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

<table>
<thead>
<tr>
<th>Record Type</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Universe:</strong></td>
</tr>
<tr>
<td><strong>Description:</strong></td>
</tr>
<tr>
<td>Sources: None</td>
</tr>
<tr>
<td>Recodes: None</td>
</tr>
<tr>
<td>Keywords: None</td>
</tr>
<tr>
<td>Notes: None</td>
</tr>
</tbody>
</table>

File type identifier

| 10 | Household |
| 20 | Person |
| 25 | Income Imputation |
| 30 | Sample Adult |
| 31 | Sample Adult Cancer |
| 38 | Functioning and Disability |
| 39 | Adult Disability Questions Test |
| 40 | Sample Child |
| 49 | Child Disability Questions Test |
| 60 | Family |
| 63 | Family Disability Questions Test |
| 65 | Paradata |
| 70 | Injury/Poisoning Episode |
| 75 | Injury/Poisoning Verbatim |

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

<table>
<thead>
<tr>
<th>Survey Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Universe:</strong></td>
</tr>
<tr>
<td><strong>Description:</strong></td>
</tr>
<tr>
<td>Sources: None</td>
</tr>
<tr>
<td>Recodes: None</td>
</tr>
<tr>
<td>Keywords: None</td>
</tr>
<tr>
<td>Notes: None</td>
</tr>
</tbody>
</table>

Year of National Health Interview Survey

<table>
<thead>
<tr>
<th>Year</th>
<th>Survey Year</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2011 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Identification Fields  
PUBLIC USE  
Document Version Date: 29-May-12
Household Number

**Universe:** All households

**Description:**

**Sources:** None

**Recodes:** None

**Keywords:** household number

**Notes:** Use this variable in combination with SRVY_YR to identify individual households.

---

Interview Quarter

**Universe:** All households

**Description:**

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Interview Quarter**

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quarter 1</td>
<td>Quarter 2</td>
<td>Quarter 3</td>
<td>Quarter 4</td>
</tr>
</tbody>
</table>
Interview Month

Universe: All households

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

Interview Month

1. January
2. February
3. March
4. April
5. May
6. June
7. July
8. August
9. September
10. October
11. November
12. December

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

1-25 Family number 1 - 25
| Question ID | IDN.000_40.000 | Instrument Variable Name: FPX  
Final Documentation Name: FPX  

**Person Number**

**Universe:** All persons  
**Description:**

**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:  
Final Documentation Name: WTIA_SA  

**Universe:**

**Description:**

**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** Format of data has an implied decimal (XXXXXX.X). This weight does not include post stratification adjustments (age, race/ethnicity, sex) to the civilian, non-institutionalized U.S. adult population using Census population controls.

Weight - Interim Annual
## Weight - Final Annual

### Question ID: IDN.000_70.000

**Instrument Variable Name:** WTFA_SA

**Final Documentation Name:** WTFA_SA

**Universe:**

**Description:**

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** This weight should be used for most sample adult analyses when using a full year of data. This weight includes post-stratification adjustments (age, race/ethnicity, sex) using Census Bureau population control totals. The sum of these weights is equal to the average of the civilian, noninstitutionalized U.S. population estimates for persons aged 18 and above for February, May, August, and November.

---

## Region

### Question ID: UCF.000_00.000 R09 RECODE

**Instrument Variable Name:** REGION

**Final Documentation Name:** REGION

**Universe:** ALL

**Description:** All records

**Sources:** None

**Recodes:** None

**Keywords:** united states; region

**Notes:** Data from Unit Control File (CENREG).

<table>
<thead>
<tr>
<th>Region</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Northeast</td>
</tr>
<tr>
<td>2</td>
<td>Midwest</td>
</tr>
<tr>
<td>3</td>
<td>South</td>
</tr>
<tr>
<td>4</td>
<td>West</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/Spanish" response category were assigned "09", and in cases where the respondent refused to answer Hispanic origin or didn't know it, this variable was assigned "10" and "11", respectively. When Hispanic origin was not ascertained, this variable was also assigned "11". In cases where "Other-specify" responses were determined to be non-Hispanic, this variable was assigned "12" for not Hispanic/Spanish origin, and ORIGIN_I was back coded to "2" or "No" (no group represented respondent's national origin). Respondents coded as "12" answered 2,7,8, or 9 in ORIGIN_I. Data came from HHC.170 & HHC.180.

Hispanic subgroup detail

<table>
<thead>
<tr>
<th>Group</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>
</tbody>
</table>
**Recode of full detail race groups**

**Universe:** AGE = All

**Description:** All persons

**Sources:** RACFULI2

**Recodes:** HRACERI2

**Keywords:** race; new OMB race standards

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

**OMB groups w/multiple race**

01 White only
02 Black/African American only
03 AIAN only
04 Asian only
05 Race group not releasable*
06 Multiple race
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Household Composition
PUBLIC USE
Document Version Date: 29-May-12

Question ID: HHC.200_01.000 R21 RECODE
Instrument Variable Name: None
Final Documentation Name: MRACRPI2

Recode

Universe: AGE = All
Description: All persons

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

Race coded to single/multiple race group

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

**Final Documentation Name:** MRACBPI2

**Recode**

**Universe:** AGE = All

**Description:** All persons

**Sources:** HHC.200; HHC.220

**Recodes:** None

**Keywords:** race; old OMB race standards; bridge variable

**Notes:** MRACBPI2 creates a bridge between the old (MRACE_P in 1997 and 1998) and the new OMB race standards (MRACER_P in 1999, MRACRP_I in 2000, 2001 and 2002, and MRACRPI2 in 2003 and beyond). Data came from HHC.200 and HHC.220. If only one valid race was given, that answer was copied from RACE1 to here. If more than one race was given, the response was copied from MLTRAC (HHC.220). When comparing NHIS health measures across years by detailed race categories, MRACBPI2 should be used. For confidentiality reasons, it is not possible to create a bridge for the API (Asian and Pacific Islander) category. * Other race is included here for bridging purposes.

**Race coded to single/multiple race group**

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

**Question ID:** HHC.420_00.000  **R01 RECODE**  **Instrument Variable Name:**

**Final Documentation Name:** AGE_P

**Recode**

**Universe:** AGE = All

**Description:** All persons

**Sources:** AGE

**Recodes:** None

**Keywords:** age

**Notes:** In most cases, data on age came from HHC.120. Because age is an important variable for instrument check items and in developing the weights, all respondents must have data on age. A series of questions in the instrument from HHC.124 through HHC.165 attempted to collect data on age when age was not given in HHC.120.

**Age**

<table>
<thead>
<tr>
<th>Code</th>
<th>Age Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Under 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Family Identification
PUBLIC USE
Document Version Date: 29-May-12

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Under 14 years</td>
</tr>
<tr>
<td>1</td>
<td>Married - spouse in household</td>
</tr>
<tr>
<td>2</td>
<td>Married - spouse not in household</td>
</tr>
<tr>
<td>3</td>
<td>Married - spouse in household unknown</td>
</tr>
<tr>
<td>4</td>
<td>Widowed</td>
</tr>
<tr>
<td>5</td>
<td>Divorced</td>
</tr>
<tr>
<td>6</td>
<td>Separated</td>
</tr>
<tr>
<td>7</td>
<td>Never married</td>
</tr>
<tr>
<td>8</td>
<td>Living with partner</td>
</tr>
<tr>
<td>9</td>
<td>Unknown marital status</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Physical or mental condition prohibits responding</td>
</tr>
<tr>
<td>2</td>
<td>Sample adult is able to respond</td>
</tr>
<tr>
<td>3</td>
<td>Unknown</td>
</tr>
</tbody>
</table>
**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

1 Yes
2 No

---

**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

1 Relative who lives in household
2 Relative who doesn't live in household
3 Other caregiver
4 Other
7 Refused
8 Not ascertained
9 Don't know
### Question ID: AID.550_00.000

**Instrument Variable Name:**

**Final Documentation 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

**Final Documentation Name:** FDRN_FLG

**Universe:**

**Description:**

**Sources:** None

**Recodes:** None

**Keywords:** Disability Questions Test; flag

**Notes:** This variable indicates whether the person was selected to receive the Family Disability (FDB) section.

#### Disability Questions Test flag

1. Families selected to receive ADB (sample adults) and CDB (sample children 1-17 years) sections
2. Families selected to receive FDB (all persons 1 year and older) and AFD (sample adults) sections
Question ID: ASD.062_00.000
Instrument Variable Name: DOINGLW2
Final Documentation Name: DOINGLWA

Corrected Employment Status Last Week

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

Sources: None
Recodes: None
Keywords: working; not working; looking for work
Notes: DOINGLWA is the ASD equivalent of DOINGLWP in the FSD section (and both variables replace 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
7   Refused
8   Not ascertained
9   Don't know
**Question ID:** ASD.065_00.000  
**Instrument Variable Name:** WHYNOWK2  
**Final Documentation Name:** WHYNOWKA

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

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

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

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

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

**Main reason for not working last week**

<table>
<thead>
<tr>
<th>Code</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Taking care of house or family</td>
</tr>
<tr>
<td>02</td>
<td>Going to school</td>
</tr>
<tr>
<td>03</td>
<td>Retired</td>
</tr>
<tr>
<td>04</td>
<td>On a planned vacation from work</td>
</tr>
<tr>
<td>05</td>
<td>On family or maternity leave</td>
</tr>
<tr>
<td>06</td>
<td>Temporarily unable to work for health reasons</td>
</tr>
<tr>
<td>07</td>
<td>Have job/contract and off-season</td>
</tr>
<tr>
<td>08</td>
<td>On layoff</td>
</tr>
<tr>
<td>09</td>
<td>Disabled</td>
</tr>
<tr>
<td>10</td>
<td>Other</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>
Have you ever held a job or worked at a business?

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

**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.

### Ever worked

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

---

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

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

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

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

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

<table>
<thead>
<tr>
<th>All Values</th>
<th>See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels.</th>
</tr>
</thead>
</table>
**2011 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
**samadult : Adult Socio-Demographic**  
PUBLIC USE  
Document Version Date: 29-May-12

<table>
<thead>
<tr>
<th>Question ID: ASD.080_00.000</th>
<th>R06 RECODE</th>
<th>Instrument Variable Name:</th>
<th>Final Documentation Name: INDSTRN2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Universe:</strong></td>
<td>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>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</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sources:</strong></td>
<td>INDSRTRYN; KINDIND</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Keywords:</strong></td>
<td>work; business; industry</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>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.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Simple industry classification (based on 2007 NAICS codes from Census)**  
All Values  
See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels.

<table>
<thead>
<tr>
<th>Question ID: ASD.090_00.000</th>
<th>R05 RECODE</th>
<th>Instrument Variable Name:</th>
<th>Final Documentation Name: OCCUPN1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Universe:</strong></td>
<td>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DOINGLWA = 1, 2, 4 or EVERWRK = 1)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>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</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Sources:</strong></td>
<td>OCCUPN; KINDWRK</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Keywords:</strong></td>
<td>work; employment; occupation</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>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.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Detailed occupation classification (based on 2010 SOC codes from Census)**  
All Values  
See Occupation Appendix at the end of the Sample Adult documentation for response categories and labels.
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.

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

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

Question ID: ASD.110_00.000  Instrument Variable Name: WRKCAT

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
**Is this business incorporated?**

**Universe:**  
ASTATFLG = '1' 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

<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: ASD.120_00.000

Instrument Variable Name: LOCALLNO

Final Documentation Name: LOCALL1A

[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
### 2011 NATIONAL HEALTH INTERVIEW SURVEY

#### Sample Adult

**samadult**: Adult Socio-Demographic

**PUBLIC USE**

**Document Version Date**: 29-May-12

---

**Question ID**: ASD.140_02.000  
**RECODE**  
**Instrument Variable 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

<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>01-34</td>
<td>01-34 years</td>
</tr>
<tr>
<td>35</td>
<td>35 or more 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**: ASD.146_00.000  
**Instrument Variable 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>
<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>
[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/most recent job:

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASD.160_00.000
Instrument Variable Name: PDSICK
Final Documentation Name: PDSICKA

[If DOINGLWA eq 1,2,4]: Do you have paid sick leave on this MAIN job or business? [Else if EVERWRK eq 1 and (WHYNOWKA eq '03' or AGE ge '065')]: Did you ever have paid sick leave on the job you held the longest? [Else if EVERWRK eq 1 and (WHYNOWKA ne '03' and AGE lt '065')]: Did you ever have paid sick leave on the job you held most recently?

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

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

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

Paid sick leave at current/most recent job

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

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

Do you have more than one job or business?

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

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

Sources: None
Recodes: None
Keywords: work; job; employment
Notes: None

Have more than one job

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Socio-Demographic
PUBLIC USE
Document Version Date: 29-May-12

Question ID: ASD.210_00.000
RECODE Instrument Variable Name: WRKLYR2
Final Documentation Name: WRKLYR4

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: All sample adults aged 18+ years

Sources: DOINGLWA, EVERWRK, WRKLYR2(i)

Recodes: None

Keywords: unemployed; employed

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

Work status: last week, past 12 months

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Had job last week</td>
</tr>
<tr>
<td>1</td>
<td>No job last week, had job past 12 months</td>
</tr>
<tr>
<td>2</td>
<td>No job last week, no job past 12 months</td>
</tr>
<tr>
<td>3</td>
<td>Never worked</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.010_00.000
Instrument Variable Name: HYPEV
Final Documentation Name: HYPEV

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

Ever been told you have hypertension

<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>
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

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: circulatory disease; heart disease; heart rhythm disorders

Notes: None

Ever been told you had a heart condition/disease

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

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

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: cerebrovascular disease; stroke; transient ischemic attack

Notes: None

Ever been told you had a stroke

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
<table>
<thead>
<tr>
<th>Question ID: ACN.031_06.000</th>
<th>Instrument Variable Name: EPHEV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Final Documentation Name: EPHEV</td>
</tr>
</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

<table>
<thead>
<tr>
<th>Ever been told you had emphysema</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>

<table>
<thead>
<tr>
<th>Question ID: ACN.080_00.000</th>
<th>Instrument Variable Name: AASMEV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Final Documentation Name: AASMEV</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

<table>
<thead>
<tr>
<th>Ever been told you had asthma</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>
### Do you still have asthma?

**Question ID:** ACN.085_00.000  
**Instrument Variable Name:** AASSTILL  
**Final Documentation Name:** AASSTILL

**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

<table>
<thead>
<tr>
<th>Still have asthma</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>

### DURING THE PAST 12 MONTHS, have you had an episode of asthma or an asthma attack?

**Question ID:** ACN.090_00.000  
**Instrument Variable Name:** AASMYR  
**Final Documentation Name:** AASMYR

**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

<table>
<thead>
<tr>
<th>Had an asthma episode/attack past 12 m</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>
2011 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Conditions  
PUBLIC USE  
Document Version Date: 29-May-12  

**Question ID:** ACN.100_00.000  
**Instrument Variable Name:** AASMERYR  
**Final Documentation Name:** AASERYR1

**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.110_00.000  
**Instrument Variable Name:** ULCEV  
**Final Documentation Name:** ULCEV

**Have you EVER been told by a doctor or other health professional that you had...An ulcer? This could be a stomach, duodenal or peptic ulcer.**

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

**Sources:** None  
**Recodes:** None  
**Keywords:** digestive disease; ulcer; stomach trouble; duodenal; peptic  
**Notes:** None

Ever been told you have an ulcer

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

**Instrument Variable Name:** ULCYR  
**Final Documentation Name:** ULCYR

**DURING THE PAST 12 MONTHS have you had an ulcer?**

<table>
<thead>
<tr>
<th>Universe</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ULCEV = '1'</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>Sample adults aged 18+ years who were ever told they had an ulcer</td>
</tr>
<tr>
<td><strong>Sources:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Keywords:</strong></td>
<td>digestive disease; ulcer; stomach trouble; duodenal; peptic</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

Had ulcer in 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: ACN.130_00.000

**Instrument Variable Name:** CANEV  
**Final Documentation Name:** CANEV

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

<table>
<thead>
<tr>
<th>Universe</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description:</strong></td>
<td>Sample adults aged 18+ years</td>
</tr>
<tr>
<td><strong>Sources:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
</tr>
<tr>
<td><strong>Keywords:</strong></td>
<td>cancer; malignant neoplasm; malignancy</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

Ever told by a doctor you had cancer

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

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

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

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

1  Mentioned  
2  Not mentioned  
7  Refused  
8  Not ascertained  
9  Don't know
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
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 29-May-12

Question ID: ACN.140_07.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND7

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

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

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

<table>
<thead>
<tr>
<th></th>
<th>Mentioned</th>
<th>Not mentioned</th>
<th>Refused</th>
<th>Not ascertained</th>
<th>Don't know</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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: \( \text{ASTATFLG} = '1' \) 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; laryngeal neoplasms

Notes: Since 2004, if \( \text{CANKIND}_1 \) had a '97' or '99' (Refused or Don't Know) response, all of the expanded \( \text{CNKIND}1-31 \) 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: \( \text{ASTATFLG} = '1' \) 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; blood neoplasms; leukemia

Notes: Since 2004, if \( \text{CANKIND}_1 \) had a '97' or '99' (Refused or Don't Know) response, all of the expanded \( \text{CNKIND}1-31 \) 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
2011 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
**samadult : Adult Conditions**  
PUBLIC USE  
Document Version Date: 29-May-12

<table>
<thead>
<tr>
<th>Question ID</th>
<th>Instrument Variable Name</th>
<th>Final Documentation Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACN.140_13.000</td>
<td>CANKIND_1-CANKIND_3</td>
<td>CNKIND13</td>
</tr>
<tr>
<td>ACN.140_14.000</td>
<td>CANKIND_1-CANKIND_3</td>
<td>CNKIND14</td>
</tr>
</tbody>
</table>

### What kind of cancer was it?

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

#### Liver

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

### 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).

#### Lung

<table>
<thead>
<tr>
<th>1</th>
<th>Mentioned</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** ACN.140_15.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND15

**What kind of cancer was it?**

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

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

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

What kind of cancer ... Lymphoma

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

---

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

**What kind of cancer was it?**

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

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

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

What kind of cancer ... Melanoma

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know
### Question ID: ACN.140_17.000  
#### 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; 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).

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

### Question ID: ACN.140_18.000  
#### 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).

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Conditions  
PUBLIC USE  
Document Version Date: 29-May-12

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

**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).

<table>
<thead>
<tr>
<th>What kind of cancer ... Pancreas</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>

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

**What kind of cancer was it?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; prostatic neoplasms

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

<table>
<thead>
<tr>
<th>What kind of cancer ... Prostate</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>
### Question ID: ACN.140_21.000

**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; 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).

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

### Question ID: ACN.140_22.000

**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; 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).

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: ACN.140_23.000

**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND23

**What kind of cancer was it?**

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

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

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

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

### Question ID: ACN.140_24.000

**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND24

**What kind of cancer was it?**

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

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

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
What kind of cancer was it?

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

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

What kind of cancer was it?

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

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
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 29-May-12

**Question ID:** ACN.140_27.000

**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, 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

**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).

<table>
<thead>
<tr>
<th>What kind of cancer ... Uterus</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** 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).

<table>
<thead>
<tr>
<th>What kind of cancer ... Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
Question ID: ACN.140_31.000

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

Universe: ASTATFLG = '1' and AGE GE '018' and AGE not IN ('997', '999') and CANEV = '1' and CNKIND_3 ne '96' and CNKIND_3 ne '9'

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

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

What kind of cancer ... more than 3 kinds

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

Question ID: ACN.150_01.000

How old were you when cancer was first diagnosed?

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

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

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

Age first diagnosed w/bladder cancer

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

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

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

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

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 29-May-12

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

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

Question ID: ACN.150_07.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE7

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND7 = '1'
Description: Sample adults aged 18+ years who were ever told they had colon cancer

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

Age first diagnosed w/colon cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
**Question ID:** ACN.150_08.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE8

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

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

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

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

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

**Question ID:** ACN.150_09.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE9

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

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

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

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

<table>
<thead>
<tr>
<th>Age first diagnosed w/gallbladder cancer</th>
<th>01-84</th>
<th>1-84 years</th>
<th>85</th>
<th>85+ years</th>
<th>97</th>
<th>Refused</th>
<th>98</th>
<th>Not ascertained</th>
<th>99</th>
<th>Don't know</th>
</tr>
</thead>
</table>
**How old were you when cancer was first diagnosed?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; kidney neoplasms

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

<table>
<thead>
<tr>
<th>Age first diagnosed w/kidney cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Age first diagnosed w/larynx-windpipe cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>
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**

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

---

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 ('998','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**

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
Question ID: ACN.150_14.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE14

How old were you when cancer was first diagnosed?

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

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

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

<table>
<thead>
<tr>
<th>Age first diagnosed w/lung cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

Question ID: ACN.150_15.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE15

How old were you when cancer was first diagnosed?

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

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

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

<table>
<thead>
<tr>
<th>Age first diagnosed w/lymphoma</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 29-May-12

Question ID: ACN.150_16.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE16

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND16 = '1'
Description: Sample adults aged 18+ years who were ever told they had melanoma

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

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

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND17 = '1'
Description: Sample adults aged 18+ years who were ever told they had mouth/tongue/lip cancer

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
### How old were you when cancer was first diagnosed?

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('998','999')) and CNKIND18 = '1'

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

**Sources:**
None

**Recodes:**
None

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

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

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

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

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('998','999')) and CNKIND19 = '1'

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

**Sources:**
None

**Recodes:**
None

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

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

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

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

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

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and 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>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How old were you when cancer was first diagnosed?

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

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

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

Age first diagnosed w/skin (DK kind) cancer

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How old were you when cancer was first diagnosed?

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

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

 Sources: None

 Recodes: None

 Keywords: onset; cancer; soft tissue neoplasms

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

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

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.

<table>
<thead>
<tr>
<th>Age first diagnosed w/stomach cancer</th>
<th>01-84</th>
<th>1-84 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>85</td>
<td>85+ years</td>
<td></td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>
Question ID: ACN.150_26.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE26

How old were you when cancer was first diagnosed?

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

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

Sources: None

Recodes: None

Keywords: onset; cancer; testicular neoplasms

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

Age first diagnosed w/testicular cancer

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

Question ID: ACN.150_27.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE27

How old were you when cancer was first diagnosed?

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

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

Sources: None

Recodes: None

Keywords: onset; cancer; pharyngeal neoplasms

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

Age first diagnosed w/throat/pharynx cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
How old were you when cancer was first diagnosed?

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

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

Sources: None

Recodes: None

Keywords: onset; cancer; thyroid neoplasms

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

Age first diagnosed w/thyroid cancer

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

How old were you when cancer was first diagnosed?

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

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### How old were you when cancer was first diagnosed?

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

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

**Sources:** None

**Recodes:** None

**Keywords:** onset; cancer; neoplasms

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

**Age first diagnosed w/other cancer**

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

### [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**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>3</td>
<td>Borderline</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you EVER been told by a doctor or other health professional that you have any of the following: prediabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes, or high blood sugar?

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

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

Ever had prediabetes or other symptoms

<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>

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>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: ACN.170_00.000

#### Instrument Variable Name: DIFAGE2

#### 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(i); 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Within past year</td>
</tr>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>1+ year(s) with diabetes and age is 85+</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ACN.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

<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>
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)

<table>
<thead>
<tr>
<th>NOW taking diabetic pills</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Question ID:** ACN.190_00.000  
**Instrument Variable Name:** DIBPILL  
**Final Documentation Name:** DIBPILL

---

**Question ID:** ACN.201_01.000  
**Instrument Variable Name:** AHAYFYR  
**Final Documentation Name:** AHAYFYR

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

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

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

<table>
<thead>
<tr>
<th>Told that you had hay fever, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
Question ID: ACN.201_02.000  Instrument Variable Name: SINYR  
Final Documentation Name: SINYR  

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

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

Sources: None  
Recodes: None  
Keywords: respiratory condition; sinusitis; nasal congestion  
Notes: None  

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
During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had... Weak or failing kidneys? - Do not include kidney stones, bladder infections or incontinence.

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

Description: Sample adults aged 18+ years

Told you had weak/failing kidneys, 12 m

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

Question ID: ACN.201_05.000

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

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

Description: Sample adults aged 18+ years

Told you had liver condition, past 12 m

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

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: arthritis; rheumatism; musculo-skeletal disease; diseased joints
Notes: None

### Symptoms of joint pain/aching/stiffness past 30 d

<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>

### 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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Which joints are affected?

**Universe:**

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

**Description:**

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

**Sources:**

None

**Recodes:**

None

**Keywords:**

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

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

### Which joints are affected?

**Universe:**

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

**Description:**

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

**Sources:**

None

**Recodes:**

None

**Keywords:**

right elbow joint disease; right elbow arthritis

**Notes:**

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

#### Which joint affected...elbow-right

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Which joints are affected?

**Question ID:** ACN.260_04.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP4

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

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

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

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

#### Which joint affected...elbow-left

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

### Which joints are affected?

**Question ID:** ACN.260_05.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP5

**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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** ACN.260_06.000  
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP6

**Which joints are affected?**

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

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

**Sources:**  
None

**Recodes:**  
None

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

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

**Which joint affected...hip-left**

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

---

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

**Which joints are affected?**

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

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

**Sources:**  
None

**Recodes:**  
None

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

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

**Which joint affected...wrist-right**

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.260_08.000
Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP8

Which joints are affected?

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

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

Sources: None
Recodes: None
Keywords: left wrist joint disease; left wrist arthritis

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

Which joint affected...wrist-left

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).

<table>
<thead>
<tr>
<th>Which joint affected...knee-left</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

### Question ID: 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).

<table>
<thead>
<tr>
<th>Which joint affected...ankle-right</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: left ankle joint disease; left ankle arthritis

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

Which joint affected...ankle-left

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

Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: right toes joint disease; right toes arthritis

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

Which joint affected...toes-right

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACN.260_14.000
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP14  

**Which joints are affected?**

**Universe:**  
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>

### Question ID: ACN.260_15.000
**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP15  

**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).

<table>
<thead>
<tr>
<th>Which joint affected...fingers/thumb-right</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: 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.270_00.000

**Instrument Variable Name:** JNTCHR

**Final Documentation Name:** JNTCHR

**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.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
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

<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>

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

<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>
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

Had neck pain, past 3 months

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

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

Had low back pain, past 3 months

1   Yes
2   No
7   Refused
8   Not ascertained
9   Don’t know
### 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:**  
\[
\text{ASTATFLG} = '1' \text{ and (AGE GE '018' and AGE not IN ('997','999')) and PAINLB = '1'}
\]

**Description:** Sample adults aged 18+ years with low back pain in the past 3 months

**Sources:** None  
**Recodes:** None  
**Keywords:** back pain; lower leg pain; sciatica; inter vertebral disc disorder  
**Notes:** Refer to ACN.300 (PAINECK) for question lead-in

<table>
<thead>
<tr>
<th>Pain spread down leg/below knees</th>
<th>1</th>
<th>Yes</th>
<th>2</th>
<th>No</th>
<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don’t know</th>
</tr>
</thead>
</table>

### Question ID: ACN.331_01.000

**Instrument Variable Name:** PAINFACE  
**Final Documentation Name:** PAINFACE

**During the PAST THREE MONTHS, did you have ... Facial ache or pain in the jaw muscles or the joint in front of the ear?**

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** facial joint pain; jaw muscle ache; facial muscle ache  
**Notes:** Refer to ACN.300 (PAINECK) for question lead-in

<table>
<thead>
<tr>
<th>Had pain in jaw/front of ear, past 3 months</th>
<th>1</th>
<th>Yes</th>
<th>2</th>
<th>No</th>
<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don’t know</th>
</tr>
</thead>
</table>
Question ID: ACN.331_02.000

During the PAST THREE MONTHS, did you have ... Severe headache or migraine?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: severe headache; migraine headache; head pain

Notes: Refer to ACN.300 (PAINECK) for question lead-in

Had severe headache/migraine, past 3 m

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

Question ID: ACN.350_00.000

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
**Question ID:** ACN.360_00.000  
**Instrument Variable Name:** AINTIL2W  
**Final Documentation Name:** AINTIL2W

**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

1. **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_00.000  
**Instrument Variable Name:** PREGNOW  
**Final Documentation Name:** PREGNOW

**Are you currently pregnant?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE <= '049') and SEX = '2'

**Description:** Sample Female adults aged 18-49 years

**Sources:** None

**Recodes:** None

**Keywords:** pregnant; with child

**Notes:** None

1. **Currently 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)?

Universe: \texttt{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

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

Universe: \texttt{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
### Question ID: ACN.420_00.000

**Instrument Variable Name:** AHEARST1  
**Final Documentation Name:** AHEARST1

**WITHOUT the use of hearing aids or other listening devices, is your hearing excellent, good, a little trouble hearing, moderate trouble, a lot of trouble, or are you deaf?**

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

**Description:** Sample adults 18+

<table>
<thead>
<tr>
<th>Hearing w/o hearing aid</th>
<th>Value</th>
</tr>
</thead>
<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' andAGE not IN ('997','999'))

**Description:** Sample adults aged 18+

<table>
<thead>
<tr>
<th>Trouble seeing even w/glasses/lenses</th>
<th>Value</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>
**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

<table>
<thead>
<tr>
<th>Blind or unable to see at all</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Have you lost all of your upper and lower natural (permanent) teeth?**

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

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

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
upper teeth loss; edentulous-upper teeth; lower teeth loss; edentulous-lower teeth

**Notes:**  
None

<table>
<thead>
<tr>
<th>Lost all upper &amp; lower natural teeth</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: ACN.471_01.000  
Instrument Variable Name: SAD  
Final Documentation Name: SAD

**During the PAST 30 DAYS, how often did you feel .... so sad that nothing could cheer you up?**

| Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) |
| Description: Sample adults aged 18+ years |
| Sources: None |
| Recodes: None |
| Keywords: depression; sadness; low feeling; morose; emotional/mental health |
| Notes: None |

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
6. Refused
7. Not ascertained
8. Don't know

### Question ID: ACN.471_02.000  
Instrument Variable Name: NERVOUS  
Final Documentation Name: NERVOUS

**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 aged 18+ years |
| Sources: None |
| Recodes: None |
| Keywords: nervous; irritable; emotional/mental health |
| Notes: None |

How often felt nervous, past 30 days

1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
6. Refused
7. Not ascertained
8. Don't know
**Question ID:** ACN.471_03.000  
**Instrument Variable Name:** RESTLESS  
**Final Documentation Name:** RESTLESS

**During the PAST 30 DAYS, how often did you feel .... restless or fidgety?**

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

Description: Sample adults aged 18+ years

Sources: None  
Recodes: None  
Keywords: restless; fidgety; emotional/mental health  
Notes: None

How often restless/fidgety, past 30 days

1. ALL of the time  
2. MOST of the time  
3. SOME of the time  
4. A LITTLE of the time  
5. NONE of the time  
7. Refused  
8. Not ascertained  
9. Don't know

**Question ID:** ACN.471_04.000  
**Instrument Variable Name:** HOPELESS  
**Final Documentation Name:** HOPELESS

**During the PAST 30 DAYS, how often did you feel .... hopeless?**

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

Description: Sample adults aged 18+ years

Sources: None  
Recodes: None  
Keywords: depression, hopeless; emotional/mental health  
Notes: None

How often felt hopeless, past 30 days

1. ALL of the time  
2. MOST of the time  
3. SOME of the time  
4. A LITTLE of the time  
5. NONE of the time  
7. Refused  
8. Not ascertained  
9. Don't know
Question ID: ACN.471_05.000
Instrument Variable Name: EFFORT
Final Documentation Name: EFFORT

During the PAST 30 DAYS, how often did you feel .... that everything was an effort?

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

Sources: None
Recodes: None
Keywords: lack vitality; disinterest; stress; emotional/mental health
Notes: None

How often felt everything was an effort, past 30 days
1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
6. Refused
7. Not ascertained
8. Don't know

Question ID: ACN.471_06.000
Instrument Variable Name: WORTHLS
Final Documentation Name: WORTHLS

During the PAST 30 DAYS, how often did you feel .... worthless?

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

Sources: None
Recodes: None
Keywords: worthless; depressed; suicidal; emotional/mental health
Notes: None

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
6. Refused
7. Not ascertained
8. 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 (SAD IN ('1','2','3') or NERVOUS IN ('1','2','3') or RESTLESS IN ('1','2','3') or HOPELESS IN ('1','2','3') or EFFORT IN ('1','2','3') or WORTHLS IN ('1','2','3'))

Description: Sample adults aged 18+ years who, at least some of the time, have felt sad, nervous, restless or fidgety, hopeless, that everything was an effort, or worthless, in the past 30 days.

Question ID: ACN.530_00.000
Instrument Variable Name: MHAMTMO
Final Documentation Name: MHAMTMO

During the PAST 12 MONTHS, 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

Question ID: AHS.040_00.000
Instrument Variable Name: WKDAYR
Final Documentation Name: WKDAYR
**Question ID:** AHS.050_00.000  
**Instrument Variable Name:** BEDDAYR  
**Final Documentation Name:** BEDDAYR

**During the PAST 12 MONTHS, 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**

- 000: None
- 001-366: 1-366 days
- 997: Refused
- 998: Not ascertained
- 999: Don't know

**Question ID:** AHS.060_00.000  
**Instrument Variable Name:** AHSTATYR  
**Final Documentation Name:** AHSTATYR

**Compared with 12 MONTHS AGO, would you say your health is better, worse, or about the same?**

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** health indicators; health status  
**Notes:** None

**Health better/worse/same, compared w/ 12 months ago**

- 1: Better
- 2: Worse
- 3: About the same
- 7: Refused
- 8: Not ascertained
- 9: Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.070_00.000
Instrument Variable Name: SPECEQ
Final Documentation Name: SPECEQ

Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: health problem; special equipment; assistive devices
Notes: None

Have health problem that requires special equipment

<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: AHS.091_01.000
Instrument Variable Name: FLWALK
Final Documentation Name: FLWALK

By yourself, and without using any special equipment, how difficult is it for you to...Walk a quarter of a mile - about 3 city blocks?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: ALCHRONR; FLA1AR
Keywords: difficulty walking; special equipment; functional limitation
Notes: See Survey Description Document for more information.

How difficult to walk 1/4 mile without special equipment

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AHS.091_02.000

**Instrument Variable Name:** FLCLIMB  
**Final Documentation Name:** FLCLIMB

**Question:** By yourself, and without using any special equipment, how difficult is it for you to walk up 10 steps without resting?

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

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

**Sources:** None

**Recodes:** ALCHRONR; FLA1AR

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

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

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
By yourself, and without using any special equipment, how difficult is it for you to...Stand or be on your feet for about 2 hours?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty standing; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to stand 2 hours without special equipment:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.091_04.000

Instrument Variable Name: FLSIT

Final Documentation Name: FLSIT

---

By yourself, and without using any special equipment, how difficult is it for you to... 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.091_05.000

Instrument Variable Name: FLSTOOP

Final Documentation Name: FLSTOOP
Question ID: AHS.091_06.000

By yourself, and without using any special equipment, how difficult is it for you to...Reach up over your head?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty reaching; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to reach over head without special equipment

0 Not at all difficult
1 Only a little difficult
2 Somewhat difficult
3 Very difficult
4 Can't do at all
6 Do not do this activity
7 Refused
8 Not ascertained
9 Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Use your fingers to grasp or handle small objects?

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

Description: Sample adults aged 18+ years

How difficult to grasp small objects without special equipment

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...Lift or carry something as heavy as 10 pounds such as a full bag of groceries?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty lifting/carrying; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to lift/carry 10 lbs without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
**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:** ALCHEONR; FLA1AR

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

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**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

**How difficult to go out to events without special equipment**

- 0  Not at all difficult
- 1  Only a little difficult
- 2  Somewhat difficult
- 3  Very difficult
- 4  Can't do at all
- 6  Do not do this activity
- 7  Refused
- 8  Not ascertained
- 9  Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Participate in social activities such as visiting friends, attending clubs and meetings, going to parties?

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

Description: Sample adults aged 18+ years

How difficult to participate in social activities without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHS.171_03.000       Instrument Variable Name: FLRELAX
                               Final Documentation Name: FLRELAX

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)?

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 relaxing; special equipment; functional limitation

Notes: None

How difficult to relax at home without special equipment

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
<td>Only a little difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.171_00.000       R01 RECODE       Instrument Variable Name: FLRELAX
                               Final Documentation Name: FLA1AR

Recode

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

Description: Sample adults aged 18+ years

Sources: FLWALK; FLCLIMB; FLSTAND; FLSIT; FLSTOOP; FLREACH; FLGRASP; FLCARRY; FLPUSH; FLSHOP; FLSOCL; FLRELAX

Recodes: ALCHRONR

Keywords: functional limitation

Notes: None

Any functional limitation, all conditions

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Limited in any way</td>
</tr>
<tr>
<td>2</td>
<td>Not limited in any way</td>
</tr>
<tr>
<td>3</td>
<td>Unknown if limited</td>
</tr>
</tbody>
</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or 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'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; vision problem

Notes: See Survey Description Document for more information.

Vision/problem seeing causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ 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; hearing problem

Notes: See Survey Description Document for more information.

Hearing problem causes difficulty with activity

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; arthritis; rheumatism
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 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; back/neck problem

Notes: See Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

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 FLSHOP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH 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; fracture; bone/joint injury

Notes: See Survey Description Document for more information.

Fracture, bone/joint injury causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or 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 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; 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 FLSTOOP IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH 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; stroke

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 FLCARRY IN ('1', '2', '3', '4') or FLUSHOP IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; hypertension; high blood pressure
Notes: See Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: $\text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018'} \text{ and } \text{AGE not IN ('997','999')}) \text{ and } (\text{FLWALK IN ('1', '2', '3', '4')} \text{ or } \text{FLCLIMB IN ('1', '2', '3', '4')} \text{ or } \text{FLSTAND IN ('1', '2', '3', '4')} \text{ or } \text{FLSIT IN ('1', '2', '3', '4')} \text{ or } \text{FLSTOOP IN ('1', '2', '3', '4')} \text{ or } \text{FLREACH IN ('1', '2', '3', '4')} \text{ or } \text{FLGRASP IN ('1', '2', '3', '4')} \text{ or } \text{FLCARRY IN ('1', '2', '3', '4')} \text{ or } \text{FLPUSH IN ('1', '2', '3', '4')} \text{ or } \text{FLSHOP IN ('1', '2', '3', '4')} \text{ or } \text{FLSOCL IN ('1', '2', '3', '4')} \text{ or } \text{FLRELAX IN ('1', '2', '3', '4')})$

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; diabetes

Notes: See Survey Description Document for more information.

Diabetes causes difficulty with activity

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1,2,3,4) or FLCLIMB IN (1,2,3,4) or FLSTAND IN (1,2,3,4) or FLSTOOP IN (1,2,3,4) or FLREACH IN (1,2,3,4) or FLSIT 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; 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

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing 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

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or 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; birth defect

Notes: See Survey Description Document for more information.

Birth defect causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; mental retardation; intellectual disability

Notes: This variable replaces ALHCA14 that appeared in previous survey years. The wording on the 2011 flashcard changed from "mental retardation" to "intellectual disability, also known as mental retardation". Note that the time variables and recodes associated with this variable will also have new names (ATIME14A, AUNIT14A, ADURA14A, ADURB14A, ACHRC14A). See Survey Description Document for more information.
Question ID: AHS.200_15.000

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; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; other developmental problem; cerebral palsy

Notes: See Survey Description Document for more information.

Other developmental problem (e.g., cerebral palsy) causes difficulty with activity

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 FLSTOUP 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 FLUSH 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.

Senility causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHS.200_17.000

Instrument Variable Name: AFLHCA1-AFLHCA37

Final Documentation Name: AFLHCA17

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: 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 FLSTOOP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; weight problem; overweight; obesity

Notes: See Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or 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 FLSHOP IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

Description:  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?  

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997, 999)) and (FLWALK IN (1', 2', 3', 4') or FLCLIMB IN (1', 2', 3', 4') or FLSTAND IN (1', 2', 3', 4') or FLSTOOP IN (1', 2', 3', 4') or FLREACH IN (1', 2', 3', 4') or FLGRASP IN (1', 2', 3', 4') or FLCARRY IN (1', 2', 3', 4') or FLPUSH IN (1', 2', 3', 4') or FLSHOP IN (1', 2', 3', 4') or FLSOCL IN (1', 2', 3', 4') or FLRELAX IN (1', 2', 3', 4'))

Description:  
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources:  
AFLHCA23; AFLHCA24; AFLHCA_S1; AFLHCA_S2

Recodes:  
ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords:  
functional limitation; difficulty with activity; musculoskeletal system; connective tissue

Notes:  
This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTRFLG = '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/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: AFLHCA21; AFLHCA32; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; circulation problem; circulatory system; blood clots

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Circulation problems (including blood clots) cause difficulty with activity

1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: \( \text{ASTATFLG} = '1' \) and (\( \text{AGE} \geq '018' \) and \( \text{AGE} \text{ not IN } (997, 999) \)) and (\( \text{FLWALK} \text{ IN } (1', '2', '3', '4') \) or \( \text{FLCLIMB} \text{ IN } (1', '2', '3', '4') \) or \( \text{FLSTAND} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLSIT} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLSTOOP} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLREACH} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLGRASP} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLCARRY} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLPUSH} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLSHOP} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLSOCL} \text{ IN } (1', '2', '3', '4') \) \( \text{or } \) \( \text{FLRELAX} \text{ IN } (1', '2', '3', '4') \)

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: 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

<table>
<thead>
<tr>
<th>1</th>
<th>Mentioned</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.200_00.000  R05  RECODE  Instrument Variable Name: AFLH23_

**What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

**Description:** Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** AFLHCA25-AFLHCA29; AFLHCA35; AFLHCA_S1; AFLHCA_S2

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity; nervous system; sensory organ condition

**Notes:** This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Nervous system/sensory organ condition causes difficulty with activity

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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 FLGIT IN ('1', '2', '3', '4') or FLSTOOP 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') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: 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

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

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

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHS.200_00.000 R09 RECODE

Instrument Variable Name:

Final Documentation Name: AFLHC27_

What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and (FLWALK IN (1', '2', '3', '4') or FLCLIMB IN (1', '2', '3', '4') or FLSTAND IN (1', '2', '3', '4') or FLSIT IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLUSHOP IN (1', '2', '3', '4') or 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; blood; blood-forming organs

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Blood or blood-forming organ problem causes difficulty with activity

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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 FLCCLIMB 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 FLRELAX IN ('1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA22; AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; benign tumor; cyst
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Benign tumor/cyst causes difficulty with activity

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and (FLWALK IN (1, 2, 3, 4) or FLCLIMB IN (1, 2, 3, 4) or FLSTAND IN (1, 2, 3, 4) or FLSTOOP IN (1, 2, 3, 4) or FLREACH IN (1, 2, 3, 4) or FLGRASP IN (1, 2, 3, 4) or FLCARRY IN (1, 2, 3, 4) or FLPUSH IN (1, 2, 3, 4) or FLSHOP IN (1, 2, 3, 4) or FLSOCL IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; alcohol; drugs; substance abuse

Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Alcohol/drug/substance abuse problem causes difficulty with activity

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLTALK 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.
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

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

Universe: ASTATF LG = '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 FLSIT 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; elderly; old age; aging
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

"Old age"/elderly/aging-related problem causes difficulty with activity
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; 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

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLUSHOP 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 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.)

**Other impairment/problem (1) causes difficulty with activity**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mentioned</td>
</tr>
<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**What condition or health problem causes you to have difficulty with \{names of up to 3 specified activities/these activities\}?**

**Universe:**
\[\text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018'} \text{ and } \text{AGE not IN (}'997','999')\text{)} \text{ and } (\text{FLWALK IN (}'1','2','3','4'\text{)} \text{ or } \text{FLCLIMB IN (}'1','2','3','4'\text{)} \text{ or } \text{FLSTAND IN (}'1','2','3','4'\text{)} \text{ or } \text{FLSIT IN (}'1','2','3','4'\text{)} \text{ or } \text{FLSTOOP IN (}'1','2','3','4'\text{)} \text{ or } \text{FLREACH IN (}'1','2','3','4'\text{)} \text{ or } \text{FLGRASP IN (}'1','2','3','4'\text{)} \text{ or } \text{FLCARRY IN (}'1','2','3','4'\text{)} \text{ or } \text{FLPUSH IN (}'1','2','3','4'\text{)} \text{ or } \text{FLSHOP IN (}'1','2','3','4'\text{)} \text{ or } \text{FLSOCL IN (}'1','2','3','4'\text{)} \text{ or } \text{FLRELAX IN (}'1','2','3','4'\text{)}\]

**Description:**
Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

**Sources:** None

**Recodes:** ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

**Keywords:** functional limitation; difficulty with activity

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

---

**Other impairment/problem (2) causes difficulty with activity**

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

---

**How long have you had a vision problem or problem seeing?**

**Universe:**
\[\text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018'} \text{ and } \text{AGE not IN (}'997','999')\text{)} \text{ and } \text{AFLHCA1} = '1'\]

**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

<table>
<thead>
<tr>
<th></th>
<th>01-94</th>
<th>95</th>
<th>96</th>
<th>97</th>
<th>98</th>
<th>99</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1-94</td>
<td>95+</td>
<td>Since birth</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

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
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.300_02.000 R01 RECODE
Instrument Variable Name: ALDURA1
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: 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**

<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.300_02.000 R03 RECODE

**Instrument Variable Name:**
ALCHRC1

**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:**
ALCNDR1; 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**

<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 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>
</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 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

<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>
# 2011 National Health Interview Survey

## Sample Adult

**samadult : Adult Health Status & Limitations**

PUBLIC USE

**Document Version Date: 29-May-12**

---

**Question ID:** AHS.301_02.000  
**R01 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA2

### How long have you had a hearing problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

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

**Sources:** ALTIME2; ALUNIT2

**Recodes:** ALDURB2; ALCHRC2

**Keywords:** functional limitation; hearing problem

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA2. See the Survey Description Document for more information.

#### Duration (in years) of hearing problem, recode 1

<table>
<thead>
<tr>
<th>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.301_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB2

### How long have you had a hearing problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

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

**Sources:** ALTIME2; ALUNIT2

**Recodes:** ALCHRC2

**Keywords:** functional limitation; hearing problem

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

#### Duration of hearing problem, recode 2

<table>
<thead>
<tr>
<th>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.301_02.000  
**Instrument Variable Name:** RECODE  
**Final Documentation Name:** ALCHRC2

**How long have you had a hearing problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA2 = '1'

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

**Sources:** AFLHCA2; ALDURB2

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; hearing problem

**Notes:** Condition was coded as chronic (ALCHRC2 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Hearing problem condition status recode**

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</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.302_01.000  
**Instrument Variable Name:** AHCL03N  
**Final Documentation Name:** ALTIME3

**How long have you had arthritis or rheumatism?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

**Sources:** AHCL03N

**Recodes:** ALDURA3; ALDURB3; ALCHRC3

**Keywords:** functional limitation; arthritis/rheumatism

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

**Duration of arthritis/rheumatism: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had arthritis or rheumatism?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA3 = '1'

Description: Sample adults aged 18+ years with difficulty due to arthritis/rheumatism

Duration of arthritis/rheumatism: Time unit

<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>

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.
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: ALCNDRT; 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: See the Survey Description Document for more information.

Duration of back or neck problem: Number of units

<table>
<thead>
<tr>
<th></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 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>
<thead>
<tr>
<th>Duration</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
**Question ID:** AHS.303_02.000  
**R01 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA4

**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:** 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>
<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.303_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB4

**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:** ALCHRC4

**Keywords:** functional limitation; back/neck problem

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

**Duration of back or neck problem, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.303_02.000  R03 RECODE  Instrument Variable Name:  
Final Documentation Name: ALCHRC4

How long have you had a back or neck problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'

Description: Sample adults aged 18+ years with difficulty due to back or neck problem

Sources: AFLHCA4; ALDURB4

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; back/neck problem

Notes: Condition was coded as chronic (ALCHRC4 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

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

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

<table>
<thead>
<tr>
<th>Duration of fracture, bone/joint injury: Time unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

---

**Question ID:** AHS.304_02.000 R01 RECODE  
Instrument Variable Name: ALDURA5  
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.

<table>
<thead>
<tr>
<th>Duration (in years) of fracture, bone/joint injury, recode 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
</tr>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.304_02.000 R02 RECODE  Instrument Variable 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

<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.304_02.000 R03 RECODE  Instrument Variable Name: ALCHRC5

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: 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Condition</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>
**2011 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 29-May-12

**Question ID:** AHS.305_01.000  
**Instrument Variable Name:** AHCL06N  
**Final Documentation Name:** ALTIME6

**How long have you had the \{other (if AFLHCA=5)\} injury that caused your limitation?**  
**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA6 = '1'  
**Description:** Sample adults aged 18+ years with difficulty due to other injury

**Sources:** AHCL06N  
**Recodes:** ALDURA6; ALDURB6; ALCHRC6  
**Keywords:** functional limitation; other injury  
**Notes:** Years are topcoded at 85. See the Survey Description Document for more information.

**Duration of other injury: Number of units**

<table>
<thead>
<tr>
<th>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>

**Question ID:** AHS.305_02.000  
**Instrument Variable Name:** AHCL06T  
**Final Documentation Name:** ALUNIT6

**How long have you had the \{other (if AFLHCA=5)\} injury that caused your limitation?**  
**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHCA6 = '1'  
**Description:** Sample adults aged 18+ years with difficulty due to other injury

**Sources:** AHCL06T  
**Recodes:** ALDURA6; ALDURB6; ALCHRC6  
**Keywords:** functional limitation; other injury  
**Notes:** See the Survey Description Document for more information.

**Duration of other injury: Time unit**

<table>
<thead>
<tr>
<th>Duration</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>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.305_02.000  R01 RECODE  
**Instrument Variable Name:** 
**Final Documentation Name:** ALDURA6

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA6 = '1'

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

**Sources:** ALTIME6; ALUNIT6

**Recodes:** ALDURB6; ALCHRC6

**Keywords:** functional limitation; other injury

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA6. See the Survey Description Document for more information.

**Duration (in years) of other injury, recode 1**

<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.305_02.000  R02 RECODE  
**Instrument Variable Name:** 
**Final Documentation Name:** ALDURB6

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA6 = '1'

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

**Sources:** ALTIME6; ALUNIT6

**Recodes:** ALCHRC6

**Keywords:** functional limitation; other injury

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

**Duration of other injury, recode 2**

<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 the {other (if AFLHCA=5)} injury that caused your limitation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997',999)) and AFLHCA6 = '1'
Description: Sample adults aged 18+ years with difficulty due to other injury

Sources: AFLHCA6; ALDURB6
Recodes: ALCNDR; ALCHRONR
Keywords: functional limitation; other injury
Notes: Condition was coded as chronic (ALCHRC6 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Other injury condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic

How long have you had a heart problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997',999)) and AFLHCA7 = '1'
Description: Sample adults aged 18+ years with difficulty due to heart problem

Sources: AHCL07N
Recodes: ALDURA7; ALDURB7; ALCHRC7
Keywords: functional limitation; heart problem
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of heart problem: Number of units

01-94  1-94
95     95+
96     Since birth
97     Refused
98     Not ascertained
99     Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.306_02.000
Instrument Variable Name: AHCL07T
Final Documentation Name: ALUNIT7

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: AHCL07T
Recodes: ALDURA7; ALDURB7; ALCHRC7
Keywords: functional limitation; heart problem
Notes: See the Survey Description Document for more information.

Duration of heart 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.306_02.000 R01 RECODE
Instrument Variable Name: ALDURA7
Final Documentation Name: ALDURA7

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: ALTIME7; ALUNIT7
Recodes: ALDURB7; ALCHRC7
Keywords: functional limitation; heart 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 ALDURA7. See the Survey Description Document for more information.

Duration (in years) of heart 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 heart problem?**

**Universe:**  
ASTATFLG = 'I' 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:** ALTIME7; ALUNIT7

**Recodes:** ALCHRC7

**Keywords:** functional limitation; heart problem

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

<table>
<thead>
<tr>
<th>Duration of heart problem, recode 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Less than 3 months</td>
<td></td>
</tr>
<tr>
<td>2 3-5 months</td>
<td></td>
</tr>
<tr>
<td>3 6-12 months</td>
<td></td>
</tr>
<tr>
<td>4 More than 1 year</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>
</tr>
</tbody>
</table>

**How long have you had a heart problem?**

**Universe:**  
ASTATFLG = 'I' 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.

<table>
<thead>
<tr>
<th>Heart problem condition status recode</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Chronic</td>
<td></td>
</tr>
<tr>
<td>2 Not chronic</td>
<td></td>
</tr>
<tr>
<td>9 Unknown if chronic</td>
<td></td>
</tr>
</tbody>
</table>
How long have you had a stroke problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'
Description: Sample adults aged 18+ years with difficulty due to stroke problem

Sources: AHCL08N
Recodes: ALDURA8; ALDURB8; ALCHRC8
Keywords: functional limitation; stroke
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of stroke problem: Number of units

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>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 stroke problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'
Description: Sample adults aged 18+ years with difficulty due to stroke problem

Sources: AHCL08T
Recodes: ALDURA8; ALDURB8; ALCHRC8
Keywords: functional limitation; stroke
Notes: See the Survey Description Document for more information.

Duration of stroke problem: Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day(s)</td>
<td>1</td>
</tr>
<tr>
<td>Week(s)</td>
<td>2</td>
</tr>
<tr>
<td>Month(s)</td>
<td>3</td>
</tr>
<tr>
<td>Year(s)</td>
<td>4</td>
</tr>
<tr>
<td>Since birth</td>
<td>6</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

<table>
<thead>
<tr>
<th>Question ID:</th>
<th>AHS.307_02.000</th>
<th>R01 RECODE</th>
<th>Instrument Variable Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Final Documentation Name: ALDURA8</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:** 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.

<table>
<thead>
<tr>
<th>Duration (in years) of stroke problem, recode 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
</tr>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>96</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:</th>
<th>AHS.307_02.000</th>
<th>R02 RECODE</th>
<th>Instrument Variable Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Final Documentation Name: ALDURB8</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:** ALTIME8; ALUNIT8
- **Recodes:** ALCHRC8
- **Keywords:** functional limitation; stroke
- **Notes:** See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration of stroke problem, recode 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

**Question ID:** AHS.307_02.000 R03 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:** 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

**Question ID:** AHS.308_01.000

**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
How long have you had hypertension or high blood pressure?

Universe: 
\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999')) \text{ and } \text{AFLHCA9} = '1' \]

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: 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>
Question ID: AHS.308_02.000     R02 RECODE

Instrument Variable Name: ALDURB9

Final Documentation Name: ALDURB9

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: ALCNDRT; ALCHRONR

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>

Question ID: AHS.308_02.000     R03 RECODE

Instrument Variable Name: ALCHRC9

Final Documentation Name: ALCHRC9

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

<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 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

<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 diabetes?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA10 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to diabetes

**Sources:**  
AHCL10T

**Recodes:**  
ALDURA10; ALDURB10; ALCHRC10

**Keywords:**  
functional limitation; diabetes

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

**Duration of diabetes:**  
Time unit

<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>
Question ID: AHS.309_02.000

Instrument Variable Name:
Final Documentation Name: ALDURA10

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: 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 (in years) of diabetes, 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.309_02.000

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: ALCHRC10

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>
**How long have you had diabetes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA10 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to diabetes

**Sources:** AFLHCA10; ALDURB10

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; diabetes

**Notes:** Condition was coded as chronic (ALCHRC10 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Diabetes condition status recode**

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

---

**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to lung/breathing problem

**Sources:** AHCL11N

**Recodes:** ALDURA11; ALDURB11; ALCHRC11

**Keywords:** functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

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

**Duration of lung/breathing problem (e.g., asthma and emphysema): Number of units**

- 01-94  1-94
- 95  95+
- 96  Since birth
- 97  Refused
- 98  Not ascertained
- 99  Don't know
**Question ID:** AHS.310_02.000  
**Instrument Variable Name:** AHCL11T  
**Final Documentation Name:** ALUNIT11

**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA11 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to lung/breathing problem

**Sources:** AHCL11T

**Recodes:** ALDURA11; ALDURB11; ALCHRC11

**Keywords:** functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

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

**Duration of lung/breathing problem: (e.g., asthma and emphysema) Time unit**

1. Day(s)
2. Week(s)
3. Month(s)
4. Year(s)
5. Since birth
6. Refused
7. Not ascertained
8. Don't know

---

**Question ID:** AHS.310_02.000 R01 RECODE  
**Instrument Variable Name:** ALDURA11

**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**

1. Less than 1 year
2. 01-84 years
3. 85+ years
4. Unknown number of years
5. Refused
6. Not ascertained
7. Don't know
### Question ID: AHS.310_02.000 R02 RECODE

#### Instrument Variable Name:

Final Documentation Name: ALDURB11

#### How long have you had a lung or breathing problem (e.g., asthma and emphysema)?

**Universe:**  
ASTATFLG = 'I' 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:**  
ALCHRC11

**Keywords:**  
functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy

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

#### Duration of lung/breathing problem (e.g., asthma and emphysema), recode 2

<table>
<thead>
<tr>
<th>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.310_02.000 R03 RECODE

#### Instrument Variable Name:

Final Documentation Name: ALCHRC11

#### How long have you had a lung or breathing problem (e.g., asthma and emphysema)?

**Universe:**  
ASTATFLG = 'I' 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

How long have you had cancer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

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

Sources: AHCL12N

Recodes: ALDURA12; ALDURB12; ALCHRC12

Keywords: functional limitation; cancer

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

Duration of cancer: Number of units

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

Question ID: AHS.311_02.000

How long have you had cancer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

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

Sources: AHCL12T

Recodes: ALDURA12; ALDURB12; ALCHRC12

Keywords: functional limitation; cancer

Notes: See the Survey Description Document for more information.

Duration of cancer: Time unit

1     Day(s)
2     Week(s)
3     Month(s)
4     Year(s)
6     Since birth
7     Refused
8     Not ascertained
9     Don't know
How long have you had cancer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

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

Sources: ALTIME12; ALUNIT12

Recodes: ALDURB12; ALCHRC12

Keywords: functional limitation; cancer

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA12. See the Survey Description Document for more information.

Duration (in years) of cancer, recode 1

<table>
<thead>
<tr>
<th>Value</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 cancer?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA12 = '1'

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

Sources: ALTIME12; ALUNIT12

Recodes: ALCHRC12

Keywords: functional limitation; cancer

Notes: See the Survey Description Document for more information.

Duration of cancer, recode 2

<table>
<thead>
<tr>
<th>Value</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 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:  
ALCNDR12; ALCHRON12

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

How long have you had a 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:  
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

<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>
**2011 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
**samadult : Adult Health Status & Limitations**  
**PUBLIC USE**  
**Document Version Date: 29-May-12**

### Question ID: AHS.312_02.000

**Instrument Variable Name:** AHCL13T  
**Final Documentation Name:** ALUNIT13

**How long have you had a birth defect?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA13 = '1'

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

**Sources:** AHCL13T  
**Recodes:** ALDURA13; ALDURB13; ALCHRC13  
**Keywords:** functional limitation; birth defect  
**Notes:** See the Survey Description Document for more information.

**Duration of birth defect: Time unit**

<table>
<thead>
<tr>
<th>Duration</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.312_02.000

**R01 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA13

**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:** 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>Duration</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.312_02.000  R02 RECODE  Instrument Variable Name:  
Final Documentation Name: ALDURB13

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:  ALTIME13; ALUNIT13
Recodes:  ALCHRC13
Keywords: functional limitation; birth defect
Notes: See the Survey Description Document for more information.

Duration of birth defect, 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.312_02.000  R03 RECODE  Instrument Variable Name:  
Final Documentation Name: ALCHRC13

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.

Birth defect condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
How long have you had intellectual disability, also known as mental retardation?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14a = 'I'

Description: Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

Sources: AHCL14N

Recodes: ADURA14A; ADURB14A; ACHRC14A

Keywords: functional limitation; intellectual disability; mental retardation

Notes: This variable replaces ALTIME14 that appeared in previous survey years. See the note for ALHCA14a for more information. Years are topcoded at 85. See the Survey Description Document for more information.

| Duration of intellectual disability, also known as mental retardation: Number of units |
|---------------------------------|---------------------------------|
| 01-94                           | 1-94                            |
| 95                              | 95+                             |
| 96                              | Since birth                     |
| 97                              | Refused                         |
| 98                              | Not ascertained                 |
| 99                              | Don't know                      |

How long have you had intellectual disability, also known as mental retardation?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14A = 'I'

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 |
|-------------------------------|---------------------------------|
| 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.313_02.000  
**R01 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name: ADURA14A**

**How long have you had intellectual disability, also known as mental retardation?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA14a = '1'

**Description:** Sample adults aged 18+ years with difficulty due to intellectual disability, also known as mental retardation

**Sources:** ATIME14a; AUNIT14a

**Recodes:** ADURB14a; ACHRC14a

**Keywords:** functional limitation; intellectual disability; mental retardation

**Notes:** This variable replaces ALDURA14 that appeared in previous survey years. See the note for ALHCA14a for more information. Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ADURA14a. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration (in years) of intellectual disability, also known as mental retardation, recode 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
</tr>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

**Question ID:** 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.

<table>
<thead>
<tr>
<th>Duration of intellectual disability, also known as mental retardation, recode 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
### Question ID: AHS.313_02.000  
#### 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:**  
ALCNDRD; ALCHRONR

**Keywords:**  
functional limitation; intellectual disability; mental retardation

**Notes:**  
This variable replaces ACHRC14A 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:

<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.314_01.000  
#### 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; ACHRC15

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

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

Duration of other developmental problem (e.g., cerebral palsy): Number of units:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.314_02.000  

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: 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>5</td>
<td>Since birth</td>
</tr>
<tr>
<td>6</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.314_02.000 R01 RECODE  

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

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

Universe: \( ASTATFLG = '1' \) and \( (AGE \geq '018' \) and \( AGE \) not in \( ('997', '999') \) and \( AFLHCA15 = '1' \)

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

Sources: \( ALTIME15; ALUNIT15 \)

Recodes: \( ALCNDRT; ALCHRONR \)

Keywords: functional limitation; other developmental problem; cerebral palsy

Notes: Condition was coded as chronic \( (ALCHRC15 = '1') \), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

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

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

Universe: \( ASTATFLG = '1' \) and \( (AGE \geq '018' \) and \( AGE \) not in \( ('997', '999') \) and \( AFLHCA15 = '1' \)

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

Sources: \( AFLHCA15; ALDURB15 \)

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

1  Chronic
2  Not chronic
9  Unknown if chronic
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

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

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

- 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.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.

<table>
<thead>
<tr>
<th>Duration (in years) of senility, recode 1</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>

**Question ID:** AHS.315_02.000  **R02 RECODE**  
**Instrument Variable Name:** Final Documentation Name: ALDURB16

**How long have you had senility?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to senility

**Sources:** ALTIME16; ALUNIT16

**Recodes:** ALCHRC16

**Keywords:** functional limitation; senility; dementia; Alzheimer's

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

<table>
<thead>
<tr>
<th>Duration of senility, recode 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.315_02.000
Instrument Variable Name: R03 RECODE
Final Documentation Name: ALCHRC16

How long have you had senility?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA16 = '1'
Description: Sample adults aged 18+ years with difficulty due to senility

Sources: AFLHCA16; ALDURB16
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; senility; dementia; Alzheimer's
Notes: Condition was coded as chronic (ALCHRC16 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Senility condition status recode
1 Chronic
2 Not chronic
9 Unknown if chronic

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

<table>
<thead>
<tr>
<th>Duration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: AHS.316_02.000 R01 RECODE

**Instrument Variable Name:** ALDURA17  
**Final Documentation Name:** 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:** 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>Duration (in years)</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>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.316_02.000  R02 RECODE
Instrument Variable Name: ALDURB17
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>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.316_02.000  R03 RECODE
Instrument Variable Name: ALCHRC17
Final Documentation Name: ALCHRC17

How long have you had depression, anxiety, or an emotional problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA17 = '1'

Description: Sample adults aged 18+ years with difficulty due to depression/anxiety/emotional problem

Sources: AFLHCA17; ALDURB17
Recodes: 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

<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.317_01.000
Instrument Variable Name: AHCL18N
Final Documentation Name: ALTIME18

How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

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

Sources: AHCL18N
Recodes: ALDURA18; ALDURB18; ALCHRC18
Keywords: functional limitation; weight problem; overweight; obesity
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of weight problem: Number of units

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

Question ID: AHS.317_02.000
Instrument Variable Name: AHCL18T
Final Documentation Name: ALUNIT18

How long have you had a weight problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA18 = '1'

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

Sources: AHCL18T
Recodes: ALDURA18; ALDURB18; ALCHRC18
Keywords: functional limitation; weight problem; overweight; obesity
Notes: See the Survey Description Document for more information.

Duration of weight problem: Time unit

1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
6  Since birth
7  Refused
8  Not ascertained
9  Don't know
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: 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>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 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: ALDURB18; ALCHRC18

Keywords: functional limitation; weight problem; overweight; obesity

Notes: See the Survey Description Document for more information.

Duration of weight problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>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 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.

<table>
<thead>
<tr>
<th>Weight problem condition status recode</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Duration of missing limbs (fingers, toes, or digits); amputation: Number of units</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
## Question ID: AHS.318_02.000 RECODE

### 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>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Day(s)</td>
<td></td>
</tr>
<tr>
<td>2 Week(s)</td>
<td></td>
</tr>
<tr>
<td>3 Month(s)</td>
<td></td>
</tr>
<tr>
<td>4 Year(s)</td>
<td></td>
</tr>
<tr>
<td>6 Since birth</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>
</tr>
</tbody>
</table>

## Question ID: AHS.318_02.000 R01 RECODE

### How long have you had missing limbs (fingers, toes, or digits)?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC19_ = '1'

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

**Sources:** ALTIME19; ALUNIT19

**Recodes:** ALDURA19; 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>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>
Question ID: AHS.318_02.000 R02 RECODE
Instrument Variable Name: 
Final Documentation Name: ALDURB19

How long have you had missing limbs (fingers, toes, or digits)?

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

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

Sources: ALTIME19; ALUNIT19
Recodes: ALCHRC19
Keywords: functional limitation; missing limbs (fingers, toes, or digits); amputee
Notes: See the Survey Description Document for more information.

Duration of missing limbs (fingers, toes, or digits); amputation, recode 2

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.318_02.000 R03 RECODE
Instrument Variable Name: 
Final Documentation Name: ALCHRC19

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
Question ID: AHS.319_01.000 RECODE
Instrument Variable Name: AHCL20N
Final Documentation Name: ALTIME20

How long have you had a musculoskeletal/connective tissue problem?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = 'I'

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

<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.319_02.000 RECODE
Instrument Variable Name: AHCL20T
Final Documentation Name: ALUNIT20

How long have you had a musculoskeletal/connective tissue problem?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = 'I'

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: This recode, which was derived from several source variables, was created from the unit 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: 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>5</td>
<td>Since birth</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>8</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.319_02.000  R01  RECODE  Instrument Variable Name:
Final Documentation Name: ALDURA20

How long have you had a musculoskeletal/connective tissue problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

Description: Sample adults aged 18+ years with difficulty due to musculoskeletal/connective tissue problems

Sources: ALTIME20; ALUNIT20
Recodes: ALDURB20; ALCHRC20
Keywords: functional limitation; musculoskeletal system; connective tissue
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA20. See the Survey Description Document for more information.

Duration (in years) of musculoskeletal/connective tissue problem, recode 1

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

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 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.

<table>
<thead>
<tr>
<th>Musculoskeletal/connective tissue problem condition status recode</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong> Chronic</td>
</tr>
<tr>
<td><strong>2</strong> Not chronic</td>
</tr>
<tr>
<td><strong>9</strong> Unknown if chronic</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:** 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.

<table>
<thead>
<tr>
<th>Duration of circulation problems (including blood clots): Number of units</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
</tr>
<tr>
<td>95</td>
</tr>
<tr>
<td>96 Since birth</td>
</tr>
<tr>
<td>97 Refused</td>
</tr>
<tr>
<td>98 Not ascertained</td>
</tr>
<tr>
<td>99 Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.320_02.000 RECODE

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

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.320_02.000 R01 RECODE

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

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.320_02.000 R02 RECODE

**Instrument Variable Name:**
Final Documentation Name: ALDURB21

**How long have you had circulation problems (including blood clots)?**

**Universe:**  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

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

**Sources:** ALTIME21; ALUNIT21

**Recodes:** ALCHRC21

**Keywords:** functional limitation; circulation problem; circulatory system; blood clots

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

Duration of circulation problems (including blood clots), recode 2

<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.320_02.000 R03 RECODE

**Instrument Variable Name:**
Final Documentation Name: ALCHRC21

**How long have you had circulation problems (including blood clots)?**

**Universe:**  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC21_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to circulation 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

<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 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**

<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 endocrine/nutritional/metabolic problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

**Sources:** None

**Recodes:** ALDURA22; ALDURB22; ALCHRC22

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

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC22_. See the Survey Description Document for more information.

**Duration of endocrine/nutritional/metabolic problem: Time unit**

<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>5</td>
<td>Since birth</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>8</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHS.321_02.000  R01 RECODE  
**Instrument Variable Name:** Final Documentation Name: ALDURA22

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

**Sources:** ALTIME22; ALUNIT22

**Recodes:** ALDURB22; ALCHRC22

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

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA22. See the Survey Description Document for more information.

<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</td>
<td>01-84</td>
</tr>
<tr>
<td>85</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.321_02.000  R02 RECODE  
**Instrument Variable Name:** Final Documentation Name: ALDURB22

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an endocrine/nutritional/metabolic problem

**Sources:** ALTIME22; ALUNIT22

**Recodes:** ALCHRC22

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

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

<table>
<thead>
<tr>
<th>Duration of endocrine/nutritional/metabolic 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.321_02.000  R03  RECODE  
**Instrument Variable Name:** ALCHRC22

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC22_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to endocrine/nutritional/metabolic problem

**Sources:** AFLHC22_; ALDURB22

**Recodes:** ALCNDRT; ALCHRONR

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

**Notes:** Condition was coded as chronic (ALCHRC22 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Endocrine/nutritional/metabolic problem condition status recode</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.322_01.000 RECODE

**Instrument Variable Name:** AHCL23N

**Final Documentation Name:** ALTIME23

**How long have you had a nervous system/sensory organ condition?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

**Sources:** None

**Recodes:** ALDURA23; ALDURB23; ALCHRC23

**Keywords:** functional limitation; nervous system; sensory organs

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC23_. See the Survey Description Document for more information.

| Duration of nervous system/sensory organ condition: Number of units |
|---|---|
| 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?

**Question ID:** AHS.322_02.000 RECODE

**Instrument Variable Name:** AHCL23T

**Final Documentation Name:** ALUNIT23

**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)
5. Since birth
6. Refused
7. Not ascertained
8. Don't know

---

**Question ID:** AHS.322_02.000 R01 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** ALDURA23

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

**Sources:** ALTIME23; ALUNIT23

**Recodes:** ALDURB23; ALCHRC23

**Keywords:** functional limitation; nervous system; sensory organs

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA23. See the Survey Description Document for more information.

**Duration (in years) of nervous system/sensory organ condition, recode 1**

00. Less than 1 year
01-84. 01-84 years
85. 85+ years
96. Unknown number of years
97. Refused
98. Not ascertained
99. Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult: Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.322_02.000 R02 RECODE Instrument Variable Name:
Final Documentation Name: ALDURB23

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: ALTIME23; ALUNIT23
Recodes: ALCHRC23
Keywords: functional limitation; nervous system; sensory organs
Notes: See the Survey Description Document for more information.

Duration of nervous system/sensory organ condition, recode 2

<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.322_02.000 R03 RECODE Instrument Variable Name:
Final Documentation Name: ALCHRC23

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: AFLHC23_; ALDURB23
Recodes: 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.

Nervous system/sensory organ 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.323_01.000 RECODE

**Instrument Variable Name:** AHCL24N  
**Final Documentation Name:** ALTIME24

**How long have you had digestive system problems?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

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

| Sources: | None |
| Recodes: | ALDURA24; ALDURB24; ALCHRC24 |
| Keywords: | functional limitation; digestion |
| Notes: | Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC24_. See the Survey Description Document for more information. |

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

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

### Question ID: AHS.323_02.000 RECODE

**Instrument Variable Name:** AHCL24T  
**Final Documentation Name:** ALUNIT24

**How long have you had digestive system problems?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

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

| Sources: | None |
| Recodes: | ALDURA24; ALDURB24; ALCHRC24 |
| Keywords: | functional limitation; digestion |
| Notes: | This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC24_. See the Survey Description Document for more information. |

**Duration of digestive system problems: Time unit**

| 1 | Day(s) |
| 2 | Week(s) |
| 3 | Month(s) |
| 4 | Year(s) |
| 6 | Since birth |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
**Question ID:** AHS.323_02.000  
**R01 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA24

### 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:** 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.

<table>
<thead>
<tr>
<th>Duration (in years) of digestive system problems, recode 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
</tr>
<tr>
<td>01-84</td>
</tr>
<tr>
<td>85</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.323_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**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.

<table>
<thead>
<tr>
<th>Duration of digestive system problems, recode 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.323_02.000 R03 RECODE
Instrument Variable 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

Question ID: AHS.324_01.000 RECODE
Instrument Variable Name: AHCL25N

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
Question ID: AHS.324_02.000 RECODE

Instrument Variable Name: AHCL25T
Final Documentation Name: ALUNIT25

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

Question ID: AHS.324_02.000 R01 RECODE

Instrument Variable Name: ALDURA25
Final Documentation Name: ALDURA25

How long have you had a genitourinary system problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources: ALTIME25; ALUNIT25
Recodes: ALDURB25; ALCHRC25
Keywords: functional limitation; genitourinary system
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA25. See the Survey Description Document for more information.

Duration (in years) of genitourinary system problem, recode 1

00  Less than 1 year
01-84  01-84 years
85   85+ years
96   Unknown number of years
97   Refused
98   Not ascertained
99   Don't know
How long have you had a genitourinary system problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources: ALTIME25; ALUNIT25
Recodes: ALCHRC25
Keywords: functional limitation; genitourinary system
Notes: See the Survey Description Document for more information.

Duration of genitourinary system problem, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

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
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.325_01.000 RECODE  Instrument Variable Name: AHCN26N
Final Documentation Name: ALTIME26

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'
Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: None
Recodes: ALDURA26; ALDURB26; ALCHRC26
Keywords: functional limitation; skin; subcutaneous system
Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the
time variable associated with the verbatim fields that were coded to AFLHC26_. See the Survey Description
Document for more information.

Duration of skin/subcutaneous system problems: Number of units

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

Question ID: AHS.325_02.000 RECODE  Instrument Variable Name: AHCN26T
Final Documentation Name: ALUNIT26

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'
Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: None
Recodes: ALDURA26; ALDURB26; ALCHRC26
Keywords: functional limitation; skin; subcutaneous system
Notes: This recode, which was derived from several source variables, was created from the unit variable associated
with the verbatim fields that were coded to AFLHC26_. See the Survey Description Document for more
information.

Duration of skin/subcutaneous system problems: Time unit

| 1     | Day(s) |
| 2     | Week(s) |
| 3     | Month(s) |
| 4     | Year(s) |
| 6     | Since birth |
| 7     | Refused |
| 8     | Not ascertained |
| 9     | Don't know |
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>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.325_02.000  R02  RECODE
Instrument Variable Name:
Final Documentation Name: ALDURB26

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: ALCHRC26
Keywords: functional limitation; skin; subcutaneous system
Notes: See the Survey Description Document for more information.

Duration of skin/subcutaneous system problems, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: AFLHC26_; ALDURB26

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; skin; subcutaneous system

Notes: Condition was coded as chronic (ALCHRC26 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Skin/subcutaneous system problems condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic

How long have you had a blood or blood-forming organ problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: None

Recodes: ALDURA27; ALDURB27; ALCHRC27

Keywords: functional limitation; blood; blood-forming organs

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC27_. See the Survey Description Document for more information.

Duration of blood or blood-forming organ problem: Number of units

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
How long have you had a blood or blood-forming organ problem?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: None
Recodes: ALDURA27; ALDURB27; ALCHRC27
Keywords: functional limitation; blood; blood-forming organs
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC27_. See the Survey Description Document for more information.

Duration of blood or blood-forming organ problem: Time unit

1  Day(s)
2  Week(s)
3  Month(s)
4  Year(s)
6  Since birth
7  Refused
8  Not ascertained
9  Don't know

How long have you had a blood or blood-forming organ problem?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC27_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a blood or blood-forming organ problem

Sources: ALTIME27; ALUNIT27
Recodes: ALDURB27; ALCHRC27
Keywords: functional limitation; blood; blood-forming organs
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA27. See the Survey Description Document for more information.

Duration (in years) of blood or blood-forming organ problem, recode 1

00  Less than 1 year
01-84 01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
### Question ID: AHS.326_02.000 R02 RECODE

**Instrument Variable Name:** ALDURB27

**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.

**Duration of blood or blood-forming organ problem, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: AHS.326_02.000 R03 RECODE

**Instrument Variable Name:** ALCHRC27

**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**

<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>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

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

<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>

Question ID: AHS.327_02.000 RECODE
Instrument Variable Name: AHCL28T
Final Documentation Name: ALUNIT28

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: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC28_. See the Survey Description Document for more information.

Duration of benign tumor/cyst: Time unit

<table>
<thead>
<tr>
<th>Duration</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>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a benign tumor/cyst?

Duration (in years) of benign tumor/cyst, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had a benign tumor/cyst?

Duration of benign tumor/cyst, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<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 benign tumor/cyst?

Universe: $\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN ('997','999')} \text{ and } \text{AFLHC28} = '1'$

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>Recode</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 alcohol/drug/substance abuse problem?

Universe: $\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN ('997','999')} \text{ and } \text{AFLHC29} = '1'$

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: None

Recodes: ALDURA29; ALDURB29; ALCHRC29

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC29_. See the Survey Description Document for more information.

Duration of alcohol /drug/substance abuse problem: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.328_02.000 RECODE
Instrument Variable Name: AHCL29T
Final Documentation Name: ALUNIT29

**How long have you had an alcohol/drug/substance abuse problem?**

Universe: ASTATFLG = '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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>5</td>
<td>Since birth</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>8</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.328_02.000 R01 RECODE
Instrument Variable Name: ALDURA29
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: 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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How long have you had 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.

<table>
<thead>
<tr>
<th>Duration of alcohol/drug/substance abuse problem, recode 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</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.

<table>
<thead>
<tr>
<th>Alcohol /drug/substance abuse problem 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.329_01.000 RECODE

Instrument Variable Name: AHCL30N

Final Documentation Name: ALTIME30

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>Number</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.329_02.000 RECODE

Instrument Variable Name: AHCL30T

Final Documentation Name: ALUNIT30

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

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.329_02.000 R01 RECODE

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

<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.329_02.000 R02 RECODE

How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Sources: ALTIME30; ALUNIT30
Recodes: ALCHRC30
Keywords: functional limitation; mental illness; ADD; bipolar; schizophrenia
Notes: See the Survey Description Document for more information.

Duration of other mental problem/ADD/Bipolar/Schizophrenia, 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 an other mental problem/ADD/Bipolar/Schizophrenia?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

**Sources:** AFLHC30_; ALDURB30

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; mental illness; ADD; bipolar; schizophrenia

**Notes:** Condition was coded as chronic (ALCHRC30 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

**Sources:** None

**Recodes:** ALDURA31; ALDURB31; ALCHRC31

**Keywords:** functional limitation; operation; surgery; other medical treatment

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC31_. See the Survey Description Document for more information.

Duration of surgical after-effects/medical treatment problems: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>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.330_02.000 RECODE

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: None

Recodes: ALDURA31; ALDURB31; ALCHRC31

Keywords: functional limitation; operation; surgery; other medical treatment

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC31_. See the Survey Description Document for more information.

Duration of surgical after-effects/medical treatment problems: Time unit

1     Day(s)
2     Week(s)
3     Month(s)
4     Year(s)
6     Since birth
7     Refused
8     Not ascertained
9     Don't know

Question ID: AHS.330_02.000 R01 RECODE

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: ALTIME31; ALUNIT31

Recodes: ALDURB31; ALCHRC31

Keywords: functional limitation; operation; surgery; other medical treatment

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA31. See the Survey Description Document for more information.

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

00     Less than 1 year
01-84  01-84 years
85     85+ years
96     Unknown number of years
97     Refused
98     Not ascertained
99     Don't know
How long have you had surgical after-effects/medical treatment problems?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: ALTIME31; ALUNIT31
Recodes: ALCHRC31
Keywords: functional limitation; operation; surgery; other medical treatment
Notes: See the Survey Description Document for more information.

Duration of surgical after-effects/medical treatment problems, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

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

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: AFLHC31_; ALDURB31
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; operation; surgery; other medical treatment
Notes: Condition was coded as chronic (ALCHRC31 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Surgical after-effects/medical treatment problems condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
How long have you had "old age"/elderly/aging-related problems?

Universe: 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

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

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

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 |
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.

<table>
<thead>
<tr>
<th>Duration (in years) of &quot;old age&quot;/elderly/aging-related problems, recode 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had "old age"/elderly/aging-related problems?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** ALTIME32; ALUNIT32

**Recodes:** ALCHRC32

**Keywords:** functional limitation; elderly; old age; aging

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

Duration of "old age"/elderly/aging-related problems, recode 2

<table>
<thead>
<tr>
<th>Duration</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How long have you had "old age"/elderly/aging-related problems?**

**Universe:** 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** AFLHC32_; ALDURB32

**Recodes:** ALCNDRT; ALCHRNR

**Keywords:** functional limitation; elderly; old age; aging

**Notes:** Condition was coded as chronic (ALCHRC32 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

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

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

**Sources:** None

**Recodes:** ALDURA33; ALDURB33; ALCHRC33

**Keywords:** functional limitation; fatigue; tiredness; weakness

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC33_. See the Survey Description Document for more information.

Duration of fatigue/tiredness/weakness problem: Number of units

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
Question ID: AHS.332_02.000 RECODE

Instrument Variable Name: AHCL33T
Final Documentation Name: ALUNIT33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: None
Recodes: ALDURA33; ALDURB33; ALCHRC33
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC33_. See the Survey Description Document for more information.

Duration of fatigue/tiredness/weakness problem: 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.332_02.000 R01 RECODE

Instrument Variable Name: ALDURA33
Final Documentation Name: ALUNIT33

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

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 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.

<table>
<thead>
<tr>
<th>Duration of fatigue/tiredness/weakness problem, recode 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

---

### How long have you had a fatigue/tiredness/weakness problem?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

**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.

<table>
<thead>
<tr>
<th>Fatigue/tiredness/weakness problem condition status recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
**2011 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
**samadult : Adult Health Status & Limitations**  
**PUBLIC USE**  
**Document Version Date: 29-May-12**

**Question ID:** AHS.333_01.000 RECODE  
**Instrument Variable Name:** AHCL34N  
**Final Documentation Name:** ALTIME34

**How long have you had a pregnancy-related problem?**

<table>
<thead>
<tr>
<th>Duration of pregnancy-related problem: 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>
</tr>
</tbody>
</table>

**Question ID:** AHS.333_02.000 RECODE  
**Instrument Variable Name:** AHCL34T  
**Final Documentation Name:** ALUNIT34

**How long have you had a pregnancy-related problem?**

<table>
<thead>
<tr>
<th>Duration of pregnancy-related problem: Time unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**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.
**2011 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult

samadult : Adult Health Status & Limitations

PUBLIC USE

Document Version Date: 29-May-12

**Question ID:** AHS.333_02.000  R01 RECODE

Instrument Variable Name:

Final Documentation Name: ALDURA34

**How long have you had a pregnancy-related problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

**Sources:**  
ALTIME34; ALUNIT34

**Recodes:**  
ALDURB34; ALCHRC34

**Keywords:**  
functional limitation; pregnancy

**Notes:**  
Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA34. See the Survey Description Document for more information.

**Duration (in years) of pregnancy-related problem, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</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.333_02.000  R02 RECODE

Instrument Variable Name:

Final Documentation Name: ALDURB34

**How long have you had a pregnancy-related problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

**Sources:**  
ALTIME34; ALUNIT34

**Recodes:**  
ALCHRC34

**Keywords:**  
functional limitation; pregnancy

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

**Duration of pregnancy-related problem, recode 2**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a pregnancy-related problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

**Sources:** AFLHC34_; ALDURB34

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; pregnancy

**Notes:** Condition was coded as chronic (ALCHRC34 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Pregnancy-related condition status recode</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Duration of other impairment/problem N.E.C. (1): 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>
</tr>
</tbody>
</table>
**How long have you had {problem in AFLHCA90}?**

Universe: \( \text{ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'} \)

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)
5. Since birth
6. Refused
7. Not ascertained
8. Don't know

**How long have you had {problem in AFLHCA90}?**

Universe: \( \text{ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'} \)

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)

Sources: ALTIME90; ALUNIT90

Recodes: ALDURA90; ALDURB90; ALCHRC90

Keywords: functional limitation; not elsewhere classified

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA90. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

**Duration (in years) of other impairment/problem N.E.C. (1), recode 1**

00. Less than 1 year
01-84. 01-84 years
85. 85+ years
96. Unknown number of years
97. Refused
98. Not ascertained
99. Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

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  
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.335_02.000 R03 RECODE Instrument Variable Name: 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.

Other impairment/problem N.E.C. (1) condition status recode  
1  Chronic  
2  Not chronic  
9  Unknown if chronic
### 2011 NATIONAL HEALTH INTERVIEW SURVEY

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 29-May-12**

---

**Question ID:** AHS.336_01.000

**Instrument Variable Name:** AHCL91N

**Final Documentation Name:** ALTIME91

**How long have you had {problem in AFLHCA91}?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:** AHCL91N

**Recodes:** ALDURA91; ALDURB91; ALCHRC91

**Keywords:** functional limitation; not elsewhere classified

**Notes:** Years are topcoded at 85. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

#### Duration of other impairment/problem N.E.C. (2): Number of units

<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.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>5</td>
<td>Since birth</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>8</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
### Question ID: AHS.336_02.000 R01 RECODE

**Instrument Variable Name:**  
AlDura91

**Final Documentation Name:**  
AlDura91

**How long have you had {problem in AFLHCA91}?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:**  
AlTime91; AlUnit91

**Recodes:**  
AlDurb91; AlCHRC91

**Keywords:**  
Functional limitation; not elsewhere classified

**Notes:**  
Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on AlDura91. N.E.C. is "not elsewhere classified." See the Survey Description Document for more information.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>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.336_02.000 R02 RECODE

**Instrument Variable Name:**  
AlDurb91

**Final Documentation Name:**  
AlDurb91

**How long have you had {problem in AFLHCA91}?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

**Sources:**  
AlTime91; AlUnit91

**Recodes:**  
AlCHRC91

**Keywords:**  
Functional limitation; not elsewhere classified

**Notes:**  
N.E.C. is "not elsewhere classified." See the Survey Description Document for more information.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>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>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHS.336_02.000          R03  RECODE  Instrument Variable Name:
Final Documentation Name: ALCHRC91

How long have you had {problem in AFLHCA91}?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'
Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

Sources:  AFLHCA91; ALDURB91
Recodes:  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
Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and FLA1AR = '1'
Description: All sample adults aged 18+ years reporting some limitation of activity

Sources:  ALCHRC1-34, ALCHRC90, ALCHRC91
Recodes:  ALCHRONR
Keywords: functional limitation; chronic condition
Notes:  None

Chronic condition recode for individual with functional limitation
1 At least one condition causing functional limitation is chronic
2 No condition causing functional limitation
9 Unknown if any condition causing functional limitation is chronic
Question ID: AHS.336_02.000
Instrument Variable Name: R05 RECODE
Final Documentation Name: ALCHRONR

Recode

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years
Sources: ALCNDRT; FLA1AR
Recodes: None
Keywords: functional limitation; chronic condition
Notes: None

Overall functional limitation recode by condition status

0 Not limited in any way (including unknown if limited)
1 Limited; caused by at least one chronic condition
2 Limited; not caused by chronic condition
3 Limited; unknown if condition is chronic

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

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult: Adult Health Behaviors
PUBLIC USE

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>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>06-84</td>
<td>6 - 84 years</td>
</tr>
<tr>
<td>85</td>
<td>85 years or older</td>
</tr>
<tr>
<td>96</td>
<td>Never smoked regularly</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

Question ID: AHB.030_00.000
Instrument Variable Name: SMKNOW
Final Documentation Name: SMKNOW

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

Sources: None
Recodes: SMKSTAT2
Keywords: smoke; smoking; cigarettes; tobacco
Notes: None

Smoke freq: everyday/some days/not at all

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Every day</td>
</tr>
<tr>
<td>2</td>
<td>Some days</td>
</tr>
<tr>
<td>3</td>
<td>Not at all</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AHB.030_00.000 R01 RECODE

**Instrument Variable Name:**
SMKSTAT2

**Final Documentation Name:**
SMKSTAT2

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

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

**Sources:**
SMKEV; SMKNOW

**Recodes:**
None

**Keywords:**
smoke; smoking status; cigarettes; tobacco

**Notes:**
Some day smokers are persons who said they smoked some days, including those who reported smoking zero days in the past 30 days.

**Smoking Status: Recode**

1. Current every day smoker
2. Current some day smoker
3. Former smoker
4. Never smoker
5. Smoker, current status unknown
9. Unknown if ever smoked

### Question ID: AHB.040_01.000

**Instrument Variable Name:**
SMKQTNO

**Final Documentation Name:**
SMKQTNO

**How long has it been since you quit smoking cigarettes?**

**Universe:**
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '3'

**Description:**
Sample adults aged 18+ years who quit smoking

**Sources:**
None

**Recodes:**
SMKQTY

**Keywords:**
smoke; quit smoking; cigarettes; tobacco; smoking cessation

**Notes:**
(1) CAPI instrument did not allow respondent to report having quit smoking younger than 15 years of age. (2) Years are topcoded at 70 and truncated at AGE_P minus SMKREG.

**Time since quit: # of units**

<table>
<thead>
<tr>
<th>Time</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>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>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 29-May-12

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

<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>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 R01 RECODE
Instrument Variable Name:
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.

Time since quit smoking (in years)

<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>01-69</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>
On the average, how many cigarettes do you now smoke a day?

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

Description: Sample adults aged 18+ years who are current every day smokers

Sources: None
Recodes: CIGSDAY
Keywords: smoke; smoking; cigarettes; tobacco
Notes: None

Number cigs per day (daily smokers)

<table>
<thead>
<tr>
<th>Code</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>

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>Code</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)

- 01-94: 1-94 cigarettes
- 95: 95+ cigarettes
- 97: Refused
- 98: Not ascertained
- 99: Don't know

---

### Question ID: AHB.070_00.000 R01 RECODE

**Instrument Variable Name:** CIGSDA2  
**Final Documentation Name:** CIGSDAY

**Universe:**  
ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997', '999')) and SMKNOW =1 or [SMKNOW = 2 and CIGDAMO = 01-30, 97-99]

**Description:** Sample adults aged 18+ years who smoked everyday or smoked some days, and smoked 1-30 days or (Ref/NA/DK number of days} in the past 30 days

**Sources:** CIGSDA1; CIGSDA2

**Recodes:** None

**Keywords:** smoke; smoking; cigarettes; tobacco

**Notes:** Denominator EXCLUDES persons who said they smoked some days in Q.# AHB.030, but said they smoked zero days in the past 30 days in Q.# AHB.060.

### Number of cigarettes a day (all current smokers)

- 01-94: 1-94 cigarettes
- 95: 95+ cigarettes
- 97: Refused
- 98: Not ascertained
- 99: Don't know
<table>
<thead>
<tr>
<th>Question ID:</th>
<th>AHB.080_00.000</th>
<th>Instrument Variable Name:</th>
<th>CIGQTYR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Final Documentation Name:</td>
<td>CIGQTYR</td>
</tr>
<tr>
<td><strong>During the PAST 12 MONTHS, have you stopped smoking for more than one day BECAUSE YOU WERE TRYING TO QUIT SMOKING?</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universe:</td>
<td>ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = 1, 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years who are every day or someday smokers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recodes:</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keywords:</td>
<td>smoke; quit smoking; cigarettes; tobacco; smoking cessation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes:</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tried quit smoking 1+ days, past 12 m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question ID:</th>
<th>AHB.090_01.000</th>
<th>Instrument Variable Name:</th>
<th>VIGNO</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Final Documentation Name:</td>
<td>VIGNO</td>
</tr>
<tr>
<td><strong>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?</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Universe:</td>
<td>ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sources:</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recodes:</td>
<td>VIGFREQW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Keywords:</td>
<td>physical activity; exercise; vigorous activity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Notes:</td>
<td>None</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Freq vigorous activity: # of units</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>000</td>
<td>Never</td>
<td></td>
<td></td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
<td></td>
<td></td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
<td></td>
<td></td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
How often do you do VIGOROUS leisure-time physical activities for AT LEAST 10 MINUTES that cause HEAVY sweating or LARGE increases in breathing or heart rate?

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

Description: Sample adults aged 18+ years

Freq vigorous activity: Time units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Per day</td>
</tr>
<tr>
<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
</tr>
<tr>
<td>4</td>
<td>Per year</td>
</tr>
<tr>
<td>6</td>
<td>Unable to do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Freq vigorous activity (times per wk)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than once per week</td>
</tr>
<tr>
<td>01-28</td>
<td>1-28 times per week</td>
</tr>
<tr>
<td>95</td>
<td>Never</td>
</tr>
<tr>
<td>96</td>
<td>Unable to do vigorous activity</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.100_01.000  
Instrument Variable Name: VIGLNGNO  
Final Documentation Name: VIGLNGNO

About how long do you do these vigorous leisure-time physical activities each time?

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

Description: Sample adults aged 18+ years who do vigorous activities

Sources: None

Recodes: VIGMIN

Keywords: physical activity; vigorous activity; exercise

Notes: None

Duration vigorous activity: # units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<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>
</tr>
</tbody>
</table>

Question ID: AHB.100_02.000  
Instrument Variable Name: VIGLNGTP  
Final Documentation Name: VIGLNGTP

About how long do you do these vigorous leisure-time physical activities each time?

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

Description: Sample adults aged 18+ years who do vigorous activities

Sources: None

Recodes: VIGMIN

Keywords: physical activity; vigorous activity; exercise

Notes: None

Duration vigorous activity: Time unit

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Minutes</td>
</tr>
<tr>
<td>2</td>
<td>Hours</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHB.100_02.000  
**Instrument Variable Name:** VIGMIN  
**Final Documentation Name:** VIGMIN

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG=1, (AGE GE '018' and AGE not IN ('997','999')) and VIGTP = 1-4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years who participate in vigorous activities for at least 10 min</td>
</tr>
</tbody>
</table>

**Sources:** VIGLNGNO; VIGLNGTP  
**Recodes:** None  
**Keywords:** physical activity; vigorous activity; exercise  
**Notes:** None

**Duration vigorous activity (in minutes)**

<table>
<thead>
<tr>
<th>010-720</th>
<th>10-720 minutes</th>
</tr>
</thead>
<tbody>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHB.110_01.000  
**Instrument Variable Name:** MODNO  
**Final Documentation Name:** MODNO

**How often do you do LIGHT OR MODERATE leisure-time physical activities for AT LEAST 10 MINUTES that cause ONLY LIGHT sweating or a SLIGHT to MODERATE increase in breathing or heart rate?**

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years</td>
</tr>
</tbody>
</table>

**Sources:** None  
**Recodes:** MODFREQW  
**Keywords:** physical activity; exercise; light activity; moderate activity  
**Notes:** None

**Freq moderate activity: # of units**

| 000 | Never |
| 001-995 | 1-995 time(s) |
| 996 | Unable to do this type activity |
| 997 | Refused |
| 998 | Not ascertained |
| 999 | Don't know |
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

<table>
<thead>
<tr>
<th>Freq moderate activity: Time units</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>6</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

**Freq light/moderate activity (times per wk)**

<table>
<thead>
<tr>
<th>Freq light/moderate activity (times per wk)</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
</tr>
<tr>
<td>01-28</td>
</tr>
<tr>
<td>95</td>
</tr>
<tr>
<td>96</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>
### Question ID: AHB.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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<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>
</tr>
</tbody>
</table>

### 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Minutes</td>
</tr>
<tr>
<td>2</td>
<td>Hours</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AHB.120_02.000 R01 RECODE

**Instrument Variable Name:** MODMIN

**Final Documentation Name:** MODMIN

**About how long do you do these light or moderate activities each time?**

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and MODTP = 1 - 4

**Description:** Sample adults aged 18+ years who participate in light/moderate activities for at least 10 min

**Sources:** MODLNGNO; MODLNGTP

**Recodes:** None

**Keywords:** physical activity; light activity; moderate activity; exercise

**Notes:** None

**Duration light/moderate activity (in minutes)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>010-720</td>
<td>10-720 minutes</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**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.

<table>
<thead>
<tr>
<th>Strength activity freq: Time units</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Per day</td>
</tr>
<tr>
<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
</tr>
<tr>
<td>4</td>
<td>Per year</td>
</tr>
<tr>
<td>6</td>
<td>Unable to do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHB.130_02.000 R01 RECODE  
**Instrument Variable Name:** STRFREQW  
**Final Documentation Name:** STRFREQW

How often do you do physical activities specifically designed to STRENGTHEN your muscles such as lifting weights or doing calisthenics? (Include all such activities even if you have mentioned them before.)

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

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

**Sources:** STRNGNO; STRNGTP

**Recodes:** None

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

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

Freq strength activity (times per wk)

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Less than once per week</td>
<td>00</td>
</tr>
<tr>
<td>1-28 times per week</td>
<td>01-28</td>
</tr>
<tr>
<td>Never</td>
<td>95</td>
</tr>
<tr>
<td>Unable to do strength activity</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>
The next questions are about health clubs, wellness programs or fitness facilities, such as the YMCA, community recreation programs, and employer fitness programs. If you wanted to use one, is there a health club, wellness program or fitness facility in your area that meets your needs?

Question ID: AHB.135_00.010
Instrument Variable Name: DISHFAC
Final Documentation Name: DISHFAC

Access to hlth club/fitness facility

<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 any of these barriers limit or prevent you from using a health club, wellness program, or fitness facility that meets your needs? I am going to read a list. Please say yes or no to each one.

…Cost is too high.

Question ID: AHB.136_01.010
Instrument Variable Name: DISHFL02
Final Documentation Name: DISHFL02

Cost too high

<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 any of these barriers limit or prevent you from using a health club, wellness program, or fitness facility that meets your needs?

…Lack of staff or instructors who understand your needs.

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

Description: Sample adults 18+ who do not have access to a health club, wellness program or fitness facility that meets their needs, if they wanted to use one

Lack of staff who understand needs

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Do any of these barriers limit or prevent you from using a health club, wellness program, or fitness facility that meets your needs?

...Lack of exercise equipment that meets your needs.

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

Description: Sample adults 18+ who do not have access to a health club, wellness program or fitness facility that meets their needs, if they wanted to use one

Sources: None

Recodes: None

Keywords: health club; wellness program; fitness facility; recreation program; YMCA; employer fitness program; barriers

Notes: Added in 2011 to AHB section.

Lack of exercise equip that meets needs

<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 any of these barriers limit or prevent you from using a health club, wellness program, or fitness facility that meets your needs?

...Difficulty getting into or moving around the building.

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

Description: Sample adults 18+ who do not have access to a health club, wellness program or fitness facility that meets their needs, if they wanted to use one

Access into/within the building

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Do any of these barriers limit or prevent you from using a health club, wellness program, or fitness facility that meets your needs?

**Inadequate transportation.**

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

Description: Sample adults 18+ who do not have access to a health club, wellness program or fitness facility that meets their needs, if they wanted to use one

Sources: None

Recodes: None

Keywords: health club; wellness program; fitness facility; recreation program; YMCA; employer fitness program; barriers

Notes: Added in 2011 to AHB section.

- **1** Yes
- **2** No
- **7** Refused
- **8** Not ascertained
- **9** Don't know
Question ID: AHB.136_06.060
Instrument Variable Name: DISHFL07
Final Documentation Name: DISHFL07

* Read if necessary.

Do any of these barriers limit or prevent you from using a health club, wellness program, or fitness facility that meets your needs?

…Some other barrier.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and DISHFAC='2'
Description: Sample adults 18+ who do not have access to a health club, wellness program or fitness facility that meets their needs, if they wanted to use one

Sources: None
Recodes: None
Keywords: health club; wellness program; fitness facility; recreation program; YMCA; employer fitness program; barriers
Notes: Added in 2011 to AHB section.

<table>
<thead>
<tr>
<th>Some other barrier</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

Question ID: AHB.140_00.000
Instrument Variable Name: ALC1YR
Final Documentation Name: ALC1YR

In ANY ONE YEAR, have you had at least 12 drinks of any type of alcoholic beverage?

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

Sources: None
Recodes: ALCSTAT
Keywords: alcohol consumption; drinking;
Notes: None

<table>
<thead>
<tr>
<th>Ever had 12+ drinks in any one year</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
Question ID: AHB.150_00.000

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

Sources: None

Recodes: ALCSTAT

Keywords: alcohol consumption; drinking; lifetime

Notes: None

Had 12+ drinks in ENTIRE LIFE

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

Question ID: AHB.160_01.000

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 ALC1LFE = 1)

Description: Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in their entire life

Sources: None

Recodes: ALC12MWK; ALC12MYR; ALCSTAT

Keywords: alcohol consumption; drinking frequency

Notes: Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPNO; ALC5UPTP; ALC5UPYR].

Freq drank alcohol pst yr: # of units

000  Never
001-365  1-365 days
997  Refused
998  Not ascertained
999  Don't know
In the PAST YEAR, how often did you drink any type of alcoholic beverage?

**Frequency**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never/None</td>
</tr>
<tr>
<td>1</td>
<td>Week</td>
</tr>
<tr>
<td>2</td>
<td>Month</td>
</tr>
<tr>
<td>3</td>
<td>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:** AHB.160_02.000  
**Instrument Variable Name:** ALC12MTP  
**Final Documentation Name:** ALC12MTP

**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?**

**Frequency**

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than one day per week</td>
</tr>
<tr>
<td>01-07</td>
<td>1-7 days per week</td>
</tr>
<tr>
<td>95</td>
<td>Did not drink in past year</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>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHB.160_02.000
Instrument Variable Name: ALC12MYR
Final Documentation Name: ALC12MYR

In the PAST YEAR, how often did you drink any type of alcoholic beverage?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and ALC1YR = 1 or ALCLIFE = 1
Description: Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in entire life
Sources: ALC12MNO; ALC12MTP
Recodes: ALCSTAT
Keywords: alcohol consumption; drinking frequency
Notes: (1) Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPNO; ALC5UPTP; ALC5UPYR]. (2) Values calculated from responses of 31 days per month were truncated to 365 days per year.

Freq drank alcohol: Days in past year
000 Never/none
001-365 1-365 days
997 Refused
998 Not ascertained
999 Don't know

Question ID: AHB.170_00.000
Instrument Variable Name: ALCAMT
Final Documentation Name: ALCAMT

In the PAST YEAR, on those days that you drank alcoholic beverages, on the average, how many drinks did you have?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP = 1-3
Description: Sample adults aged 18+ years who drank at least once in the past year
Sources: None
Recodes: ALCSTAT
Keywords: alcohol; drinking; amount; quantity
Notes: None

Average # drinks on days drank
01-94 1-94 drinks
95 95+ drinks
97 Refused
98 Not ascertained
99 Don't know
### 2011 NATIONAL HEALTH INTERVIEW SURVEY

**Sample Adult**

**samadult : Adult Health Behaviors**

**PUBLIC USE**

**Document Version Date: 29-May-12**

<table>
<thead>
<tr>
<th>Question ID: AHB.170_00.000 R01 RECODE</th>
<th>Instrument Variable Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Final Documentation Name: ALCSTAT</strong></td>
<td></td>
</tr>
</tbody>
</table>

**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) |

#### Alcohol drinking status: Recode

| 01 | Lifetime abstainer |
| 02 | Former infrequent |
| 03 | Former regular |
| 04 | Former, unknown frequency |
| 05 | Current infrequent |
| 06 | Current light |
| 07 | Current moderate |
| 08 | Current heavier |
| 09 | Current drinker, frequency/level unknown |
| 10 | Drinking status unknown |
**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].

<table>
<thead>
<tr>
<th>Days 5+ drinks, past yr: # days</th>
<th>000</th>
<th>Never/None</th>
<th>001-365</th>
<th>1-365 days</th>
<th>997</th>
<th>Refused</th>
<th>998</th>
<th>Not ascertained</th>
<th>999</th>
<th>Don't know</th>
</tr>
</thead>
</table>

**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].

<table>
<thead>
<tr>
<th>Days 5+ drinks, past yr: Time unit</th>
<th>0</th>
<th>Never/None</th>
<th>1</th>
<th>Per week</th>
<th>2</th>
<th>Per month</th>
<th>3</th>
<th>Per year</th>
<th>7</th>
<th>Refused</th>
<th>8</th>
<th>Not ascertained</th>
<th>9</th>
<th>Don't know</th>
</tr>
</thead>
</table>
**Question ID:** AHB.180_02.000  R01 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** ALC5UPYR

**In the PAST YEAR, on how many DAYS did you have 5 or more drinks of any alcoholic beverage?**

**Universe:** ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997', '999')) and ALC12MTP = 1-3

**Description:** Sample adults aged 18+ years who drank at least once in past year

**Sources:** ALC5UPNO; ALC5UPTP

**Recodes:** None

**Keywords:** alcohol consumption; heavy drinking; frequency

**Notes:** Not edited for consistency with average number of days or average amount drank in past year [that is, ALC12MNO; ALC12MTP; ALC12MWK; ALC12MYR].

**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>

**Question ID:** AHB.190_04.000  R03 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** AHEIGHT

**How tall are you without shoes?**

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

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

**Sources:** None

**Recodes:** BMI

**Keywords:** height

**Notes:** Since 1997, men's heights were top-coded to 76 inches and women's to 70 inches. Not available (96) refers to persons who had extreme values in either height or weight or both. See Survey Description Document for details.

**Total height in inches**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</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>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AHB.200_02.000  R03 RECODE
Instrument Variable Name: RECODE
Final Documentation Name: AWEIGHTP

How much do you weigh without shoes?

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults aged 18+ years
Sources: None
Recodes: BMI
Keywords: body weight
Notes: Not available (996) refers to persons who had (sex-specific) extreme values for either height or weight or both, that cannot be released for reasons of confidentiality. AWEIGHTP includes values of 126-299 lbs for men and 100-274 lbs for women. Pregnant women, aged 18-49 years, were not excluded from this question and they may be identified using the variable PREGNOW (ACN. 370). See Survey Description Document for details.

Weight without shoes (pounds)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-299</td>
<td>100-299 pounds</td>
</tr>
<tr>
<td>996</td>
<td>Not available</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHB.200_02.000  R04 RECODE
Instrument Variable Name: RECODE
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.

Body Mass Index (BMI)

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001-9994</td>
<td>00.01-99.94</td>
</tr>
<tr>
<td>9995</td>
<td>99.95+</td>
</tr>
<tr>
<td>9999</td>
<td>Unknown</td>
</tr>
</tbody>
</table>
**Question ID:** AHB.210_00.000  
**Instrument Variable Name:** SLEEP  
**Final Documentation Name:** SLEEP

**On average, how many hours of sleep do you get in a 24-hour period?**

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

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

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

<table>
<thead>
<tr>
<th>Hours of sleep</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-24</td>
<td>1-24 hours</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.020_00.000  
**Instrument Variable Name:** AUSUALPL  
**Final Documentation Name:** AUSUALPL

**Is there a place that you USUALLY go to when you are sick or need advice about your health?**

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

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

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

<table>
<thead>
<tr>
<th>Place usually go when sick</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>There is NO place</td>
</tr>
<tr>
<td>3</td>
<td>There is MORE THAN ONE place</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AAU.030_00.000  
**Instrument Variable Name:** APLKIND  
**Final Documentation Name:** APLKIND

['If AUSUALPL = 1] What kind of place is it - a clinic, doctor's office, emergency room, or some other place?  ['Else, if AUSUALPL = 3] What kind of place do you go to most often - a clinic, doctor's office, emergency room, or some other place?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AUSUALPL IN('1','3')

**Description:** Sample adults aged 18+ years with 1+ usual place(s) to go when sick/need health advice

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

Place to go when sick (most often)

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

**Question ID:** AAU.035_00.000  
**Instrument Variable Name:** AHCPILOU  
**Final Documentation Name:** AHCPILOU

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 having a clinic or health center, doctor's office or HMO, hospital emergency room, hospital outpatient department, or some other place that they usually go to when they are sick or need advice about their health.

**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

---

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
<table>
<thead>
<tr>
<th>Question ID: AAU.050_01.010</th>
<th>Instrument Variable Name: ANOUSLPL1-ANOUSLPL9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name: ANOUSPL1</td>
<td></td>
</tr>
<tr>
<td><strong>Why don't you have a usual source of medical care? ...Doesn't need a doctor/Haven't had any problems</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Universe:</strong> ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'</td>
<td></td>
</tr>
<tr>
<td><strong>Description:</strong> Sample adults aged 18+ years without a usual place of care</td>
<td></td>
</tr>
<tr>
<td><strong>Sources:</strong> None</td>
<td></td>
</tr>
<tr>
<td><strong>Recodes:</strong> None</td>
<td></td>
</tr>
<tr>
<td><strong>Keywords:</strong> access; source; health care provider</td>
<td></td>
</tr>
<tr>
<td><strong>Notes:</strong> 2011 Supplement question</td>
<td></td>
</tr>
</tbody>
</table>

Doesn't need doctor/haven't had problems

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mentioned</td>
<td>Not mentioned</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question ID: AAU.050_02.010</th>
<th>Instrument Variable Name: ANOUSLPL1-ANOUSLPL9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name: ANOUSPL2</td>
<td></td>
</tr>
<tr>
<td><strong>Why don't you have a usual source of medical care? ...Doesn't like/trust/believe in doctors</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Universe:</strong> ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'</td>
<td></td>
</tr>
<tr>
<td><strong>Description:</strong> Sample adults aged 18+ years without a usual place of care</td>
<td></td>
</tr>
<tr>
<td><strong>Sources:</strong> None</td>
<td></td>
</tr>
<tr>
<td><strong>Recodes:</strong> None</td>
<td></td>
</tr>
<tr>
<td><strong>Keywords:</strong> access; source; health care provider</td>
<td></td>
</tr>
<tr>
<td><strong>Notes:</strong> 2011 Supplement question</td>
<td></td>
</tr>
</tbody>
</table>

Doesn't like/trust/believe in doctors

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mentioned</td>
<td>Not mentioned</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
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

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?  ...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

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don’t know
### Question ID: AAU.050_05.010

#### Instrument Variable Name:
ANOUSLPL1-ANOUSLPL9

#### Final Documentation Name:
ANOUSPL5

**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

<table>
<thead>
<tr>
<th>Reason</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Too expensive/no insurance/cost</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>9</td>
</tr>
</tbody>
</table>

### Question ID: AAU.050_06.010

#### Instrument Variable Name:
ANOUSLPL1-ANOUSLPL9

#### Final Documentation Name:
ANOUSPL6

**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

<table>
<thead>
<tr>
<th>Reason</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speak a different language</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>8</td>
</tr>
<tr>
<td></td>
<td>9</td>
</tr>
<tr>
<td>Question ID: AAU.050_07.010</td>
<td>Instrument Variable Name: ANOUSLPL1-ANOUSLPL9</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Final Documentation Name: ANOUSPL7</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Question ID: AAU.050_08.010</th>
<th>Instrument Variable Name: ANOUSLPL1-ANOUSLPL9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name: ANOUSPL8</td>
<td></td>
</tr>
</tbody>
</table>

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
2011 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 29-May-12  

Question ID: AAU.050_09.010  
Instrument Variable Name: ANOUSPL1-ANOUSPL9  
Final Documentation Name: ANOUSPL9  

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  

Question ID: AAU.051_00.010  
Instrument Variable Name: APRVTRYR  
Final Documentation Name: APRVTRYR  

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

Description: Sample adults aged 18+ years who had trouble finding a provider

Sources: None

Recodes: None

Keywords: access; source; health care provider

Notes: 2011 Supplement question

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 = '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

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
**Question ID:** AAU.059_00.010  
**Instrument Variable Name:** ADRNAI  
**Final Documentation Name:** ADRNAI

**DURING THE PAST 12 MONTHS, were you told by a doctor's office or clinic that they did not accept your health care coverage?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider; health insurance

**Notes:** 2011 Supplement question

<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.061_01.000  
**Instrument Variable Name:** AHCDLY_1  
**Final Documentation Name:** AHCDLYR1

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

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

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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; delayed care; access problems

**Notes:** None

<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>
There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... You couldn’t get an appointment soon enough

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

Description:  
Sample adults aged 18+ years

Sources:  
None

Recodes:  
None

Keywords:  
access; source; delayed care; access problems; scheduling

Notes:  
None

Couldn’t get appointment soon enough, past 12 m

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

There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... Once you get there, you have to wait too long to see the doctor

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

Description:  
Sample adults aged 18+ years

Sources:  
None

Recodes:  
None

Keywords:  
access; source; delayed care; access problems; waiting time

Notes:  
None

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

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don’t know
There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? The clinic/doctor's office wasn't open when you could get there

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; access problems; scheduling
Notes: None

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

No transportation, past 12 m

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

1 Y e s  
2 N o  
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

1 Y e s  
2 N o  
7 Refused  
8 Not ascertained  
9 Don't know
**2011 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

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

**PUBLIC USE**

**Document Version Date: 29-May-12**

---

**Question ID:** AAU.111_03.000  
**Instrument Variable Name:** AHCAFY_3  
**Final Documentation Name:** AHCAFYR3

**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**

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

---

**Question ID:** AAU.111_04.000  
**Instrument Variable Name:** AHCAFY_4  
**Final Documentation Name:** AHCAFYR4

**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**

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

1. Couldn't afford a specialist, past 12 m
   - 1 Yes
   - 2 No
   - 7 Refused
   - 8 Not ascertained
   - 9 Don't know

---

**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

1. Couldn't afford follow-up care, past 12 m
   - 1 Yes
   - 2 No
   - 7 Refused
   - 8 Not ascertained
   - 9 Don’t know
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

<table>
<thead>
<tr>
<th>Question ID: AAU.113_00.010</th>
<th>Instrument Variable Name: AWORPAY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Final Documentation Name: AWORPAY</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Question ID: AAU.113_00.020</th>
<th>Instrument Variable Name: AHICOMP</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Final Documentation Name: AHICOMP</td>
</tr>
</tbody>
</table>

Health insurance coverage compared to a year ago

1  Better
2  Worse
3  About the same
7  Refused
8  Not ascertained
9  Don't know
The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are 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"))

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question

Skipped medication doses to save money, past 12 m

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

The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

...you took less medicine to save money

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question

Took less medicine to save money, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

...You delayed filling a prescription to save money

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question

Delayed filling a prescription to save money, past 12 m

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

The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

...You asked your doctor for a lower cost medication to save money.

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; generic drugs; cost
Notes: 2011 Supplement question

Asked doctor for lower cost medication to save money, past 12 m

1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult: Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AAU.127_05.010
Instrument Variable Name: ARXPR_5
Final Documentation Name: ARXPR_5

The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

…You bought prescription drugs from another country to save money.

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

Sources: None
Recodes: None
Keywords: access; source; prescription drugs; cost
Notes: 2011 Supplement question

Bought prescription drugs from another country to save money, past 12 m

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

Question ID: AAU.127_06.010
Instrument Variable Name: ARXPR_6
Final Documentation Name: ARXPR_6

The following questions concern the use of prescription medication DURING THE PAST 12 MONTHS, are any of the following true for you?

…You used alternative therapies to save money.

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

Sources: None
Recodes: None
Keywords: access; source; cost; alternative medicine
Notes: 2011 Supplement question

Used alternative therapies to save money, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AAU.135_00.000
Instrument Variable Name: ADENLONG
Final Documentation Name: ADNLONG2

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

Seen/talked to mental health professional, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
### Question ID: AAU.141_02.000

**Instrument Variable Name:** AHCSY1_2  
**Final Documentation Name:** AHCSYR2

**Questions:**  
**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

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

### Question ID: AAU.141_03.000

**Instrument Variable Name:** AHCSY1_3  
**Final Documentation Name:** AHCSYR3

**Questions:**  
**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

<table>
<thead>
<tr>
<th>Recode</th>
<th>Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AAU.141_04.000
Instrument Variable Name: AHCSY1_4
Final Documentation Name: AHCSYR4

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

Question ID: AAU.141_05.000
Instrument Variable Name: AHCSY1_5
Final Documentation Name: AHCSYR5

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

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 29-May-12

Question ID: AAU.141_06.000
Instrument Variable Name: AHCSY1_6
Final Documentation Name: AHCSYR6

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A nurse practitioner, physician assistant, or midwife

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

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; midwife; nurse; physician assistant
Notes: None

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

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

Question ID: AAU.200_00.000
Instrument Variable Name: AHCSYR7
Final Documentation Name: AHCSYR7

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A doctor who specializes in women's health (an obstetrician/gynecologist)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SEX = '2'
Description: Female Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; gynecologist; obstetrician
Notes: None

Seen/talked to OB/GYN, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 29-May-12

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

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

Question ID: AAU.211_02.000
Instrument Variable Name: AHCSY8_9
Final Documentation Name: AHCSYR9

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A general doctor who treats a variety of illnesses (a doctor in general practice, family medicine, or internal medicine)

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

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; general practitioner; internist; family doctor
Notes: None

Seen/talked to a general doctor, past 12 m

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

DURING THE PAST 12 MONTHS, HOW MANY TIMES have you gone to a HOSPITAL EMERGENCY ROOM about your own health? (This includes emergency room visits that resulted in a hospital admission.)

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care
Notes: None

# times in ER/ED, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></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>
</tr>
<tr>
<td>03</td>
<td>4-5</td>
</tr>
<tr>
<td>04</td>
<td>6-7</td>
</tr>
<tr>
<td>05</td>
<td>8-9</td>
</tr>
<tr>
<td>06</td>
<td>10-12</td>
</tr>
<tr>
<td>07</td>
<td>13-15</td>
</tr>
<tr>
<td>08</td>
<td>16 or more</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AAU.243_00.010  
**Instrument Variable Name:** AERVISND  
**Final Documentation Name:** AERVISND

Thinking about your most recent emergency room visit, did you go to the emergency room either at night or on the weekend?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <=AHERNOY2 <='08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None

**Recodes:** None

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

**Notes:** 2011 Supplement question

**ER visit at night or on weekend**

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

**Question ID:** AAU.245_00.010  
**Instrument Variable Name:** AERHOS  
**Final Documentation Name:** AERHOS

Did this emergency room visit result in a hospital admission?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <=AHERNOY2 <='08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None

**Recodes:** None

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

**Notes:** 2011 Supplement question

**ER visit resulted in hospital admission**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Tell me which of these apply to your last emergency room visit?

**... You didn't have another place to go**

<table>
<thead>
<tr>
<th>Universe:</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AERHOS='2'</code></td>
</tr>
</tbody>
</table>

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year and the last visit did not result in a hospital admission

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; emergency room visit (ER); emergency department visit (ED); critical care |
| Notes: | 2011 Supplement question |

Didn't have another place to go

<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>

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

**... Your doctor's office or clinic was not open**

<table>
<thead>
<tr>
<th>Universe:</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AERHOS='2'</code></td>
</tr>
</tbody>
</table>

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year and the last visit did not result in a hospital admission

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; emergency room visit (ER); emergency department visit (ED); critical care |
| Notes: | 2011 Supplement question |

Doctor's office or clinic not open

<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>
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 AERHOS='2'

Description: Sample adults aged 18+ years who had at least one ER visit in the past year and the last visit did not result in a hospital admission

Sources: None
Recodes: None
Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care
Notes: 2011 Supplement question

Advised by health provider to go to ER

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 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 AERHOS='2'

Description: Sample adults aged 18+ years who had at least one ER visit in the past year and the last visit did not result in a hospital admission

Sources: None
Recodes: None
Keywords: access; source; emergency room (ER); emergency department visit (ED); critical care
Notes: 2011 Supplement question

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

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

Description: 
Sample adults aged 18+ years who had at least one ER visit in the past year and the last visit did not result in a hospital admission

Sources: 
None

Recodes: 
None

Keywords: 
access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 
2011 Supplement question

Only hospital could help

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

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

... the emergency room is your closest provider

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

Description: 
Sample adults aged 18+ years who had at least one ER visit in the past year and the last visit did not result in a hospital admission

Sources: 
None

Recodes: 
None

Keywords: 
access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 
2011 Supplement question

ER is closest provider

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
<table>
<thead>
<tr>
<th>Question ID: AAU.248_07.070</th>
<th>Instrument Variable Name: AERREAS7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name: AERREAS7</td>
<td></td>
</tr>
</tbody>
</table>

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 AERHOS='2' |
| Description: Sample adults aged 18+ years who had at least one ER visit in the past year and the last visit did not result in a hospital admission |
| Sources: None |
| Recodes: None |
| Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care |
| Notes: 2011 Supplement question |

ER is usual place to get care

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

<table>
<thead>
<tr>
<th>Question ID: AAU.248_08.080</th>
<th>Instrument Variable Name: AERREAS8</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name: AERREAS8</td>
<td></td>
</tr>
</tbody>
</table>

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 AERHOS='2' |
| Description: Sample adults aged 18+ years who had at least one ER visit in the past year and the last visit did not result in a hospital admission |
| Sources: None |
| Recodes: None |
| Keywords: access; source; emergency room visit (ED); emergency department visit (ED); critical care; EMS |
| Notes: 2011 Supplement question |

Arrived at ER by ambulance/other emergency vehicle

| 1 Yes |
| 2 No |
| 7 Refused |
| 8 Not ascertained |
| 9 Don’t know |
**2011 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 29-May-12

**Question ID:** AAU.250_00.000  
**Instrument Variable Name:** AHCHYR  
**Final Documentation Name:** AHCHYR

**DURING THE PAST 12 MONTHS, did you receive care AT HOME from a nurse or other health care professional?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; home health visit; treatment; visiting nurse

**Notes:** None

Received home care from health professional, past 12 m

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

**Question ID:** AAU.260_00.000  
**Instrument Variable Name:** AHCHMOYR  
**Final Documentation Name:** AHCHMOYR

**During how many of the PAST 12 MONTHS did you receive care AT HOME from a health care professional?**

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

**Description:** Sample adults aged 18+ years who received home care from health professional during past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** access; source; home health visit; treatment; visiting nurse

**Notes:** None

# months of home care, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-12</td>
<td>01-12 months</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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>
</tr>
<tr>
<td>04</td>
</tr>
<tr>
<td>05</td>
</tr>
<tr>
<td>06</td>
</tr>
<tr>
<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

Total number of office visits, past 12 m

<table>
<thead>
<tr>
<th>Total</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>00</td>
</tr>
<tr>
<td>1</td>
<td>01</td>
</tr>
<tr>
<td>2-3</td>
<td>02</td>
</tr>
<tr>
<td>4-5</td>
<td>03</td>
</tr>
<tr>
<td>6-7</td>
<td>04</td>
</tr>
<tr>
<td>8-9</td>
<td>05</td>
</tr>
<tr>
<td>10-12</td>
<td>06</td>
</tr>
<tr>
<td>13-15</td>
<td>07</td>
</tr>
<tr>
<td>16 or more</td>
<td>08</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:** 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
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
### Thinking about your last visit for any type of medical care, where did you go?

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

<table>
<thead>
<tr>
<th>Place</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Clinic or health center</td>
</tr>
<tr>
<td>2</td>
<td>Doctor's office or HMO</td>
</tr>
<tr>
<td>3</td>
<td>Hospital emergency room</td>
</tr>
<tr>
<td>4</td>
<td>Hospital outpatient department</td>
</tr>
<tr>
<td>5</td>
<td>Urgent care center</td>
</tr>
<tr>
<td>6</td>
<td>Some other place</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Did you see a general doctor, a specialist, or someone else?

**Universe:** \( \text{ASTATFLG} = 1 \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN \( ('997','999') \) and \( \text{AVISLAST} \) 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:** 2011 Supplement

**Doctor/specialist/someone else seen on last visit**

<table>
<thead>
<tr>
<th>Doctor/specialist/someone else</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General doctor</td>
</tr>
<tr>
<td>2</td>
<td>Specialist</td>
</tr>
<tr>
<td>3</td>
<td>Someone else</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>
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?

*Enter ‘0’ for same day or walk-in appointment

*Enter number for appointment wait time.

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 somewhere 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

Appointment wait time-number

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Same day</td>
</tr>
<tr>
<td>01-96</td>
<td>1-96</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
**Question ID:** AAU.307_02.020  
**Instrument Variable Name:** AVISAPTT  
**Final Documentation Name:** AVISAPTT

<table>
<thead>
<tr>
<th>2 of 2</th>
</tr>
</thead>
</table>

*Enter time period for appointment wait time.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01'<=AVISAPTN<='96','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.

**Sources:** None  
**Recodes:** None  
**Keywords:** access; sources; health care provider; waiting time  
**Notes:** 2011 Supplements question

**Appointment wait time—time period**

| 1 | Days |
| 2 | Weeks |
| 3 | Months |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
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.

**Question ID:** AAU.308_01.010

**Instrument Variable Name:** AWAITRMN

**Final Documentation Name:** AWAITRMN

1 of 2

1. **How long did you have to wait in the waiting room before you saw a doctor or other health professional for this visit?**

2. **Enter time period for time in the waiting room.**

**Question ID:** AAU.308_02.020

**Instrument Variable Name:** AWAITRMT

**Final Documentation Name:** AWAITRMT

2 of 2

1. **How long did you have to wait in the waiting room before you saw a doctor or other health professional for this visit?**

2. **Enter time period for time in the waiting room.**
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
2011 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 29-May-12

DURING THE PAST 12 MONTHS, have you ever used computers for any of the following...

---

**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.

<table>
<thead>
<tr>
<th>Scheduled medical appointment on Internet, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

---

**Question ID:** AAU.309_00.040  
**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.

<table>
<thead>
<tr>
<th>Communicated with health care provider by email, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
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
During the past 12 months, several kinds of flu vaccines have been available. I will ask you about your most recent flu vaccination.

DURING THE PAST 12 MONTHS, have you had a flu shot? A flu shot is usually given in the fall and protects against influenza for the flu season. [A flu shot is injected in the arm. Do not include an influenza vaccine sprayed in the nose.]

[Your most recent flu vaccination could have been the new 2010-2011 flu vaccine available starting last fall, or either of the two types available last season, one called “seasonal” and the other called "H1N1" or “swine” flu vaccine.]

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

Description: Sample adults aged 18+ years

<table>
<thead>
<tr>
<th>Flu shot past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
**Question ID:** AAU.312_01.000

**Instrument Variable Name:** ASHFLU_M

**Final Documentation Name:** ASHFLUM2

**Question:** During what month and year did you receive your most recent flu shot?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SHTFLU2='1')

**Description:** Sample adults aged 18+ years who have had a flu shot

**Sources:** None

**Recodes:** None

**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; H1N1; swine flu; pandemic flu

**Notes:** None

<table>
<thead>
<tr>
<th>Month of most recent flu shot</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>01</td>
</tr>
<tr>
<td>February</td>
<td>02</td>
</tr>
<tr>
<td>March</td>
<td>03</td>
</tr>
<tr>
<td>April</td>
<td>04</td>
</tr>
<tr>
<td>May</td>
<td>05</td>
</tr>
<tr>
<td>June</td>
<td>06</td>
</tr>
<tr>
<td>July</td>
<td>07</td>
</tr>
<tr>
<td>August</td>
<td>08</td>
</tr>
<tr>
<td>September</td>
<td>09</td>
</tr>
<tr>
<td>October</td>
<td>10</td>
</tr>
<tr>
<td>November</td>
<td>11</td>
</tr>
<tr>
<td>December</td>
<td>12</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>
2011 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 29-May-12  

**Question ID:** AAU.312_02.000  
**Instrument Variable Name:** ASHFLU_Y  
**Final Documentation Name:** ASHFLUY2

*Enter year of most recent flu shot.*

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997', '999') and SHTFLU2 = '1')

**Description:** Sample adults aged 18+ years who have had a flu shot

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; H1N1; swine flu; pandemic flu  
**Notes:** None

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9997</td>
<td>Refused</td>
</tr>
<tr>
<td>9998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AAU.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.]

[Your most recent flu vaccination could have been the new 2010-2011 flu vaccine available starting last fall, or either of the two types available last season, one called “seasonal” and the other called ”H1N1” or “swine” flu vaccine.]

**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; flu; flu vaccine spray; flumist; influenza; LAIV; H1N1; swine flu; pandemic flu  
**Notes:** None

**Flu nasal spray 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.318_01.000

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

Year of most recent flu nasal spray

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9997</td>
<td>Refused</td>
</tr>
<tr>
<td>9998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AAU.320_00.000  
Instrument Variable Name: SHTPNUYR  
Final Documentation Name: SHTPNUYR

Have you EVER had a pneumonia shot? This shot is usually given only once or twice in a person's lifetime and is different from the flu shot. It is also called the pneumococcal vaccine.

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

Description: Sample adults aged 18+ years

Pneumonia shot (EVER)

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

Ever had chickenpox

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

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

Chickenpox, past 12 m

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

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 B; vaccine; liver
Notes: None

Hepatitis B vaccine (EVER)

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

Did you receive at least 3 doses of the hepatitis B vaccine, or less than 3 doses?

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

Description: Sample adults aged 18+ years who have received the Hepatitis B vaccine

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
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?

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

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

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

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

**Notes:** 2008 Supplement question

---

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

**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>Code</th>
<th># shots of hepatitis A vaccine received</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-95</td>
<td>01-95 shots</td>
</tr>
<tr>
<td>96</td>
<td>Received 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>
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®?

**Question ID:** AAU.410_00.010  
**Instrument Variable Name:** SHINGLES  
**Final Documentation Name:** SHINGLES

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '050' and AGE not IN ('997','999'))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 50+ years</td>
</tr>
</tbody>
</table>

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; shingles, herpes zoster, chicken pox, rash  
**Notes:** 2008 Supplement question

Ever had the Zoster or Shingles vaccine

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

---

**Question ID:** AAU.420_00.010  
**Instrument Variable Name:** SHTTD  
**Final Documentation Name:** SHTTD

**Have you received a tetanus shot in the past 10 years?**

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years</td>
</tr>
</tbody>
</table>

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

Tetanus shot in the past 10 years

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
### Question ID: AAU.430_00.010

**Instrument Variable Name:** SHTTD05  
**Final Documentation Name:** SHTTD05

**Was your most recent tetanus shot given in 2005 or later?**

**Universe:**  
ASTATFLG = '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

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

### Question ID: AAU.440_00.010

**Instrument Variable Name:** SHTTDAP  
**Final Documentation Name:** SHTTDAP

**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™. They are similar except the Tdap shot also includes a pertussis (per-TUH-sis) or whooping cough vaccine. Thinking back to your most recent tetanus shot, did the doctor tell you the vaccine included the pertussis or whooping cough vaccine? The shot is often called Tdap or ADACEL™.**

**Universe:**  
ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999')) and SHTTD05 IN ('1','7')

**Description:**  
Sample adults aged 18-64 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

<table>
<thead>
<tr>
<th>1</th>
<th>Yes-included pertussis</th>
</tr>
</thead>
<tbody>
<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 heard of HPV? HPV stands for human papillomavirus (pap-uh-LOW-muh-vi-rus).

**Universe:** ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18-64 years

---

Ever heard of HPV

1. Yes
2. No
3. Refused
4. Not Ascertained
5. Don't know

---

Two vaccines, or shots, to prevent HPV infection are available in the United States. Both vaccines prevent cervical cancer and one also prevents genital warts. The two HPV vaccines are sometimes called CERVARIX® or GARDASIL®. Before this survey, have you ever heard of HPV vaccines or shots?

**Universe:** ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999'))

**Description:** Sample adults aged 18-64 years

---

Ever heard of HPV vaccines or shots

1. Yes
2. No
3. Refused
4. Not Ascertained
5. Don't know
Have you ever received an HPV shot or vaccine?

Universe: ASTATFLG = '1' and (018 <= AGE <= 064) and (AGE not IN (997,999))
Description: Sample adults aged 18-64 years

Question ID: AAU.446_00.010
Instrument Variable Name: SHTHPV1
Final Documentation Name: SHTHPV1

<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>3</td>
<td>Doctor refused when asked</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 many HPV shots did you receive?

Universe: ASTATFLG = '1' and (018 <= AGE <= 064) and (AGE not IN (997,999)) and SHTHPV1='1'
Description: Sample adults aged 18-64 years who received an HPV shot

Question ID: AAU.448_00.010
Instrument Variable Name: SHHPVDOS
Final Documentation Name: SHHPVDOS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-49</td>
<td>1-49 shots</td>
</tr>
<tr>
<td>50</td>
<td>50+ shots</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>
### Has a doctor or other health professional ever told you that you had any kind of chronic, or long-term liver condition?

**Question ID:** AAU.450_00.010  
**Instrument Variable Name:** LIVEV  
**Final Documentation Name:** LIVEV

**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

<table>
<thead>
<tr>
<th>Ever told you had any kind of chronic/long-term liver condition</th>
<th>1</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<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>
<td></td>
</tr>
</tbody>
</table>

### Have you ever traveled outside of the United States to countries other than Europe, Japan, Australia, New Zealand or Canada, since 1995?

**Question ID:** AAU.460_00.010  
**Instrument Variable Name:** TRAVEL.  
**Final Documentation Name:** TRAVEL.

**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

<table>
<thead>
<tr>
<th>Ever traveled outside USA since 1995 (Excluding Europe, Japan, Australia, New Zealand, and Canada)</th>
<th>1</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<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>
<td></td>
</tr>
</tbody>
</table>
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 part-time and unpaid work in a health care facility as well as professional nursing care provided in the home.
*Read if necessary: 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
Notes: 2009 Supplement question

Work or volunteer in a health care setting

<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 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 WRKHLTH = '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
Notes: 2009 Supplement question

Direct contact with patients

<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.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

<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.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

<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>
**2011 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult  
Samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 29-May-12

---

**Question ID:** AAU.520_00.010  
**Instrument Variable Name:** APSBSCHK  
**Final Documentation Name:** APSBSCHK

**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

---

**Question ID:** AAU.530_00.010  
**Instrument Variable Name:** APSPAP  
**Final Documentation Name:** APSPAP

**Have you had a Pap smear or Pap test DURING THE PAST 12 MONTHS?**

*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 aged 18+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; pap test; pap smear  
**Notes:** 2011 Supplement question

**Pap smear/test, past 12 m**

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
Have you had a Mammogram DURING THE PAST 12 MONTHS?

*Read if necessary.

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

Mammogram, past 12 m

1    Yes
2    No
7    Refused
8    Not ascertained
9    Don't know
2011 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 29-May-12

**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?**

*Read if necessary.

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

**Test for colon cancer, 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.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

**Doctor/health professional talked to you about diet, 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.570_00.010  
**Instrument Variable Name:** APSSMKC  
**Final Documentation Name:** APSSMKC

**Question:**

**DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your smoking?**

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

**Description:**  
Sample adults aged 18+ years who currently smoke every day or some days

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; smoke; smoking; cigarettes; tobacco  
**Notes:** 2011 Supplement question

**Doctor/health professional talked to you about smoking, past 12 m**

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

---

**Question ID:** AAU.580_00.010  
**Instrument Variable Name:** LTCFAM  
**Final Documentation Name:** LTCFAM

**Question:**

**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?**

*Read if necessary: Due to a chronic illness or disability.*

**Universe:**  
ASTATFLG = '1' and ('040' LEAGE LE '065') and AGE not IN ('997','999'))

**Description:**  
Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs  
**Notes:** 2011 Supplement question

**Have family member who needed ADL help for 1+ yrs**

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

*Read categories below.

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

---

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
**2011 NATIONAL HEALTH INTERVIEW SURVEY**

Sample Adult

samadult : Adult Access to Health Care & Utilization

PUBLIC USE

Document Version Date: 29-May-12

**Question ID:** AAU.584_02.010  
**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO2

If you needed such help, who would provide this help? ...Someone I hire

**Universe:** ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; long term care; ADLs

**Notes:** 2011 Supplement question

<table>
<thead>
<tr>
<th>Hire someone to provide ADL help</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>

**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

<table>
<thead>
<tr>
<th>Home health care organization would provide ADL help</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>
**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

**Question ID:** AAU.584_05.010  
**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO5

If you needed such help, who would provide this help? …Other

**Universe:** ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs  
**Notes:** 2011 Supplement question

Other would provide ADL help

1  Mentioned  
2  Not mentioned  
7  Refused  
8  Not ascertained  
9  Don’t know
Health Care Reform establishes a voluntary, government-run insurance program to pay for help with everyday needs like bathing, dressing or eating. People will be able to enroll, and pay a monthly premium. Once they need care they would receive an average of $50 each day. Would you be interested in purchasing this insurance?

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 insurance; ADLs

Notes: 2011 Supplement question

Interested in purchasing government insurance for ADL help

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

How much would you be willing to pay per month NOW to receive this benefit later in life?

Universe: ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999')) and LTCPRH IN('1','9')

Description: Sample adults aged 40-65 years who would be interested in purchasing long-term care insurance or don’t know if they are interested

Sources: None

Recodes: None

Keywords: access; source; long term care insurance; ADLs

Notes: 2011 Supplement question

Amount willing to pay for government insurance for ADL help

01   $1-$24 per month
02   $25-$49 per month
03   $50-$74 per month
04   $75-$99 per month
05   $100-$124 per month
06   $125 per month or more
07   Nothing/Not interested in the program
97   Refused
98   Not ascertained
99   Don’t know
Question ID: AAU.590_00.010
Instrument Variable Name: LTC100M
Final Documentation Name: LTC100M

How likely would it be for you to pay $100 per month for this insurance? Would you say...

*Read categories below.

Universe: ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999')) and LTCPAY='99'

Description: Sample adults aged 40-65 years who don’t know how much they would be willing to pay per month for long-term care insurance

Sources: None
Recodes: None
Keywords: access; source; long term care insurance; ADLs
Notes: 2011 Supplement question

Willing to pay $100 mo for government insurance for ADL help

1 Very likely
2 Somewhat likely
3 Somewhat unlikely
4 Very unlikely
7 Refused
8 Not ascertained
9 Don’t know

Question ID: AAU.600_00.010
Instrument Variable Name: AINDINS
Final Documentation Name: AINDINS

DURING THE PAST 3 YEARS, did you try to purchase health insurance directly, that is, not through any employer, union, or government program?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; health insurance; health care coverage; health plan
Notes: 2011 Supplement question

Tried to purchase health insurance directly, past 3 yrs

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know
### Was a plan purchased?

**Question ID:** AAU.600_00.020  
**Instrument Variable Name:** AINDPRCH  
**Final Documentation Name:** AINDPRCH

<table>
<thead>
<tr>
<th>Universe</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and AINDINS='1')</td>
<td>Sample adults aged 18+ years who tried to purchase health insurance directly in the past 3 years</td>
</tr>
</tbody>
</table>

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance, health care coverage; health plan  
**Notes:** 2011 Supplement question

- **Purchased health insurance directly, past 3 yrs**
  1. Yes
  2. No
  7. Refused
  8. Not ascertained
  9. Don’t know

### Was this plan for yourself, someone else in your family, or both?

**Question ID:** AAU.600_00.030  
**Instrument Variable Name:** AINDWHO  
**Final Documentation Name:** AINDWHO

<table>
<thead>
<tr>
<th>Universe</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AINDPRCH='1'</td>
<td>Sample adults aged 18+ years who purchased health insurance directly in the past 3 years</td>
</tr>
</tbody>
</table>

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan  
**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
How difficult was it to find a plan with the type of coverage you needed? Would you say…

*Read categories below.

How difficult to find health insurance for coverage needed

1 Very difficult
2 Somewhat difficult
3 Not at all difficult
7 Refused
8 Not ascertained
9 Don’t know

How difficult was it to find a plan you could afford? Would you say…

*Read categories below.

How difficult to find affordable health insurance

1 Very difficult
2 Somewhat difficult
3 Not at all difficult
7 Refused
8 Not ascertained
9 Don’t know
**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**

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 {fill: 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**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don’t know
**Did any company exclude a specific health problem from the coverage?**

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

**Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health insurance; health care coverage, health plan

**Notes:** 2011 Supplement question

| Specific health problem excluded from coverage |
|-------|----------------|
| 1     | Yes            |
| 2     | No             |
| 7     | Refused        |
| 8     | Not ascertained|
| 9     | Don’t know     |

**Why did you not buy the plan? ...Turned down**

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

**Description:** Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health insurance; health care coverage; health plan

**Notes:** 2011 Supplement question

| Didn’t buy plan because turned down |
|-------|----------------|
| 1     | Mentioned      |
| 2     | Not mentioned  |
| 7     | Refused        |
| 8     | Not ascertained|
| 9     | Don’t know     |
**2011 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

samadult : Adult Access to Health Care & Utilization

**PUBLIC USE**

**Document Version Date: 29-May-12**

---

**Question ID:** AAU.601_02.070  
**Instrument Variable Name:** AINDNOT1-AINDNOT5  
**Final Documentation Name:** AINDNOT2

**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  
**Notes:** 2011 Supplement question

Didn’t buy plan because of cost

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

---

**Question ID:** AAU.601_03.070  
**Instrument Variable Name:** AINDNOT1-AINDNOT5  
**Final Documentation Name:** AINDNOT3

**Why did you not buy the plan? …Pre-existing condition**

**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  
**Notes:** 2011 Supplement question

Didn’t buy plan because of pre-existing condition

1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don’t know
<table>
<thead>
<tr>
<th>Question ID: AAU.601_04.070</th>
<th>Instrument Variable Name: AINDNOT1-AINDNOT5</th>
<th>Final Documentation Name: AINDNOT4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Why did you not buy the plan?</strong></td>
<td><strong>...Got health insurance from other source</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Universe:</strong></td>
<td>ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='2'</td>
<td></td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years</td>
<td></td>
</tr>
<tr>
<td><strong>Sources:</strong></td>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>Keywords:</strong></td>
<td>access; source; health insurance; health care coverage; health plan</td>
<td></td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>2011 Supplement question</td>
<td></td>
</tr>
</tbody>
</table>

Didn't buy plan because got health insurance from other source

| 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>
<th>Final Documentation Name: AINDNOT5</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Why did you not buy the plan?</strong></td>
<td><strong>...Other reason</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Universe:</strong></td>
<td>ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='2'</td>
<td></td>
</tr>
<tr>
<td><strong>Description:</strong></td>
<td>Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years</td>
<td></td>
</tr>
<tr>
<td><strong>Sources:</strong></td>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>Recodes:</strong></td>
<td>None</td>
<td></td>
</tr>
<tr>
<td><strong>Keywords:</strong></td>
<td>access; source; health insurance; health care coverage; health plan</td>
<td></td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>2011 Supplement question</td>
<td></td>
</tr>
</tbody>
</table>

Other reason didn't buy plan

| 1 | Mentioned |
| 2 | Not mentioned |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
The next question is about the test for HIV (the virus that causes AIDS).

Except for tests you may have had as part of blood donations, have you ever been tested for HIV?

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

Sources: None
Recodes: None
Keywords: access; source; AIDS test; HIV test; blood test
Notes: 2011 permanent variable. In 2010, this variable was located in the AIDS Knowledge & Attitudes Section (ADS) on the Sample Adult file. The question text and response codes have remained the same as in the 2010 final file, however, the section name, variable name, and question number have changed from HIVTST (ADS.040_00.000) to HIVTST1 (AAU.700_00.000).

Ever been tested for HIV

<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>
### 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>0170</td>
<td>01</td>
<td>Crop production</td>
</tr>
<tr>
<td>0180</td>
<td>02</td>
<td>Animal production</td>
</tr>
<tr>
<td>0190, 0270</td>
<td>03</td>
<td>Forestry and logging</td>
</tr>
<tr>
<td>0280</td>
<td>04</td>
<td>Fishing, hunting, and trapping</td>
</tr>
<tr>
<td>0290</td>
<td>05</td>
<td>Support activities for agriculture and forestry</td>
</tr>
<tr>
<td>0370</td>
<td>06</td>
<td>Oil and gas extraction</td>
</tr>
<tr>
<td>0380, 0390, 0470, 0480</td>
<td>07</td>
<td>Mining (except oil and gas)</td>
</tr>
<tr>
<td>0490</td>
<td>08</td>
<td>Support activities for mining</td>
</tr>
<tr>
<td>0570, 0580, 0590, 0670, 0680, 0690</td>
<td>09</td>
<td></td>
</tr>
<tr>
<td>0770</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1070, 1080, 1090, 1170, 1180, 1190, 1270, 1280, 1370, 1390</td>
<td>11</td>
<td>Manufacturing Industries</td>
</tr>
<tr>
<td>1470, 1480, 1490</td>
<td>12</td>
<td>Beverage and tobacco product manufacturing</td>
</tr>
<tr>
<td>1570, 1590, 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>
<tr>
<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>
</tr>
<tr>
<td>2670, 2680, 2690, 2770, 2780, 2990</td>
<td>23</td>
<td>Nonmetallic mineral product manufacturing</td>
</tr>
<tr>
<td>2790, 2870, 2880, 2890, 2970, 2980</td>
<td>24</td>
<td>Primary metal manufacturing</td>
</tr>
<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>4070, 4080, 4090, 4170, 4180, 4190, 4260, 4270, 4280, 4290</td>
<td>31</td>
<td>Miscellaneous manufacturing</td>
</tr>
<tr>
<td>4370, 4380, 4390, 4470, 4480, 4490, 4580, 4570, 4560, 4585</td>
<td>32</td>
<td>Wholesale Trade Industries</td>
</tr>
<tr>
<td>4590</td>
<td>33</td>
<td>Merchant wholesalers, durable goods</td>
</tr>
<tr>
<td>4670, 4680, 4690</td>
<td>34</td>
<td>Merchant wholesalers, nondurable goods</td>
</tr>
<tr>
<td>4770</td>
<td>35</td>
<td>Non-specialized wholesale trade</td>
</tr>
<tr>
<td>4780, 4790</td>
<td>36</td>
<td>Retail Trade Industries</td>
</tr>
<tr>
<td>4870, 4880, 4890</td>
<td>37</td>
<td>Motor vehicle and parts dealers</td>
</tr>
<tr>
<td>4970, 4980, 4990</td>
<td>38</td>
<td>Furniture and home furnishings stores</td>
</tr>
<tr>
<td>5070, 5080</td>
<td>39</td>
<td>Electronics and appliance stores</td>
</tr>
<tr>
<td>5590</td>
<td>40</td>
<td>Building material and garden equipment and supplies dealers</td>
</tr>
<tr>
<td>5170, 5180, 5190</td>
<td>41</td>
<td>Food and beverage stores</td>
</tr>
<tr>
<td>5270, 5280, 5290, 5370</td>
<td>42</td>
<td>Health and personal care stores</td>
</tr>
<tr>
<td>5380, 5390</td>
<td>43</td>
<td>Gasoline stations</td>
</tr>
<tr>
<td>5470, 5480, 5490, 5570, 5580</td>
<td>44</td>
<td>Clothing and clothing accessories stores</td>
</tr>
<tr>
<td>5590, 5591, 5592, 5670, 5680, 5690, 5790</td>
<td>45</td>
<td>Sporting goods, camera, hobby, book and music stores</td>
</tr>
<tr>
<td>6070, 6080, 6090, 6170, 6180, 6190, 6270, 6280, 6370, 6380</td>
<td>46</td>
<td>General merchandise stores</td>
</tr>
<tr>
<td>6390</td>
<td>47</td>
<td>Miscellaneous store retailers</td>
</tr>
<tr>
<td>6470, 6480, 6490</td>
<td>48</td>
<td>Nonstore retailers and non-specialized retail trade</td>
</tr>
<tr>
<td>6570, 6580</td>
<td>49</td>
<td>Transportation and Warehousing Industries</td>
</tr>
<tr>
<td>6670, 6680, 6690</td>
<td>50</td>
<td>Transportation (including support activities for transportation)</td>
</tr>
<tr>
<td>6770, 6672, 6695, 6780</td>
<td>51</td>
<td>Postal service, couriers, and messengers</td>
</tr>
<tr>
<td>6870</td>
<td>52</td>
<td>Warehousing and storage</td>
</tr>
<tr>
<td>6880, 6890</td>
<td>53</td>
<td>Information Industries</td>
</tr>
<tr>
<td>6970, 6980</td>
<td>54</td>
<td>Publishing industries (except internet)</td>
</tr>
<tr>
<td>6990</td>
<td>55</td>
<td>Motion picture and sound recording industries</td>
</tr>
<tr>
<td>7070</td>
<td>56</td>
<td>Broadcasting and telecommunication services</td>
</tr>
<tr>
<td>7080, 7170, 7180</td>
<td>57</td>
<td>Information services and data processing</td>
</tr>
<tr>
<td>7190</td>
<td>58</td>
<td>Finance and Insurance Industries</td>
</tr>
<tr>
<td>7270, 7280, 7290, 7370, 7380, 7390, 7460, 7470, 7480, 7490</td>
<td>59</td>
<td>Monetary authorities -- central bank</td>
</tr>
<tr>
<td>59</td>
<td>60</td>
<td>Credit intermediation and related activities</td>
</tr>
<tr>
<td>60</td>
<td>61</td>
<td>Securities, commodity contracts, and other financial investments and related activities</td>
</tr>
<tr>
<td>61</td>
<td>62</td>
<td>Insurance carriers and related activities</td>
</tr>
<tr>
<td>62</td>
<td>63</td>
<td>Real Estate and Rental and Leasing Industries</td>
</tr>
<tr>
<td>63</td>
<td>64</td>
<td>Real estate</td>
</tr>
<tr>
<td>64</td>
<td>65</td>
<td>Rental and leasing services</td>
</tr>
<tr>
<td>65</td>
<td>66</td>
<td>Lessors of nonfinancial intangible assets (except copyrighted works)</td>
</tr>
<tr>
<td>66</td>
<td>67</td>
<td>Professional, Scientific, and Technical Services Industries</td>
</tr>
<tr>
<td>Code</td>
<td>Industry Description</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>7570</td>
<td>Management of Companies and Enterprises Industries</td>
<td></td>
</tr>
<tr>
<td>7580</td>
<td>Administrative and Support and Waste Management and Remediation Services Industries</td>
<td></td>
</tr>
<tr>
<td>7590</td>
<td>Education Services Industries</td>
<td></td>
</tr>
<tr>
<td>7670</td>
<td>Health Care and Social Assistance Industries</td>
<td></td>
</tr>
<tr>
<td>7680</td>
<td>Ambulatory health care services</td>
<td></td>
</tr>
<tr>
<td>7690</td>
<td>Hospitals</td>
<td></td>
</tr>
<tr>
<td>7770</td>
<td>Nursing and residential care facilities</td>
<td></td>
</tr>
<tr>
<td>7780</td>
<td>Social assistance</td>
<td></td>
</tr>
<tr>
<td>7790</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8190</td>
<td>Arts, Entertainment, and Recreation Industries</td>
<td></td>
</tr>
<tr>
<td>8270</td>
<td>Performing arts, spectator sports, and related industries</td>
<td></td>
</tr>
<tr>
<td>8290</td>
<td>Museums, historical sites, and similar institutions</td>
<td></td>
</tr>
<tr>
<td>8370</td>
<td>Amusement, gambling, and recreation industries</td>
<td></td>
</tr>
<tr>
<td>8380</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8390</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8470</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8560</td>
<td>Accommodation and Food Services Industries</td>
<td></td>
</tr>
<tr>
<td>8570</td>
<td>Accommodation</td>
<td></td>
</tr>
<tr>
<td>8590</td>
<td>Food services and drinking places</td>
<td></td>
</tr>
<tr>
<td>8660</td>
<td>Other Services (except Public Administration) Industries</td>
<td></td>
</tr>
<tr>
<td>8670</td>
<td>Personal services (barber shops, beauty salons, nail salons, laundry, funeral homes and cemeteries)</td>
<td></td>
</tr>
<tr>
<td>8680</td>
<td>Religious, grantmaking, civic, labor, professional, and similar organizations</td>
<td></td>
</tr>
<tr>
<td>8690</td>
<td>Private households</td>
<td></td>
</tr>
<tr>
<td>8770</td>
<td>Public Administration Industries</td>
<td></td>
</tr>
<tr>
<td>8780</td>
<td>Refused, classified</td>
<td></td>
</tr>
<tr>
<td>8790</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>8970</td>
<td>Don't know</td>
<td></td>
</tr>
<tr>
<td>9160</td>
<td>&lt;Blank: Not in Universe&gt;</td>
<td></td>
</tr>
</tbody>
</table>
### 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>Input</td>
<td>Output</td>
<td>Values</td>
</tr>
<tr>
<td>Response Values</td>
<td>Response Values</td>
<td>Response Labels</td>
</tr>
</tbody>
</table>

| 0170, 0180, 0190, 0270, 0280, 0290 | 01 | Agriculture, Forestry, Fishing, and Hunting Industries |
| 0370, 0380, 0390, 0470, 0480, 0490 | 02 | Mining Industries |
| 0570, 0580, 0590, 0670, 0680, 0690 | 03 | Utilities Industries |
| 0770 | 04 | Construction Industries |
| 1070, 1080, 1090, 1170, 1180, 1190, 1270, 1280, 1290, 1370, 1390, 1470, 1480, 1490, 1570, 1590, 1680, 1690, 1770, 1790, 3770, 3780, 3790, 3870, 1870, 1880, 1890, 1950, 2070, 2090, 2170, 2180, 2190, 2270, 2280, 2290, 2370, 2380, 2390, 2470, 2480, 2490, 2570, 2590, 2670, 2680, 2690, 2770, 2780, 2990, 2790, 2870, 2880, 2890, 2970, 2980, 3070, 3080, 3090, 3170, 3180, 3190, 3290, 3360, 3370, 3380, 3390, 3470, 3480, 3490, 3570, 3580, 3590, 3670, 3680, 3690, 3960, 3970, 3980, 3990, 4070, 4080, 4090, 4170, 4180, 4190, 4260, 4270, 4280, 4290, 4370, 4380, 4390, 4470, 4480, 4490, 4560, 4570, 4580, 4585, 4590, 4670, 4680, 4690, 4770, 4780, 4790, 4870, 4880, 4890, 4970, 4980, 4990, 5070, 5080, 5090, 5170, 5180, 5190, 5270, 5280, 5290, 5370, 5380, 5390, 5470, 5480, 5490, 5570, 5580, 5590, 5591, 5592, 5670, 5680, 5690, 5790, 6070, 6080, 6090, 6170, 6180, 6190, 6270, 6280, 6290, 6370, 6380, 6390, 6470, 6480, 6490, 6570, 6590, 6670, 6672, 6680, 6690, 6695, 6770, 6780, 6870, 6880, 6890, 6970, 6990, 7070, 7080, 7170, 7180, 7190, 7270, 7280, 7290, 7370, 7380, 7390, 7460, 7470, 7480, 7490, 7570, 7580, 7590, 7670, 7680, 7970, 7770, 7780, 7790, 7860, 7870, 7880, 7890, 7970, 7980, 7990, 8070, 8080, 8090, 8170, 8180, 8190, 8270, 8290, 8370, 8380, 8390, 8470, 8560, 8570, 8580, 8590, 8660, 8670, 8680, 8690, 8770, 8780, 8790, 8870, 8880, 8890, 8970, 8980, 8990, 9070, 9080, 9090, 9160, 9170, 9180, 9190, 9290, 9370, 9380, 9390, 9470, 9480, 9490, 9570, 9590, 9670, 9680, 9690, 9770, 9780, 9790, 9870, 9890, 9997, 9998 and all other codes not listed, 9999 | 06 | Wholesale Trade Industries |
| 07 | Retail Trade Industries |
| 08 | Transportation and Warehousing Industries |
| 09 | Information Industries |
| 10 | Finance and Insurance Industries |
| 11 | Real Estate and Rental and Leasing Industries |
| 12 | Professional, Scientific, and Technical Services Industries |
| 13 | Management of Companies and Enterprises Industries |
| 14 | Administrative and Support and Waste Management and Remediation Services Industries |
| 15 | Education Services Industries |
| 16 | Health Care and Social Assistance Industries |
| 17 | Arts, Entertainment, and Recreation Industries |
| 18 | Accommodation and Food Services Industries |
| 19 | Other Services (except Public Administration) Industries |
| 20 | Public Administration Industries |
| 21 | Armed Forces |
| 97 | Refused, classified |
| 98 | Not ascertained |
| 99 | Don't know |
| **<Blank: Not in Universe>** |

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)
<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input</td>
<td>Output</td>
<td>Output</td>
</tr>
<tr>
<td>Values</td>
<td>Response</td>
<td>Values</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Labels</td>
</tr>
</tbody>
</table>

**Management Occupations**
- 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

**Business and Financial Operations Occupations**
- 05: Business operations specialists
- 06: Financial specialists

**Computer and Mathematical Occupations**
- 07: Computer specialists

**Architecture and Engineering Occupations**
- 08: Architects, surveyors, and cartographers
- 09: Engineers
- 10: Drafters, engineering, and mapping technicians

**Life, Physical, and Social Science Occupations**
- 11: Life scientists
- 12: Physical scientists
- 13: Social scientists and related workers
- 14: Life, physical, and social science technicians

**Community and Social Services Occupations**
- 15: Counselors, social workers, and other community and social service specialists
- 16: Religious workers

**Legal Occupations**
- 17: Lawyers, judges, and related workers
- 18: Legal support workers

**Education, Training, and Library Occupations**
- 19: Postsecondary teachers
- 20: Primary, secondary, and special education school teachers
- 21: Other teachers and instructors
- 22: Librarians, curators, and archivists
- 23: Other education, training, and library occupations

**Arts, Design, Entertainment, Sports, and Media Occupations**
- 24: Art and design workers
- 25: Entertainers and performers, sports and related workers
- 26: Media and communication workers
- 27: Media and communication equipment workers

**Healthcare Practitioners and Technical Occupations**
- 28: Health diagnosing and treating practitioners
- 29: Health technologists and technicians
- 30: Other healthcare practitioners and technical occupations

**Healthcare Support Occupations**
- 31: Nursing, psychiatric, and home health aides
- 32: Occupational and physical therapist assistants and aides
- 33: Other healthcare support occupations

**Protective Service Occupations**
- 34: First-line supervisors/managers, protective service workers
- 35: Fire fighting and prevention workers
- 36: Law enforcement workers
- 37: Other protective service workers

**Food Preparation and Serving Related Occupations**
- 38: Cooks and food preparation workers
- 39: Food and beverage serving workers
- 40: Other food preparation and serving related workers

**Building and Grounds Cleaning and Maintenance Occupations**
- 41: Supervisors, building and grounds cleaning and maintenance workers
- 42: Building cleaning and pest control workers
- 43: Grounds maintenance workers
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4300, 4320</td>
<td>Supervisors, personal care and service workers</td>
</tr>
<tr>
<td>4340, 4350</td>
<td>Animal care and service workers</td>
</tr>
<tr>
<td>4400, 4410, 4420, 4430</td>
<td>Entertainment attendants and related workers</td>
</tr>
<tr>
<td>4460, 4465</td>
<td>Funeral service workers</td>
</tr>
<tr>
<td>4500, 4510, 4520</td>
<td>Personal appearance workers</td>
</tr>
<tr>
<td>4530, 4540</td>
<td>Transportation, tourism, and lodging attendants</td>
</tr>
<tr>
<td>4600, 4610, 4620, 4640, 4650</td>
<td>Other personal care and service workers</td>
</tr>
<tr>
<td>4700, 4710</td>
<td>Supervisors, sales workers</td>
</tr>
<tr>
<td>4720, 4740, 4750, 4760</td>
<td>Retail sales workers</td>
</tr>
<tr>
<td>4800, 4810, 4820, 4830, 4840</td>
<td>Sales representatives, services</td>
</tr>
<tr>
<td>4850</td>
<td>Sales representatives, wholesale and manufacturing</td>
</tr>
<tr>
<td>4900, 4920, 4930, 4940, 4950, 4965</td>
<td>Other sales and related workers</td>
</tr>
<tr>
<td>5000</td>
<td>Supervisors, office and administrative support workers</td>
</tr>
<tr>
<td>5010, 5020, 5030</td>
<td>Communications equipment operators</td>
</tr>
<tr>
<td>5100, 5110, 5120, 5130, 5140, 5150, 5160, 5165</td>
<td>Financial clerks</td>
</tr>
<tr>
<td>5200, 5210, 5220, 5230, 5240, 5250, 5260, 5300, 5310, 5320, 5330, 5340, 5350, 5360, 5400, 5410, 5420</td>
<td>Information and record clerks</td>
</tr>
<tr>
<td>5500, 5510, 5520, 5530, 5540, 5550, 5560, 5600, 5610, 5620, 5630, 5640, 5650, 5660, 5670, 5680, 5690, 5700, 5710</td>
<td>Material recording, scheduling, dispatching, and distributing workers</td>
</tr>
<tr>
<td>5800, 5810, 5820, 5830, 5840, 5850, 5860, 5900, 5910, 5920, 5940, 5950, 5960, 5970, 5980, 5990</td>
<td>Other secretaries and administrative assistants</td>
</tr>
<tr>
<td>6005</td>
<td>Supervisors, farming, fishing, and forestry workers</td>
</tr>
<tr>
<td>6010, 6020, 6040, 6050</td>
<td>Agricultural workers</td>
</tr>
<tr>
<td>6100, 6110</td>
<td>Fishing and hunting workers</td>
</tr>
<tr>
<td>6120, 6130</td>
<td>Forest, conservation, and logging workers</td>
</tr>
<tr>
<td>6200</td>
<td>Supervisors, construction and extraction workers</td>
</tr>
</tbody>
</table>
| 6210, 6220, 6230, 6240, 6250, 6260, 6300, 6310, 6320, 6330, 6355, 6360, 6400, 6420, 6430, 6440, 6460, 6500, 6515, 6520, 6530, 6540, 6600, 6620, 6670, 6690, 6704, 6710, 6720, 6730, 6740, 6750, 6765, 6800, 6820, 6830, 6840, 6910, 6920, 6930, 6940, 7000, 7010, 7020, 7030, 7040, 7050, 7100, 7110, 7120, 7130, 7140, 7150, 7160, 7200, 7210, 7220, 7240, 7260, 7300, 7315, 7320, 7330, 7340, 7350, 7360, 7400, 7410, 7420, 7430, 7440, 7510, 7520, 7540, 7550, 7560, 7600, 7610, 7630, 7700, 7710, 7720, 7730, 7740, 7750, 7800, 7810, 7830, 7840, 7850, 7855, 7900, 7920, 7930, 7940, 7950, 7960, 8000, 8010, 8020, 8030, 8040, 8060, 8100, 8120, 8130, 8140, 8150, 8160, 8200, 8210, 8220, 8250, 8255, 8256, 8300, 8310, 8320, 8330, 8340, 8350, 8360, 8400, 8410, 8420, 8430, 8440, 8450, 8460, 8500, 8510, 8520, 8530, 8540, 8550, 8600, 8610, 8620, 8630, 8640, 8650, 8710, 8720, 8730, 8740, 8750, 8760, 8800, 8810, 8830, 8840, 8850, 8860, 8900, 8910, 8920, 8930, 8940, 8950, 8965, 9000, 9030, 9040, 9050, 9110, 9120, 9130, 9140, 9150, 9200, 9230, 9240, 9260, 9300, 9310, 9330, 9340, 9350, 9360, 9410, 9415, 9420, 9500, 9510, 9520, 9560, 9600, 9610, 9620, 9630, 9640, 9650, 9720, 9730, 9740, 9750, 9800, 9810, 9820, 9830, 9840, 9997, 9998 and all other codes not listed | 9998 | Don't know <Blank: Not in Universe>
<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input</td>
<td>Output</td>
<td>Response</td>
</tr>
<tr>
<td>Values</td>
<td>Response</td>
<td>Values</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Labels</td>
</tr>
<tr>
<td>0010, 0020, 0030, 0040, 0050, 0060, 0100, 0110, 0120, 0135, 0136, 0137, 0140, 0141, 0150, 0160, 0205, 0220, 0230, 0300, 0310, 0325, 0330, 0340, 0350, 0360, 0400, 0410, 0420, 0425, 0430</td>
<td>01</td>
<td>Management Occupations</td>
</tr>
<tr>
<td>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</td>
<td>02</td>
<td>Business and Financial Operations Occupations</td>
</tr>
<tr>
<td>1005, 1006, 1007, 1010, 1020, 1030, 1050, 1060, 1105, 1106, 1107, 1200, 1220, 1230, 1240</td>
<td>03</td>
<td>Computer and Mathematical Occupations</td>
</tr>
<tr>
<td>1300, 1310, 1320, 1330, 1340, 1350, 1360, 1400, 1410, 1420, 1430, 1440, 1450, 1460, 1500, 1510, 1520, 1530, 1540, 1550, 1560</td>
<td>04</td>
<td>Architecture and Engineering Occupations</td>
</tr>
<tr>
<td>1600, 1610, 1640, 1650, 1660, 1700, 1710, 1720, 1740, 1760, 1800, 1815, 1820, 1830, 1840, 1860, 1900, 1910, 1920, 1930, 1940, 1950, 1965</td>
<td>05</td>
<td>Life, Physical, and Social Science Occupations</td>
</tr>
<tr>
<td>2000, 2010, 2015, 2016, 2025, 2040, 2050, 2060, 2100, 2105, 2110, 2145, 2160, 2200, 2300, 2310, 2320, 2330, 2340, 2400, 2430, 2440, 2540, 2560</td>
<td>06</td>
<td>Community and Social Services Occupations</td>
</tr>
<tr>
<td>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, 3256, 3257, 3258, 3260, 3300, 3310, 3320, 3400, 3420, 3510, 3520, 3535, 3540</td>
<td>07</td>
<td>Legal Occupations</td>
</tr>
<tr>
<td>3600, 3610, 3620, 3630, 3640, 3645, 3646, 3647, 3648, 3649, 3655</td>
<td>08</td>
<td>Education, Training, and Library Occupations</td>
</tr>
<tr>
<td>3700, 3710, 3720, 3730, 3740, 3750, 3800, 3820, 3830, 3840, 3850, 3860, 3900, 3910, 3900, 3930, 3940, 3945, 3955</td>
<td>09</td>
<td>Arts, Design, Entertainment, Sports and Media Occupations</td>
</tr>
<tr>
<td>4000, 4010, 4020, 4030, 4040, 4050, 4060, 4110, 4120, 4130, 4140, 4150, 4160</td>
<td>10</td>
<td>Healthcare Practitioners and Technical Occupations</td>
</tr>
<tr>
<td>4200, 4210, 4220, 4230, 4240, 4250</td>
<td>11</td>
<td>Healthcare Support Occupations</td>
</tr>
<tr>
<td>4300, 4320, 4340, 4350, 4400, 4410, 4420, 4430, 4460, 4465, 4500, 4510, 4520, 4530, 4540, 4600, 4610, 4620, 4640, 4650</td>
<td>12</td>
<td>Protective Service Occupations</td>
</tr>
<tr>
<td>4700, 4710, 4720, 4740, 4750, 4760, 4800, 4810, 4820, 4830, 4840, 4850, 4900, 4920, 4930, 4940, 4950, 4965</td>
<td>13</td>
<td>Food Preparation and Serving Related Occupations</td>
</tr>
<tr>
<td>5000, 5010, 5020, 5030, 5100, 5110, 5120, 5130, 5140, 5150, 5160, 5165, 5200, 5210, 5220, 5230, 5240, 5250, 5260, 5300, 5310, 5320, 5330, 5340, 5350, 5360, 5400, 5410, 5420, 5500, 5510, 5520, 5530, 5540, 5550, 5560, 5600, 5610, 5620, 5630, 5700, 5800, 5810, 5820, 5830, 5840, 5850, 5860, 5900, 5910, 5920, 5940</td>
<td>14</td>
<td>Building and Grounds Cleaning and Maintenance Occupations</td>
</tr>
<tr>
<td>6005, 6010, 6020, 6040, 6050, 6100, 6110, 6120, 6130</td>
<td>15</td>
<td>Personal Care and Service Occupations</td>
</tr>
<tr>
<td>6200, 6210, 6220, 6230, 6240, 6250, 6260, 6300, 6310, 6320, 6330, 6355, 6360, 6400, 6420, 6430, 6440, 6460, 6500, 6515, 6520, 6530, 6540, 6600, 6660, 6700, 6710, 6720, 6730, 6740, 6750, 6765, 6800, 6820, 6830, 6840, 6910, 6920, 6930, 6940, 7000, 7010, 7020, 7030, 7040, 7050, 7100, 7110, 7120, 7130, 7140, 7150, 7160, 7200, 7210, 7220, 7240, 7260, 7300, 7315, 7320, 7330, 7340, 7350, 7360, 7410, 7420, 7430, 7440, 7510, 7520, 7540, 7550, 7560, 7600, 7610, 7630</td>
<td>16</td>
<td>Sales and Related Occupations</td>
</tr>
<tr>
<td>7630</td>
<td>17</td>
<td>Office and Administrative Support Occupations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>18</td>
</tr>
<tr>
<td></td>
<td></td>
<td>19</td>
</tr>
<tr>
<td></td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Code Range</td>
<td>Occupation Description</td>
<td></td>
</tr>
<tr>
<td>--------------------------------</td>
<td>-----------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>7700, 7710, 7720, 7730, 7740, 7750, 7800, 7810, 7830, 7840, 7850, 7855, 7900, 7920, 7930, 7940, 7950, 7960, 8000, 8010, 8020, 8030, 8040, 8060, 8100, 8120, 8130, 8140, 8150, 8160, 8200, 8210, 8220, 8250, 8255, 8256, 8300, 8310, 8320, 8330, 8340, 8350, 8360, 8400, 8410, 8420, 8430, 8440, 8450, 8460, 8500, 8510, 8520, 8530, 8540, 8550, 8600, 8610, 8620, 8630, 8640, 8650, 8710, 8720, 8730, 8740, 8750, 8760, 8800, 8810, 8830, 8840, 8850, 8860, 8900, 8910, 8920, 8930, 8940, 8950, 8965</td>
<td>Production Occupations</td>
<td></td>
</tr>
<tr>
<td>9000, 9030, 9040, 9050, 9110, 9120, 9130, 9140, 9150, 9200, 9230, 9240, 9260, 9300, 9310, 9330, 9340, 9350, 9360, 9410, 9415, 9420, 9500, 9510, 9520, 9560, 9600, 9610, 9620, 9630, 9640, 9650, 9720, 9730, 9740, 9750</td>
<td>Transportation and Material Moving Occupations</td>
<td></td>
</tr>
<tr>
<td>9800, 9810, 9820, 9830, 9840</td>
<td>Military Specific Occupations</td>
<td></td>
</tr>
<tr>
<td>997, 9997 and all other codes not listed</td>
<td>Refused, classified</td>
<td></td>
</tr>
<tr>
<td>9999</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>&lt;Blank: Not in Universe&gt;</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>

Note: OCCUPN1's 94 distinct categories and OCCUPN2's 23 categories are derived from the 2000 New SOC Occupation Subgroups and Major Occupation Groups, respectively, as determined by the U.S. Census Bureau and the Bureau of Labor Statistics. For additional supplemental information on these Occupation Groups and Subgroups, please see [ftp/ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/SOC_Major_Groups.pdf](ftp/ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/SOC_Major_Groups.pdf)