; RHFO2 |
| Recodes: | None |
| Keywords: | blood stool test; kit; home |
| Notes: | This is a time category recode for the time since the most recent blood stool test using a kit at home. This variable uses the same information collected in 2000 and 2003, and the same estimation method used in 2000. |

#### Most recent home blood stool test, time categories (using 2000 method)

1. A year ago or less
2. More than 1 year but not more than 2 years
3. More than 2 years but not more than 3 years
4. More than 3 years but not more than 5 years
5. More than 5 years but not more than 10 years
6. Over 10 years ago
7. Refused
8. Not ascertained
9. Don't know

### Question ID: NAF.660_00.000

| Instrument Variable Name: | HFOBREA1 |
| Final Documentation Name: | HFOBREA1 |

#### What was the MAIN reason you had this home blood stool test - was it part of a routine exam, because of a problem, or some other reason?

| Universe: | ASTATFLG = '1' and (AGE GE '040' and AGE not IN ('997','999')) and HFOBHAD='1' |
| Description: | Sample adults 40+ who have had a home blood stool test |
| Sources: | None |
| Recodes: | None |
| Keywords: | None |
| Notes: | None |

#### Main reason for most recent home blood stool test

1. Part of a routine exam
2. Because of a problem
3. Other reason
4. Refused
5. Not ascertained
6. Don't know
Question ID: NAF.750_00.000
Instrument Variable Name: COLPROB
Final Documentation Name: COLPROB1

In the PAST 12 MONTHS, did a doctor or other health professional RECOMMEND that you be tested to look for problems in your colon or rectum?

Universe: ASTATFLG = '1' and AGE GE '040' and AGE not IN ('997','999') and COLPROB_FLG = '1'
Description: Sample adults 40+ who have NOT had a colonoscopy in the past 10 years, sigmoidoscopy in the past 5 years, CT colonography in the past 5 years, or home blood stool test in the last year

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

Doctor recommended you be tested for colon/rectum problems, past 12 months

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

Question ID: ASI.130_00.000
Instrument Variable Name: ACICPUSE
Final Documentation Name: ASICPUSE

These questions are about you and your neighborhood.

How often do you use a computer?

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

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

How often do you use a computer

1  Never or almost never
2  Some days
3  Most days
4  Every day
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ASL140_00.000  
**Instrument Variable Name:** ACISATHC  
**Final Documentation Name:** ASISATHC

**In general, how satisfied are you with the health care you received in the past 12 months?**

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

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** health care  
**Notes:** None

How satisfied with health care, past 12 mo

1. Very satisfied  
2. Somewhat satisfied  
3. Somewhat dissatisfied  
4. Very dissatisfied  
5. You haven't had health care in the past 12 months  
7. Refused  
8. Not ascertained  
9. Don't know

---

**Question ID:** ASL150_00.000  
**Instrument Variable Name:** ACITENUR  
**Final Documentation Name:** ASITENUR

**About how long have you lived in your present neighborhood?**

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

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** neighborhood; tenure  
**Notes:** None

Length of time living in neighborhood

1. Less than 1 year  
2. 1-3 years  
3. 4-10 years  
4. 11-20 years  
5. More than 20 years  
7. Refused  
8. Not ascertained  
9. Don't know
How much do you agree or disagree with the following statements about your neighborhood?

People in this neighborhood help each other out.

Would you say…

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

Sources: None
Recodes: None
Keywords: residence; neighborhood; neighborhood attachment
Notes: None

Agree/disagree…people in neighborhood help each other

1  Definitely agree
2  Somewhat agree
3  Somewhat disagree
4  Definitely disagree
7  Refused
8  Not ascertained
9  Don't know
How much do you agree or disagree with the following statements about your neighborhood?

There are people I can count on in this neighborhood.

Would you say…

Agree/disagree…people I count on in neighborhood

<table>
<thead>
<tr>
<th></th>
<th>Definitely agree</th>
<th>Somewhat agree</th>
<th>Somewhat disagree</th>
<th>Definitely disagree</th>
<th>Refused</th>
<th>Not ascertained</th>
<th>Don't know</th>
</tr>
</thead>
<tbody>
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<td>9</td>
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</tbody>
</table>
How much do you agree or disagree with the following statements about your neighborhood?

People in this neighborhood can be trusted.

Would you say…

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

Sources: None

Recodes: None

Keywords: residence; neighborhood; neighborhood attachment

Notes: None

Agree/disagree…people in neighborhood can be trusted

1   Definitely agree
2   Somewhat agree
3   Somewhat disagree
4   Definitely disagree
7   Refused
8   Not ascertained
9   Don't know
How much do you agree or disagree with the following statements about your neighborhood?

This is a close-knit neighborhood.

Would you say…

Universes: 

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: residence; neighborhood; neighborhood attachment

Notes: None

Agree/disagree…close-knit neighborhood

1  Definitely agree
2  Somewhat agree
3  Somewhat disagree
4  Definitely disagree
7  Refused
8  Not ascertained
9  Don't know

Which of the following best represents how you think of yourself?

Universes: 

A STATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and SEX='1'

Description: Male sample adults 18+

Sources: None

Recodes: None

Keywords: Sexual orientation

Notes: None


How you think of yourself (sexual orientation; male)

1  Gay
2  Straight, that is, not gay
3  Bisexual
4  Something else
5  I don't know the answer
7  Refused
8  Not ascertained
Which of the following best represents how you think of yourself?

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: Sexual orientation
Notes: None

How do you think of yourself (Sexual orientation; female)

1 Lesbian or gay
2 Straight, that is, not lesbian or gay
3 Bisexual
4 Something else
5 I don't know the answer
7 Refused
8 Not ascertained

The next questions ask how worried you are right now about financial matters.

How worried are you right now about not having enough money for retirement? Are you...

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: worry; finance; retirement
Notes: None

How worried are you about...money for retirement

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know
How worried are you right now about not being able to pay medical costs of a serious illness or accident? Are you...

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: worry; finance; medical cost
Notes: None

How worried are you about...medical costs of illness/accident

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know

How worried are you right now about not being able to maintain the standard of living you enjoy? Are you...

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: worry; finance; standard of living
Notes: None

How worried are you about...maintaining standard of living

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASL290_00.000
Instrument Variable Name: ACICNHC
Final Documentation Name: ASICNHC

How worried are you right now about not being able to pay medical costs for normal healthcare? Are you…

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

Sources: None
Recodes: None
Keywords: worry; finance; medical costs
Notes: None

How worried are you about...medical costs of healthcare

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know

Question ID: ASL300_00.000
Instrument Variable Name: ACICCOLL
Final Documentation Name: ASICCOLL

How worried are you right now about not having enough money to pay for your children's college? Are you…

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

Sources: None
Recodes: None
Keywords: worry; finance; child education; college
Notes: None

How worried are you about...paying for children's college

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
5 This does not apply to me
7 Refused
8 Not ascertained
9 Don't know
2013 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Selected Items
PUBLIC USE
Document Version Date: 11-Jun-14

Question ID:  ASI.310_00.000  
Instrument Variable Name:  ACINBILL
Final Documentation Name:  ASINBILL

How worried are you right now about not having enough to pay your normal monthly bills? Are you…

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

Sources:  None
Recodes:  None
Keywords:  worry; finance; bills
Notes:  None

How worried are you about…paying monthly bills

1  Very worried
2  Moderately worried
3  Not too worried
4  Not worried at all
7  Refused
8  Not ascertained
9  Don't know

Question ID:  ASI.320_00.000  
Instrument Variable Name:  ACIHCST
Final Documentation Name:  ASIHCST

How worried are you right now about not being able to pay your rent, mortgage, or other housing costs? Are you…

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

Sources:  None
Recodes:  None
Keywords:  worry; finance; rent; mortgage
Notes:  None

How worried are you about…paying rent/mortgage/housing costs

1  Very worried
2  Moderately worried
3  Not too worried
4  Not worried at all
7  Refused
8  Not ascertained
9  Don't know
Question ID: ASL330_00.000
Instrument Variable Name: ACICCMP
Final Documentation Name: ASICCMP

How worried are you right now about not being able to make the minimum payments on your credit cards? Are you…

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+
Sources: None
Recodes: None
Keywords: worry; finance; credit card
Notes: None

How worried are you about…credit card payments

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
5 I don't have credit cards
7 Refused
8 Not ascertained
9 Don't know

Question ID: ASL340_00.000
Instrument Variable Name: ACISLEEP
Final Documentation Name: ASISLEEP

On average, how many hours of sleep do you get in a 24-hour period?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+
Sources: None
Recodes: None
Keywords: sleep
Notes: This variable appeared in 2004-2012 in the Adult Health Behaviors Section (AHB) on the Sample Adult file (SLEEP, AHB.210_00.000).

Hours of sleep

01-24 1-24 hours
97 Refused
98 Not ascertained
99 Don't know
Question ID: ASI.350_00.000

In the past week, how many times did you have trouble falling asleep?

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

Description: Sample adults 18+

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

# times having trouble falling asleep, past week

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<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Did not have trouble falling asleep in the past week</td>
</tr>
<tr>
<td>01-06</td>
<td>1-6 times</td>
</tr>
<tr>
<td>07</td>
<td>7 or more times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: ASI.360_00.000

In the past week, how many times did you have trouble staying asleep?

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

Description: Sample adults 18+

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

# times having trouble staying asleep, past week

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Did not have trouble staying asleep in the past week</td>
</tr>
<tr>
<td>01-06</td>
<td>1-6 times</td>
</tr>
<tr>
<td>07</td>
<td>7 or more times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** ASL370_00.000  
**Instrument Variable Name:** ACISLPMD  
**Final Documentation Name:** ASISLPMD

**In the past week, how many times did you take medication to help you fall asleep or stay asleep?**

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

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** sleep; medication  
**Notes:** None

# times taking medication for sleep, past week

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Did not take medication to help sleep in the past week</td>
</tr>
<tr>
<td>01-06</td>
<td>1-6 times</td>
</tr>
<tr>
<td>07</td>
<td>7 or more times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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**Question ID:** ASL380_00.000  
**Instrument Variable Name:** ACIREST  
**Final Documentation Name:** ASIREST

**In the past week, on how many days did you wake up feeling well rested?**

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

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** sleep; rest  
**Notes:** None

Days woke up feeling rested, past week

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Never felt rested in the past week</td>
</tr>
<tr>
<td>01-07</td>
<td>1-7 days</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 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 18+

Sources: None

Recodes: None

Keywords: depression; sadness; feeling; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (SAD, ACN.471_01.000).

So sad nothing cheers you up, 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 nervous?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: nervous; feeling; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (NERVOUS, ACN.471_02.000).

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
7 Refused
8 Not ascertained
9 Don't know
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 18+

Sources: None

Recodes: None

Keywords: restless; fidgety; feeling; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (RESTLESS, ACN.471_03.000)

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
7. Refused
8. Not ascertained
9. Don't know
During the PAST 30 DAYS, how often did you feel hopeless?

<table>
<thead>
<tr>
<th>How often felt hopeless, past 30 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
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<tr>
<td>3</td>
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<tr>
<td>4</td>
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<td>5</td>
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<tr>
<td>7</td>
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<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
Question ID: ASL390_05.000

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 18+

Sources: None

Recodes: None

Keywords: lack vitality; effort; feeling; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (EFFORT, ACN.471_05.000)

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
During the PAST 30 DAYS, how often did you feel...worthless?

**Question ID:** ASL390_06.000  
**Instrument Variable Name:** ACIWT HLS  
**Final Documentation Name:** ASIWTHLS  
**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))  
**Description:** Sample adults 18+  
**Sources:** None  
**Recodes:** None  
**Keywords:** worthless; depressed; feeling; mental health  
**Notes:** This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (WORTHLS, ACN.471_06.000)  

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
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 (ASISAD IN('1','2','3') or ASINERV IN('1','2','3') or ASIRSTLS IN('1','2','3') or ASIHOPLS IN('1','2','3') or ASIEFFRT IN('1','2','3') or ASIWHLS IN('1','2','3'))`

Description: Sample adults 18+ 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

Sources: None
Recodes: None
Keywords: feelings; detrimental; mental health
Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (MHAMTMO, ACN.530_00.000)

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 18+

Sources: None
Recodes: None
Keywords: access; AIDS test; HIV test; blood test
Notes: 2013 permanent variable. In 2012, this variable was located in the Adult Access to Health Care & Utilization Section (AAU) on the Sample Adult file (HIVST1, AAU.700_00.000).
I am going to show you a list of reasons why some people have not been tested for HIV (the virus that causes AIDS). Which one of these would you say is the MAIN reason why you have not been tested?

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

Description: Sample adults 18+ who have never been tested for HIV

Main reason not tested for HIV

01 It's unlikely you've been exposed to HIV
02 You were afraid to find out if you were HIV positive (that you had HIV)
03 You didn't want to think about HIV or about being HIV positive
04 You were worried your name would be reported to the government if you tested positive
05 You didn't know where to get tested
06 You don't like needles
07 You were afraid of losing job, insurance, housing, friends, family, if people knew you were positive for AIDS infection
08 Some other reason
09 No particular reason
97 Refused
98 Not ascertained
99 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+

Internet use

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

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

Frequency internet use: # of units

001-995  1-995
997  Refused
998  Not ascertained
999  Don't know
**Question ID:** AWB.020_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**

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
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<td>Per week</td>
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<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>
</tr>
</tbody>
</table>

---

**Question ID:** AWB.030_00.000  
**Instrument Variable Name:** AWEBEML  
**Final Documentation Name:** AWEBEML

**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**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<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>
2013 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Internet and Email Usage  
PUBLIC USE  
Document Version Date: 28-May-14

<table>
<thead>
<tr>
<th>Question ID: AWB.050_01.000</th>
<th>Instrument Variable Name: AWEBMNO</th>
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</thead>
<tbody>
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<td></td>
<td>Final Documentation Name: AWEBMNO</td>
</tr>
<tr>
<td>1 of 2</td>
<td></td>
</tr>
</tbody>
</table>

**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**

<p>| | |</p>
<table>
<thead>
<tr>
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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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</tbody>
</table>

<table>
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<th>Instrument Variable Name: AWEBMTP</th>
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<tr>
<td></td>
<td>Final Documentation Name: AWEBMTP</td>
</tr>
<tr>
<td>2 of 2</td>
<td></td>
</tr>
</tbody>
</table>

**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**

<p>| |</p>
<table>
<thead>
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<tbody>
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<td>4</td>
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<tr>
<td>7</td>
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<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
### INDSTRAY 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</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Response Values</td>
<td>Output Response Values</td>
<td>Output Response Labels</td>
</tr>
<tr>
<td>Agriculure Industries</td>
<td></td>
<td></td>
</tr>
<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>Mining Industries</td>
<td></td>
<td></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>Utilities Industries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0570, 0580, 0590, 0670, 0680, 0690</td>
<td>09</td>
<td>Miscellaneous manufacturing</td>
</tr>
<tr>
<td>0770</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1070, 1080, 1090, 1170, 1180, 1190, 1270, 1280, 1370, 1390</td>
<td>11</td>
<td>Agriculture industries</td>
</tr>
<tr>
<td>1470, 1490, 1499</td>
<td>12</td>
<td>Beverage and tobacco product manufacturing</td>
</tr>
<tr>
<td>1570, 1580, 1670</td>
<td>13</td>
<td>Textile mills</td>
</tr>
<tr>
<td>1680, 1690, 1770</td>
<td>14</td>
<td>Textile product mills</td>
</tr>
<tr>
<td>1790</td>
<td>15</td>
<td>Apparel manufacturing</td>
</tr>
<tr>
<td>3770, 3780, 3790, 3870</td>
<td>16</td>
<td>Leather and allied product manufacturing</td>
</tr>
<tr>
<td>1870, 1880, 1890</td>
<td>17</td>
<td>Wood product manufacturing</td>
</tr>
<tr>
<td>1990</td>
<td>18</td>
<td>Paper manufacturing</td>
</tr>
<tr>
<td>2070, 2090</td>
<td>19</td>
<td>Printing and related support activities</td>
</tr>
<tr>
<td>2170, 2180, 2190, 2270, 2280, 2290</td>
<td>20</td>
<td>Petroleum and coal products manufacturing</td>
</tr>
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<td>2370, 2380, 2390</td>
<td>21</td>
<td>Chemical manufacturing</td>
</tr>
<tr>
<td>2470, 2480, 2490, 2570, 2590</td>
<td>22</td>
<td>Plastics and rubber products manufacturing</td>
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<tr>
<td>2670, 2680, 2690, 2770, 2780, 2990</td>
<td>23</td>
<td>Nonmetallic mineral product manufacturing</td>
</tr>
<tr>
<td>2970, 2980, 2870, 2890, 2970, 2980</td>
<td>24</td>
<td>Primary metal manufacturing</td>
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<tr>
<td>3070, 3080, 3090, 3170, 3180, 3190, 3290</td>
<td>25</td>
<td>Fabricated metal product manufacturing</td>
</tr>
<tr>
<td>3360, 3370, 3380, 3390</td>
<td>26</td>
<td>Machinery manufacturing</td>
</tr>
<tr>
<td>3470, 3490</td>
<td>27</td>
<td>Computer and electronic product manufacturing</td>
</tr>
<tr>
<td>3570, 3580, 3590, 3670, 3680, 3690</td>
<td>28</td>
<td>Electrical equipment, appliance, and component manufacturing</td>
</tr>
<tr>
<td>3890</td>
<td>29</td>
<td>Transportation equipment manufacturing</td>
</tr>
<tr>
<td>3980, 3970, 3980, 3990</td>
<td>30</td>
<td>Furniture and related product manufacturing</td>
</tr>
<tr>
<td>Wholesale Trade Industries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4070, 4080, 4090, 4170, 4180, 4190, 4260, 4270, 4280, 4290</td>
<td>31</td>
<td>Miscellaneous manufacturing</td>
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<td>4370, 4380, 4390, 4470, 4480, 4490, 4580, 4570, 4560, 4585</td>
<td>32</td>
<td>Merchant wholesalers, durable goods</td>
</tr>
<tr>
<td>4590</td>
<td>33</td>
<td>Merchant wholesalers, nondurable goods</td>
</tr>
<tr>
<td>Retail Trade Industries</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4670, 4680, 4690</td>
<td>34</td>
<td>Non-specified wholesale trade</td>
</tr>
<tr>
<td>4770</td>
<td>35</td>
<td>Motor vehicle and parts dealers</td>
</tr>
<tr>
<td>4780, 4790</td>
<td>36</td>
<td>Furniture and home furnishings stores</td>
</tr>
<tr>
<td>4870, 4880, 4890</td>
<td>37</td>
<td>Electronics and appliance stores</td>
</tr>
<tr>
<td>4970, 4980, 4990</td>
<td>38</td>
<td>Building material and garden equipment and supplies dealers</td>
</tr>
<tr>
<td>5070, 5080</td>
<td>39</td>
<td>Food and beverage stores</td>
</tr>
<tr>
<td>5090</td>
<td>40</td>
<td>Health and personal care stores</td>
</tr>
<tr>
<td>5170, 5180, 5190</td>
<td>41</td>
<td>Gasoline stations</td>
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<tr>
<td>5270, 5280, 5290, 5370</td>
<td>42</td>
<td>Clothing and clothing accessories stores</td>
</tr>
<tr>
<td>5380, 5390</td>
<td>43</td>
<td>Sporting goods, camera, hobby, book and music stores</td>
</tr>
<tr>
<td>5470, 5490, 5590, 5670, 5580</td>
<td>44</td>
<td>General merchandise stores</td>
</tr>
<tr>
<td>5590, 5591, 5692, 5670, 5690, 5790</td>
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<td>Miscellaneous store retailers</td>
</tr>
<tr>
<td>6070, 6080, 6090, 6170, 6180, 6190, 6270, 6280, 6370, 6380</td>
<td>46</td>
<td>Nonstore retailers and non-specified retail trade</td>
</tr>
<tr>
<td>6390</td>
<td>47</td>
<td>Transportation and Warehousing Industries</td>
</tr>
<tr>
<td>6470, 6480, 6490</td>
<td>48</td>
<td>Transportation (excluding support activities for transportation)</td>
</tr>
<tr>
<td>6570, 6590</td>
<td>49</td>
<td>Postal service, couriers, and messengers</td>
</tr>
<tr>
<td>6670, 6680, 6690</td>
<td>50</td>
<td>Warehousing and storage</td>
</tr>
<tr>
<td>6770, 6672, 6695, 6780</td>
<td>51</td>
<td>Information Industries</td>
</tr>
<tr>
<td>6870</td>
<td>52</td>
<td>Publishing industries (except internet)</td>
</tr>
<tr>
<td>6880, 6890</td>
<td>53</td>
<td>Motion picture and sound recording industries</td>
</tr>
<tr>
<td>6970</td>
<td>54</td>
<td>Broadcasting and telecommunication</td>
</tr>
<tr>
<td>6990</td>
<td>55</td>
<td>Information services and data processing</td>
</tr>
<tr>
<td>Real Estate and Rental and Leasing Industries</td>
<td></td>
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</tr>
<tr>
<td>7070</td>
<td>56</td>
<td>Finance and Insurance Industries</td>
</tr>
<tr>
<td>7080, 7170, 7180</td>
<td>57</td>
<td>Monetary authorities -- central bank</td>
</tr>
<tr>
<td>7190</td>
<td>58</td>
<td>Credit intermediation and related activities</td>
</tr>
<tr>
<td>7270, 7280, 7290, 7370, 7380, 7390, 7460, 7470, 7480, 7490</td>
<td>59</td>
<td>Securities, commodity contracts, and other financial investments and related activities</td>
</tr>
<tr>
<td>59</td>
<td>60</td>
<td>Insurance carriers and related activities</td>
</tr>
<tr>
<td>Rental and leasing services</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>61</td>
<td>Professional, Scientific, and Technical Services Industries</td>
</tr>
</tbody>
</table>
Management of Companies and Enterprises Industries

Administrative and Support and Waste Management and Remediation Services Industries

Education Services Industries

Health Care and Social Assistance Industries
- Ambulatory health care services
- Hospitals
- Nursing and residential care facilities
- Social assistance

Arts, Entertainment, and Recreation Industries
- Performing arts, spectator sports, and related industries
- Museums, historical sites, and similar institutions
- Amusement, gambling, and recreation industries

Accommodation and Food Services Industries
- Accommodation
- Food services and drinking places

Other Services (except Public Administration) Industries
- Repair and maintenance
- Personal services (barber shops, beauty salons, nail salons, laundry, funeral homes and cemetaries)
- Religious, grantmaking, civic, labor, professional, and similar organizations
- Private households

Public Administration Industries
- Refused, classified
- Not ascertained
- Don’t know

<Blank: Not in Universe>
### Numeric listing of Response Values and Labels for INDSTRN2 (simple industry recode)

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>In</td>
<td>Output</td>
<td>Response</td>
</tr>
<tr>
<td>Values</td>
<td>Values</td>
<td>Labels</td>
</tr>
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<td>01</td>
<td>Agriculture, Forestry, Fishing, and Hunting Industries</td>
</tr>
<tr>
<td>0370, 0380, 0390, 0470, 0480, 0490</td>
<td>02</td>
<td>Mining Industries</td>
</tr>
<tr>
<td>0570, 0580, 0590, 0670, 0680, 0690</td>
<td>03</td>
<td>Utilities Industries</td>
</tr>
<tr>
<td>0770</td>
<td>04</td>
<td>Construction Industries</td>
</tr>
<tr>
<td>1070, 1080, 1090, 1170, 1180, 1190, 1270, 1280, 1290, 1370, 1390, 1470, 1480, 1490, 1540, 1570, 1590, 1680, 1690, 1770, 1790, 3770, 3780, 3790, 3870, 1870, 1880, 1990, 2070, 2090, 2170, 2180, 2190, 2270, 2280, 2290, 2370, 2380, 2390, 2470, 2480, 2490, 2570, 2590, 2670, 2680, 2690, 2770, 2780, 2990, 2970, 2980, 3070, 3080, 3090, 3170, 3180, 3190, 3290, 3360, 3370, 3380, 3390, 3470, 3480, 3490, 3570, 3580, 3590, 3670, 3680, 3690, 3960, 3970, 3980, 3990</td>
<td>05</td>
<td>Manufacturing Industries</td>
</tr>
<tr>
<td>4070, 4080, 4090, 4170, 4180, 4190, 4260, 4270, 4280, 4290, 4370, 4380, 4390, 4470, 4480, 4490, 4560, 4570, 4580, 4585, 4590</td>
<td>06</td>
<td>Wholesale Trade Industries</td>
</tr>
<tr>
<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, 5690, 5699, 5692, 5670, 5680, 5690, 5790</td>
<td>07</td>
<td>Retail Trade Industries</td>
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<tr>
<td>6070, 6080, 6090, 6170, 6180, 6190, 6270, 6280, 6290, 6370, 6380, 6390</td>
<td>08</td>
<td>Transportation and Warehousing Industries</td>
</tr>
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<td>6470, 6480, 6490, 6570, 6590, 6670, 6672, 6680, 6690, 6695, 6709, 6780</td>
<td>09</td>
<td>Information Industries</td>
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<td>Real Estate and Rental and Leasing Industries</td>
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<td>Professional, Scientific, and Technical Services Industries</td>
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<td>Administrative and Support and Waste Management and Remediation Services Industries</td>
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<td>Arts, Entertainment, and Recreation Industries</td>
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<td>Accommodation and Food Services Industries</td>
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<td>Other Services (except Public Administration) Industries</td>
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<td>22</td>
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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](ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/NAICS_Sectors_and_Subsectors.pdf)
### OCCUPN APPENDIX: OCCUPATION RECODE APPENDIX based on 4-digit 2010 SOC codes

Numeric listing of Response Values and Labels for OCCUPN1 (detailed occupation recode)

<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
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#### Management Occupations
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0100, 0110, 0120, 0135, 0136, 0137, 0140, 0150, 0160  
0205, 0220, 0230, 0300, 0310, 0325, 0330, 0340, 0350, 0360, 0400, 0410, 0420, 0425, 0430  
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  
1005, 1006, 1007, 1010, 1020, 1030, 1050, 1060, 1105, 1108, 1107  
1200, 1210, 1220, 1230, 1240  
1300, 1310  
1320, 1330, 1340, 1350, 1360, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1500, 1510, 1520, 1530  
1540, 1550, 1560  
1600, 1610, 1640, 1650, 1660  
1700, 1710, 1720, 1740, 1760  
2040, 2050, 2060  
2100, 2105, 2110  
2145, 2160  
2200  
2300, 2310, 2320, 2330  
2340  
2400, 2430, 2440  
2540, 2550  
2600, 2630  
2700, 2710, 2720, 2740, 2750, 2760  
2800, 2810, 2825, 2830, 2840, 2850, 2860  
2900, 2910, 2920, 2960  
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  
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  
4000, 4010  
4020, 4030  
4040, 4050, 4060, 4110, 4120  
4130, 4140, 4150, 4160  
4200, 4210  
4220, 4230, 4240  
4250  
01  Chief executives; general and operations managers; legislators  
02  Advertising, marketing, promotions, public relations, and sales managers  
03  Operations specialties managers  
04  Other management occupations  
05  Business operations specialists  
06  Financial specialists  
07  Computer specialists  
08  Mathematical science occupations  
09  Architects, surveyors, and cartographers  
10  Engineers  
11  Drafters, engineering, and mapping technicians  
12  Life scientists  
13  Physical scientists  
14  Social scientists and related workers  
15  Life, physical, and social science technicians  
16  Counselors, social workers, and other community and social service specialists  
17  Religious workers  
18  Lawyers, judges, and related workers  
19  Legal support workers  
20  Postsecondary teachers  
21  Primary, secondary, and special education school teachers  
22  Other teachers and instructors  
23  Librarians, curators, and archivists  
24  Other education, training, and library occupations  
25  Art and design workers  
26  Entertainers and performers, sports and related workers  
27  Media and communication workers  
28  Media and communication equipment workers  
29  Health diagnosing and treating practitioners  
30  Health technologists and technicians  
31  Other healthcare practitioners and technical occupations  
32  Nursing, psychiatric, and home health aids  
33  Occupational and physical therapist assistants and aides  
34  Other healthcare support occupations  
35  First-line supervisors/managers, protective service workers  
36  Fire fighting and prevention workers  
37  Law enforcement workers  
38  Other protective service workers  
39  Supervisors, food preparation, and serving workers  
40  Cooks and food preparation workers  
41  Food and beverage serving workers  
42  Other food preparation and serving related workers  
43  Supervisors, building and grounds cleaning and maintenance workers  
44  Building cleaning and pest control workers  
45  Grounds maintenance workers
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<td>Animal care and service workers</td>
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<td>Entertainment attendants and related workers</td>
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<td>Transportation, tourism, and lodging attendants</td>
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<td>Vehicle and mobile equipment mechanics, installers, and repairers</td>
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<td>Supervisors, production workers</td>
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### Numeric listing of Response Values and Labels for OCCUPN2 (simple occupation recode)

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<td>Management Occupations</td>
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<td>Business and Financial Operations Occupations</td>
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<td>Computer and Mathematical Occupations</td>
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<td>Architecture and Engineering Occupations</td>
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<td>Life, Physical, and Social Science Occupations</td>
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<td>Community and Social Services Occupations</td>
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<td>Education, Training, and Library Occupations</td>
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<td>Arts, Design, Entertainment, Sports and Media Occupations</td>
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<td>Healthcare Practitioners and Technical Occupations</td>
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<td>Protective Service Occupations</td>
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<td>Food Preparation and Serving Related Occupations</td>
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<td>Building and Grounds Cleaning and Maintenance Occupations</td>
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<td>Farming, Fishing, and Forestry Occupations</td>
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<td>Installation, Maintenance, and Repair Occupations</td>
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Production Occupations

Transportation and Material Moving Occupations

Military Specific Occupations