2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Identification Fields
PUBLIC USE
Document Version Date: 18-Jun-18

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

Record Type

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

File type identifier

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

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

Survey Year

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

Year of National Health Interview Survey

Year Survey Year
### Household Number

**Universe:** All households  
**Description:** All households  
**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:** All households  
**Sources:** None  
**Recodes:** None  
**Keywords:** None  
**Notes:** None

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


### Question ID: IDN.000_30.000

**Interview Month**

<table>
<thead>
<tr>
<th>Month</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>January</td>
</tr>
<tr>
<td>02</td>
<td>February</td>
</tr>
<tr>
<td>03</td>
<td>March</td>
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<td>04</td>
<td>April</td>
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<td>05</td>
<td>May</td>
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<tr>
<td>06</td>
<td>June</td>
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<tr>
<td>07</td>
<td>July</td>
</tr>
<tr>
<td>08</td>
<td>August</td>
</tr>
<tr>
<td>09</td>
<td>September</td>
</tr>
<tr>
<td>10</td>
<td>October</td>
</tr>
<tr>
<td>11</td>
<td>November</td>
</tr>
<tr>
<td>12</td>
<td>December</td>
</tr>
</tbody>
</table>

**Question ID: IDN.000_35.000**

**Family Number**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-25</td>
<td>Family number 1 - 25</td>
</tr>
</tbody>
</table>
### 2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Identification Fields
PUBLIC USE
Document Version Date: 18-Jun-18

#### 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:**

| Sources: None | Recodes: None | Keywords: None |

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

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

Instrument Variable Name: WTFA_SA

Universe:

Description:

Sources: None

Recodes: None

Keywords: None

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

Weight - Final Annual

Question ID: UCF.000_00.000 R09 RECODE

Instrument Variable Name: REGION

Universe: ALL

Description: All records

Sources: None

Recodes: None

Keywords: united states; region

Notes: Data from Unit Control File (CENREG).

Region

1 Northeast
2 Midwest
3 South
4 West
Question ID: UCF.000_00.000  R15  RECODE
Instrument Variable Name:
Final Documentation Name: PSTRAT

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

100-151

Question ID: UCF.000_00.000  R16  RECODE
Instrument Variable Name:
Final Documentation Name: PPSU

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

001-164 (with some gaps)
[Are/Is] [you/person] male or female?

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

Question ID: HHC.110_00.000
Instrument Variable Name: SEX
Final Documentation Name: SEX

Sex

1  Male
2  Female
Question ID: HHC.180_00.000  R03 RECODE  Instrument Variable Name:
Final Documentation Name: HISPAN_I

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>Number</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.

<table>
<thead>
<tr>
<th>OMB groups w/multiple race</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>White only</td>
</tr>
<tr>
<td>02</td>
<td>Black/African American only</td>
</tr>
<tr>
<td>03</td>
<td>AIAN only</td>
</tr>
<tr>
<td>04</td>
<td>Asian only</td>
</tr>
<tr>
<td>05</td>
<td>Race group not releasable*</td>
</tr>
<tr>
<td>06</td>
<td>Multiple race</td>
</tr>
</tbody>
</table>
Question ID: HHC.200_01.000

R21 RECODE

Instrument Variable Name:

Final Documentation Name: MRACRPI2

Recode

Universe: AGE = All

Description: All persons

Sources: HHC.200; HHC.220

Recodes: None

Keywords: race; old OMB race standards

Notes: This variable identifies the primary or main race reported by the respondent. Data came from HHC.200 and HHC.220. "Other Race" and "Unspecified Multiple race" are no longer available as separate race responses. These response categories are treated as missing, and the race is imputed if these are the only race responses. If only one valid race was given, that answer was copied from RACE1 to here. If more than one race was given, the response was copied from MLTRAC (HHC.220). *Other Asian - this category includes Korean, Vietnamese, Japanese, and other Asian subgroups. ** Data not releasable due to respondent confidentiality or for other reasons.

Race coded to single/multiple race group

01 White
02 Black/African American
03 Indian (American), Alaska Native
09 Asian Indian
10 Chinese
11 Filipino
15 Other Asian*
16 Primary race not releasable**
17 Multiple race, no primary race selected
**Question ID:** HHC.200_01.000  
**Instrument Variable Name:** R22 RECODE  
**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 MRACRP12 in 2003 and beyond). Data came from HHC.200 and HHC.220. If only one valid race was given, that answer was copied from RACE1 to here. If more than one race was given, the response was copied from MLTRAC (HHC.220). When comparing NHIS health measures across years by detailed race categories, MRACBPI2 should be used. For confidentiality reasons, it is not possible to create a bridge for the API (Asian and Pacific Islander) category. * Other race is included here for bridging purposes.

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

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

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

- 00 Under 1 year  
- 01-84 1-84 years  
- 85 85+ years
[Are/Is] [you/person] now married, widowed, divorced, separated, never married, or living with a partner?

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

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

Marital Status

0 Under 14 years
1 Married - spouse in household
2 Married - spouse not in household
3 Married - spouse in household unknown
4 Widowed
5 Divorced
6 Separated
7 Never married
8 Living with partner
9 Unknown marital status

Sample adult is parent to 1+ minor child(ren) in the family

1 Yes, the Sample Adult is a parent of a child residing in the family
2 There are minor children residing in the family but the Sample Adult is not their parent
3 There are no minor children residing in the family
9 Unknown
Question ID: AID.005_000.000  Instrument Variable Name: SADULT
Final Documentation Name: PROXYSA

* The sample adult person is [fill: ALIAS of Sample Adult]. The next questions must be answered by this person. Probe as necessary to determine the availability of [fill: ALIAS of Sample Adult].

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

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

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

Question ID: AID.010_000.000  Instrument Variable Name: PROX1
Final Documentation Name: PROXY1

* 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.

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

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 family was selected to receive the Family Disability (FDB; all persons 1 year and older) section. Sample adults in families with a value of 2 for FDRN_FLG were also selected to receive the AFD (Adult Functioning and Disability) section.

Disability Questions flag
1 Families selected to receive AFD (sample adults) section  
2 Families selected to receive FDB (all persons 1 year and older) section

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

01 Taking care of house or family
02 Going to school
03 Retired
04 On a planned vacation from work
05 On family or maternity leave
06 Temporarily unable to work for health reasons
07 Have job or contract and off-season
08 On layoff
09 Disabled
10 Other
97 Refused
98 Not ascertained
99 Don't know
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Socio-Demographic
PUBLIC USE
Document Version Date: 18-Jun-18

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

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

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

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

Sources: None
Recodes: None
Keywords: work; employment
Notes: Please see the Survey Description Document for more information.

Ever worked

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

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 2012 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 2012 Census codes

All Values See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels.
Question ID: ASD.080_00.000 R06 RECODE Instrument Variable Name: INDSTRN2

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

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

Sources: INDSTRYN; KINDIND
Recodes: None
Keywords: work; business; industry
Notes: This is the 2-digit simple industry recode based on the 2012 NAICS-informed codes obtained from Census. The universe for this variable includes all persons who had ever worked as well as those who are currently working. Please see the Survey Description Document for more information.

Simple industry classification based on 2012 Census codes
All Values See Industry Appendix at the end of the Sample Adult Documentation for response categories and labels.

Question ID: ASD.090_00.000 R05 RECODE Instrument Variable Name: OCCUPN1

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

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

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

Detailed occupation classification based on 2010 Census Codes
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  
**Final Documentation Name:** OCCUPN2

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

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

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

Simple occupation classification based on 2010 Census codes

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

**Question ID:** ASD.105_00.010  
**Instrument Variable Name:** SUPERVIS  
**Final Documentation Name:** SUPERVIS

**Did you supervise other employees as part of your job?**

**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 18+ 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:** supervise; supervisor  
**Notes:** This question was part of the 2015 Occupational Health Supplement, and is being continued in 2017.

Supervise other employees as part of job

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
Question ID: ASD.110_00.000

Instrument Variable Name: WRKCAT

Final Documentation Name: WRKCATA

FR: SHOW FLASHCARD A1. [If DOINGLWA eq <1,2,4>]: Looking at the card, which of these best describes your current job or work situation? [Else if EVERWRK eq <1> and [WHYNOWKA eq '03' or AGE ge '065']]: Looking at the card, which of these best describes the job you held for the longest time? [Else if EVERWRK eq <1> and WHYNOWKA 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 = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and WRKCATA = '5'

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

<table>
<thead>
<tr>
<th>Current job an incorporated business</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>
Thinking about
(Fill1: this MAIN job or business)
(Fill2: your last week at the job you held the longest)
(Fill3: your last week at the job you held most recently)

how many people (Fill4: work/Fill5: worked) at this location? Please include yourself.

* "People" includes both FULL- and PART-time employees.
* "Location" refers to the street address of the workplace.

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 GE 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: New variable for 2015. Users should combine categories '01' and '02' of LOCALL1B to make it comparable to LOCALL1A.

Number of employees at work

| 01 | 1 employee          |
| 02 | 2-9 employees       |
| 03 | 10-24 employees     |
| 04 | 25-49 employees     |
| 05 | 50-99 employees     |
| 06 | 100-249 employees   |
| 07 | 250-499 employees   |
| 08 | 500-999 employees   |
| 09 | 1000 employees or more |
| 97 | Refused            |
| 98 | Not ascertained    |
| 99 | Don't know         |
**Question ID:** ASD.140_02.000  
**Instrument Variable Name:** YRSWRKPA  

**Universe:**  
ASTATFLG = '1' and \( \text{AGE} \geq '018' \) and \( \text{AGE} \not\in ('997','999') \) and \( \text{DOINGLWA} \in ('1','2','4') \) or \( \text{EVERWRK} = '1' \)  

**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

**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>
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<th>Description</th>
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</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  

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

**Universe:**  
ASTATFLG = '1' and \( \text{AGE} \geq '018' \) and \( \text{AGE} \not\in ('997','999') \) and \( \text{DOINGLWA} \in ('1','2','4') \) or \( \text{EVERWRK} = '1' \) and \( \text{WHYNOWKA} \neq '03' \) and \( \text{AGE} < '065' \) and \( \text{AGE} \neq ' ' \)  

**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

**Notes:** None

### Current/most recent job also longest held job

<table>
<thead>
<tr>
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<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
[If DOINGLWA eq <1,2,4>]: Are you paid by the hour at this MAIN job or business? [Else if EVERWRK eq <1> and (WHYNOWKA eq '03' or AGE ge '065')]: Were you paid by the hour on the job you held the longest? [Else if EVERWRK eq <1> and (WHYNOWKA ne '03' and AGE lt '065')]: Were you paid by the hour on the job you held most recently?

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

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

Sources: None

Recodes: None

Keywords: work; job; hourly wage

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

Paid by the hour at current or most recent job

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
### Paid sick leave at current or most recent job

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

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

<table>
<thead>
<tr>
<th>Value</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
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<td>No</td>
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<tr>
<td>7</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Did you have a job or business at any time in the PAST 12 MONTHS?**

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

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

**Sources:** DOINGLWA, EVERWRK, WRKLYR2(i)

**Recodes:** None

**Keywords:** unemployed; employed

**Notes:** This variable was formerly located in the AHS section (where it was called WRKLYR3) and is comparable to earlier AHS versions. It has been in the ASD section since 2010.

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

---

**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

- 1 Yes
- 2 No
- 7 Refused
- 8 Not ascertained
- 9 Don't know
Question ID: ACN.020_00.000  Instrument Variable Name: HYPDIFV  Final Documentation Name: HYPDIFV

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

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

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

 Sources: None
 Recodes: None
 Keywords: circulatory disease; hypertension; high blood pressure
 Notes: None

Ever had hypertension on 2+ visits

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

Question ID: ACN.020_00.010  Instrument Variable Name: HYPYR  Final Documentation Name: HYPYR1

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

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

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

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

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

Had hypertension, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
About how long has it been since you had your blood pressure checked by a doctor, nurse, or other health professional?

* Enter '0' for Never.

*Enter '95' for 95 or more.

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

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** None

**Notes:** None

**Last time blood pressure checked by health professional (# units)**

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<thead>
<tr>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<td>01-94</td>
<td>1 to 94</td>
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<td>95</td>
<td>95 or more</td>
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<tr>
<td>97</td>
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</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
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</table>
Question ID: ACN.021_02.010  

Instrument Variable Name: HYBPCKTP  
Final Documentation Name: HYBPCKTP

2 of 2

* Enter time period for time since last blood pressure check.

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

Description: Sample adults 18+

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

Last time blood pressure checked by health professional (time units)

<p>| | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Day(s)</td>
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<tr>
<td>2</td>
<td>Week(s)</td>
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<td>3</td>
<td>Month(s)</td>
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<tr>
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<td>Year(s)</td>
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<tr>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
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</table>

Question ID: ACN.022_01.010  

Instrument Variable Name: HYBPLEV  
Final Documentation Name: HYBPLEV

At that time, were you told that your blood pressure was high, normal, or low?

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

Description: Sample adults 18+ who have had their blood pressure checked some days/weeks/months/years ago

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

Results of last blood pressure check

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<tbody>
<tr>
<td>1</td>
<td>Not told</td>
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<tr>
<td>2</td>
<td>High</td>
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<tr>
<td>3</td>
<td>Normal</td>
</tr>
<tr>
<td>4</td>
<td>Low</td>
</tr>
<tr>
<td>5</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>
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</table>
2017 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Conditions  
PUBLIC USE  
Document Version Date: 18-Jun-18  

**Question ID:** ACN.022_02.020  
Instrument Variable Name: HYPMDEV2  
Final Documentation Name: HYPMDEV2  

**Was any medicine EVER prescribed by a doctor for your high blood pressure?**  

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))and HYPEV='1'  
**Description:** Sample adults 18+ who have ever been told they had high blood pressure  

**Sources:** None  
**Recodes:** None  
**Keywords:** hypertension; high blood pressure; medication  
**Notes:** None  

Ever prescribed medicine for high blood pressure  

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

**Question ID:** ACN.022_03.030  
Instrument Variable Name: HYPMED2  
Final Documentation Name: HYPMED2  

**Are you NOW taking any medicine prescribed by a doctor for your high blood pressure?**  

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))and HYPMED2='1'  
**Description:** Sample adults 18+ who were ever prescribed medicine for high blood pressure  

**Sources:** None  
**Recodes:** None  
**Keywords:** hypertension; high blood pressure; medication  
**Notes:** None  

Now taking prescribed medicine for high blood pressure  

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
### Question ID: ACN.023_00.010

**Instrument Variable Name:** CHLEV  
**Final Documentation Name:** CHLEV

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

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

| Sources: None |
| Recodes: None |
| Keywords: cholesterol |
| Notes: None |

**Ever told you had high cholesterol**

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<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
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</tr>
<tr>
<td>7</td>
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<tr>
<td>8</td>
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<td>Don't know</td>
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</tbody>
</table>

### Question ID: ACN.023_00.020

**Instrument Variable Name:** CHLYR  
**Final Documentation Name:** CHLYR

**DURING THE PAST 12 MONTHS, have you had high cholesterol?**

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

| Sources: None |
| Recodes: None |
| Keywords: cholesterol |
| Notes: None |

**Had high cholesterol, past 12 months**

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<thead>
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<tbody>
<tr>
<td>1</td>
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<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
About how long has it been since you had your blood cholesterol checked by a doctor, nurse, or other health professional?

* Enter '0' for Never.

*Enter '95' for 95 or more.

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

Description: Sample adults 18+

How long since blood cholesterol checked by health professional (# units)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Never</td>
</tr>
<tr>
<td>01-94</td>
<td>1-94</td>
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<tr>
<td>95</td>
<td>95 or more</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
<td>Don't know</td>
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</table>
Question ID: ACN.023_02.010

Instrument Variable Name: CLCKTP

Final Documentation Name: CLCKTP

2 of 2

* Enter time period for time since last blood cholesterol check.

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: None

Notes: None

How long since blood cholesterol checked by health professional (time units)

0 Never
1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
5 Refused
6 Not ascertained
7 Don't know

Question ID: ACN.023_03.030

Instrument Variable Name: CHLMDEV2

Final Documentation Name: CHLMDEV2

Was any medication EVER prescribed by a doctor to help lower your cholesterol?

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

Description: Sample adults 18+ who have ever been told they had high cholesterol

Sources: None

Recodes: None

Keywords: cholesterol; medication

Notes: None

Ever prescribed medicine to lower cholesterol

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Are you NOW taking any medicine prescribed by a doctor to help lower your cholesterol?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CHLMDNW2='1'

**Description:** Sample adults 18+ who were ever prescribed medicine for high cholesterol

**Sources:** None

**Recodes:** None

**Keywords:** cholesterol; medication

**Notes:** None

Now taking prescribed medicine to lower cholesterol

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
**2017 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
**samadult : Adult Conditions**  
PUBLIC USE  
Document Version Date: 18-Jun-18

<table>
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<th>Question ID: ACN.031_04.000</th>
<th>Instrument Variable Name: HRTEV</th>
<th>Final Documentation Name: HRTEV</th>
</tr>
</thead>
</table>

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

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

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

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
circulatory disease; heart disease; heart rhythm disorders

**Notes:**  
None

**Ever been told you had a heart condition/disease**

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<tbody>
<tr>
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<td>2</td>
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<th>Instrument Variable Name: STREV</th>
<th>Final Documentation Name: STREV</th>
</tr>
</thead>
</table>

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

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

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

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
cerebrovascular disease; stroke; transient ischemic attack

**Notes:**  
None

**Ever been told you had a stroke**

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<td>1</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you EVER been told by a doctor or other health professional that you had...Emphysema?

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

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

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

---

Ever been told you had emphysema

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

---

Which of the following would you say are the symptoms that someone may be having a heart attack? I am going to read a list. Please say yes or no to each one.

...Pain or discomfort in the jaw, neck or back.

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

**Description:** Sample adults 18+

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

Jaw, neck, or back pain a symptom of heart attack

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
Which of the following would you say are the symptoms that someone may be having a heart attack?

...Feeling weak, lightheaded or faint.

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

Description: Sample adults 18+

Feeling weak, lightheaded, or faint a symptom of heart attack

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

Which of the following would you say are the symptoms that someone may be having a heart attack?

...Chest pain or discomfort.

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

Description: Sample adults 18+

Chest pain or discomfort a symptom of heart attack

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Which of the following would you say are the symptoms that someone may be having a heart attack?

...Pain or discomfort in the arms or shoulder.

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

Description: Sample adults 18+

<table>
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<tr>
<th>Sources: None</th>
<th>Recodes: None</th>
<th>Keywords: None</th>
<th>Notes: None</th>
</tr>
</thead>
</table>

Pain or discomfort in arms or shoulder a symptom of heart attack

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

Which of the following would you say are the symptoms that someone may be having a heart attack?

...Shortness of breath.

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

Description: Sample adults 18+

<table>
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<th>Recodes: None</th>
<th>Keywords: None</th>
<th>Notes: None</th>
</tr>
</thead>
</table>

Shortness of breath a symptom of heart attack

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
If you thought someone was having a heart attack, what is the BEST thing to do right away?

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

What is best thing to do if someone is having a heart attack
1 Advise them to drive to the hospital
2 Advise them to call their physician
3 Call 9-1-1 (or another emergency number)
4 Call spouse or family member
5 Other
6 Refused
7 Not ascertained
8 Don't know

Which of the following would you say are the symptoms that someone may be having a stroke? I am going to read a list. Please say yes or no to each one.

... Sudden numbness or weakness of face, arm, or leg, especially on one side.

Sudden numbness of face/arm/leg a symptom of having stroke
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
*Read if necessary:

Which of the following would you say are the symptoms that someone may be having a stroke?

... Sudden confusion or trouble speaking.

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

Description: Sample adults 18+

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

Sudden confusion or trouble speaking a symptom of having stroke

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

*Read if necessary:

Which of the following would you say are the symptoms that someone may be having a stroke?

... Sudden trouble seeing in one or both eyes.

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

Description: Sample adults 18+

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

Sudden trouble seeing in one/both eyes a symptom of having stroke

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Which of the following would you say are the symptoms that someone may be having a stroke?

... Sudden trouble walking, dizziness, or loss of balance.

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<td>1</td>
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<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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Which of the following would you say are the symptoms that someone may be having a stroke?

... Sudden severe headache with no known cause.

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<td>Not ascertained</td>
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<td>Don't know</td>
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(book) A4

If you thought someone was having a stroke, what is the BEST thing to do right away?

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

Description: Sample adults 18+

What is best thing to do if someone is having a stroke

1. Advise them to drive to the hospital
2. Advise them to call their physician
3. Call 9-1-1 (or another emergency number)
4. Call spouse or family member
5. Other
6. Refused
7. Not ascertained
8. Don't know

Question ID: ACN.033_06.060
Instrument Variable Name: ASTDO
Final Documentation Name: ASTDO

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

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

Description: Sample adults 18+

Ever been told you had COPD

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

Question ID: ACN.035_00.000
Instrument Variable Name: COPDEV
Final Documentation Name: COPDEV
Has a doctor or other health professional EVER told you to take a low-dose aspirin each day to prevent or control heart disease?

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

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

Description: Sample adults 40+

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

<table>
<thead>
<tr>
<th>Ever been told to take low-dose aspirin</th>
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Are you NOW following this advice?

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

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

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

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

<table>
<thead>
<tr>
<th>Following low-dose aspirin advice</th>
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</table>
Did a doctor or other health professional advise you to stop taking a low-dose aspirin every day?

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

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

Sources: None

Recodes: None

Keywords: low-dose aspirin; heart aspirin

Notes: None

Advised to stop taking low-dose aspirin

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</table>

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

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

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

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

Sources: None

Recodes: None

Keywords: low-dose aspirin; heart disease

Notes: None

Taking low-dose aspirin on own

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2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 18-Jun-18

Question ID: ACN.080_00.000
Instrument Variable Name: AASMEV
Final Documentation Name: AASMEV

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

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

Do you still have asthma?

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

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</table>
**Question ID:** ACN.090_00.000 
**Instrument Variable Name:** AASMRYR 
**Final Documentation Name:** AASMRYR

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

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

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

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

<table>
<thead>
<tr>
<th>Had an asthma episode/attack past 12 m</th>
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**Question ID:** ACN.100_00.000 
**Instrument Variable Name:** AASERYR 
**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

<table>
<thead>
<tr>
<th>Had visit to ER due to asthma past 12 m</th>
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<tbody>
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Have you EVER been told by a doctor or other health professional that you had...An ulcer? This could be a stomach, duodenal or peptic ulcer.

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

Description: Sample adults aged 18+ years

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

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

DURING THE PAST 12 MONTHS have you had an ulcer?

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

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

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

Had ulcer in past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.130_00.000
Instrument Variable Name: CANEV
Final Documentation Name: CANEV

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

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

Sources: None
Recodes: None
Keywords: cancer; malignant neoplasm; malignancy
Notes: None

Ever told by a doctor you had cancer

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

Question ID: ACN.140_01.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND1

What kind of cancer was it?

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

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

What kind of cancer ... Bladder

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACN.140_02.000

**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND2

**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).

<table>
<thead>
<tr>
<th>What kind of cancer was it?</th>
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<td>Refused</td>
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<td>Don't know</td>
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### 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).

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<tr>
<th>What kind of cancer was it?</th>
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**Question ID:** ACN.140_04.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND4

**What kind of cancer was it?**

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

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

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

What kind of cancer ... Brain

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**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

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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</table>
What kind of cancer was it?

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

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

Sources: None

Recodes: None

Keywords: cancer; cervix neoplasms

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

What kind of cancer ... Cervix

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

What kind of cancer was it?

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

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

Sources: None

Recodes: None

Keywords: cancer; colonic neoplasms

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

What kind of cancer ... Colon

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ACN.140_08.000  
Instrument Variable Name: CANKIND_1-CANKIND_3  
Final Documentation Name: CNKIND8

**What kind of cancer was it?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; esophageal neoplasms

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

What kind of cancer ... Esophagus

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

---

**Question ID:** ACN.140_09.000  
Instrument Variable Name: CANKIND_1-CANKIND_3  
Final Documentation Name: CNKIND9

**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  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND10

**What kind of cancer was it?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; kidney neoplasms

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

**What kind of cancer ... Kidney**

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

---

**Question ID:** ACN.140_11.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND11

**What kind of cancer was it?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; laryngeal neoplasms

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

**What kind of cancer ... larynx-windpipe**

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

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; blood neoplasms; leukemia

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

**What kind of cancer ... Leukemia**

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

**What kind of cancer was it?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; liver neoplasms

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

**What kind of cancer ... Liver**

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

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

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

Sources: None

Recodes: None

Keywords: cancer; lung neoplasms

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

What kind of cancer ... Lung

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

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  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND17

**What kind of cancer was it?**

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

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

**Sources:** None

**Recodes:** None

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

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

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

1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don't know
### Question ID: ACN.140_18.000

**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).

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

### Question ID: ACN.140_19.000

**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; 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).

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

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

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

Sources: None

Recodes: None

Keywords: cancer; prostatic neoplasms

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

What kind of cancer ... Prostate

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

What kind of cancer was it?

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

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

Sources: None

Recodes: None

Keywords: cancer; rectal neoplasms

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

What kind of cancer ... Rectum

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
### Question ID: ACN.140_22.000

**What kind of cancer was it?**

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; skin neoplasms

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

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

<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_23.000

**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).

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

<table>
<thead>
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<th>Description</th>
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<tbody>
<tr>
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<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>
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</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 \( \geq 018 \)) and CANEV = '1'

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; soft tissue neoplasms

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

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

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

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

**What kind of cancer was it?**

**Universe:** ASTATFLG = '1' and (AGE \( \geq 018 \)) 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**

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

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

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

Sources: None

Recodes: None

Keywords: cancer; testicular neoplasms

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

What kind of cancer ... Testis

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

What kind of cancer was it?

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

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

Sources: None

Recodes: None

Keywords: cancer; pharyngeal neoplasms

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

What kind of cancer ... throat - pharynx

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ACN.140_28.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND28

### What kind of cancer was it?

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

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

What kind of cancer ... Thyroid

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

---

**Question ID:** ACN.140_29.000  
**Instrument Variable Name:** CANKIND_1-CANKIND_3  
**Final Documentation Name:** CNKIND29

### What kind of cancer was it?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CANEV = '1' and SEX = '2'  
**Description:** Sample Female adults aged 18+ years who were ever told they had cancer

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

What kind of cancer ... Uterus

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don't know
Question ID: ACN.140_30.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND30

What kind of cancer was it?

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

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

What kind of cancer ... Other

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

Question ID: ACN.140_31.000
Instrument Variable Name: CANKIND_4
Final Documentation Name: CNKIND31

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

Universe: ASTATFLG = '1' and AGE GE '018' and AGE not IN ('997','999') and CANEV = '1' and CNKIND_3 ne '96' and CNKIND_3 ne '7'
Description: Sample adults aged 18+ years who were ever told they had cancer

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

What kind of cancer ... more than 3 kinds

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.150_01.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE1

How old were you when cancer was first diagnosed?

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

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

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

Age first diagnosed w/bladder cancer

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

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

How old were you when cancer was first diagnosed?

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

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

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

Age first diagnosed w/blood cancer

01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know
Question ID: ACN.150_03.000  Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE3

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

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

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

*Sources:* None

*Recodes:* None

*Keywords:* onset; cancer; bone neoplasms

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

**Age first diagnosed w/bone cancer**

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

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>
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<td>1-84 years</td>
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<tr>
<td>85</td>
<td>85+ years</td>
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<tr>
<td>97</td>
<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 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>
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<tbody>
<tr>
<td>01-84</td>
<td>1-84 years</td>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</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 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>
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<th>Age</th>
<th>Description</th>
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<tbody>
<tr>
<td>01-84</td>
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<tr>
<td>85</td>
<td>85+ years</td>
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<tr>
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**Question ID:** ACN.150_07.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE7

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

<table>
<thead>
<tr>
<th>Age first diagnosed w/colon cancer</th>
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<tbody>
<tr>
<td>01-84</td>
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</tr>
<tr>
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</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

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

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

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Question ID: ACN.150_10.000  Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE10

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

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

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

**Sources:** None

**Recodes:** None

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

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

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<th>Age first diagnosed w/kidney cancer</th>
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<tr>
<td>85    85+ years</td>
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<tr>
<td>97    Refused</td>
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<td>98    Not ascertained</td>
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<tr>
<td>99    Don't know</td>
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2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 18-Jun-18

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

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND11 = '1'
Description: Sample adults aged 18+ years who were ever told they had larynx-windpipe cancer

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

Age first diagnosed w/larynx-windpipe cancer

<table>
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<th>Description</th>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>97</td>
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</tr>
<tr>
<td>98</td>
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</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>
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<tr>
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<tr>
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2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 18-Jun-18

Question ID: ACN.150_13.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE13

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND13 = '1'
Description: Sample adults aged 18+ years who were ever told they had liver cancer

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

Age first diagnosed w/liver cancer

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

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.

Age first diagnosed w/lung 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: \( \text{ASTATFLG} = '1' \) and (\( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN ('997','999')) and \( \text{CNKIND15} = '1' \)

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

Sources: None

Recodes: None

Keywords: onset; cancer; lymphoma neoplasms

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

Age first diagnosed w/lymphoma

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<thead>
<tr>
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<th>Description</th>
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<tr>
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<tr>
<td>99</td>
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</table>

How old were you when cancer was first diagnosed?

Universe: \( \text{ASTATFLG} = '1' \) and (\( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN ('997','999')) and \( \text{CNKIND16} = '1' \)

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>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>
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<tr>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
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</table>
How old were you when cancer was first diagnosed?

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

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

Age first diagnosed w/mouth/tongue/lip cancer

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>98</td>
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<tr>
<td>99</td>
<td>Don't know</td>
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</table>

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND18 = '1'
Description: Sample adults aged 18+ years who were ever told they had ovarian cancer

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

Age first diagnosed w/ovarian cancer

<table>
<thead>
<tr>
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<th>Description</th>
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<tr>
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<tr>
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</table>
How old were you when cancer was first diagnosed?

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

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

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

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

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<tr>
<th>Age first diagnosed w/pancreatic cancer</th>
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How old were you when cancer was first diagnosed?

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

**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.

<table>
<thead>
<tr>
<th>Age first diagnosed w/prostate cancer</th>
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</thead>
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<tr>
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</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

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<th>Age</th>
<th>Description</th>
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<tr>
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**Question ID:** ACN.150_22.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE22

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

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

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

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

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

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

**Question ID:** ACN.150_23.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE23

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

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

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

**Age first diagnosed w/skin (DK kind) cancer**

<table>
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<tr>
<th>Age</th>
<th>Description</th>
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<tr>
<td>01-84</td>
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<tr>
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<td>85+ years</td>
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<tr>
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**Question ID:** ACN.150_24.000  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CANAGE24

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

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

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

**Age first diagnosed w/soft tissue cancer**

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

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

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

Sources: None

Recodes: None

Keywords: onset; cancer; stomach neoplasms

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

Age first diagnosed w/stomach cancer

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

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

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 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.

<table>
<thead>
<tr>
<th>Age first diagnosed w/throat/pharynx cancer</th>
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<tr>
<td>98</td>
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<tr>
<td>99</td>
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</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.

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<th>Age first diagnosed w/thyroid cancer</th>
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Question ID: ACN.150_29.000
Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CANAGE29

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND29 = '1'
Description: Sample adults aged 18+ years who were ever told they had uterine cancer

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

Age first diagnosed w/uterine cancer

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<td>85+ years</td>
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</table>

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

How old were you when cancer was first diagnosed?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CNKIND30 = '1'
Description: Sample adults aged 18+ years who were ever told they had other type of cancer

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

Age first diagnosed w/other cancer

<table>
<thead>
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<th>Description</th>
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**Question ID:** ACN.154_00.010  
**Instrument Variable Name:** PREGEVER  
**Final Documentation Name:** PREGEVER

**Have you ever been pregnant?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and SEX=2  
**Description:** Female Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** pregnant, with child  
**Notes:** None

Ever been pregnant

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

---

**Question ID:** ACN.155_00.010  
**Instrument Variable Name:** DBHVPA  
**Final Documentation Name:** DBHVPAY

**DURING THE PAST 12 MONTHS, have you been told by a doctor or health professional to do any of the following... Increase your physical activity or exercise?**

**Increase your physical activity or exercise?**

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

**Sources:** None  
**Recodes:** None  
**Keywords:** physical activity; exercise; aerobic activity; diabetes prevention  
**Notes:** None

Told to increase physical activity, past 12 m

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
Question ID: ACN.155_00.020

Instrument Variable Name: DBHVCLY

Final Documentation Name: DBHVCLY

*Read if necessary.

DURING THE PAST 12 MONTHS, have you been told by a doctor or health professional to do any of the following...Reduce the amount of fat or calories in your diet?

Reduce the amount of fat or calories in your diet?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: diet; calories; nutrition; caloric intake; diabetes prevention

Notes: None

Told to reduce fat/calories in diet, past 12 m

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

Question ID: ACN.155_00.030

Instrument Variable Name: DBHVWLY

Final Documentation Name: DBHVWLY

*Read if necessary.

DURING THE PAST 12 MONTHS, have you been told by a doctor or health professional to do any of the following...Participate in a weight loss program?

Participate in a weight loss program?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: weight loss program; fitness program; nutrition program; diabetes prevention

Notes: None

Told to participate in weight loss program, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Are you NOW doing any of the following...

Increasing your physical activity or exercise?

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

Sources: None
Recodes: None
Keywords: physical activity; exercise; aerobic activity; diabetes prevention
Notes: None

Currently increasing physical activity

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

Are you NOW doing any of the following...

Reducing the amount of fat or calories in your diet?

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

Sources: None
Recodes: None
Keywords: diet; calories; nutrition; caloric intake; diabetes prevention
Notes: None

Currently reducing fat/calories in diet

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**2017 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Conditions**

**PUBLIC USE**

**Document Version Date: 18-Jun-18**

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**Question ID:** ACN.155_00.060  
**Instrument Variable Name:** DBHVWLN  
**Final Documentation Name:** DBHVWLN

*Read if necessary.*

**Are you NOW doing any of the following...**

**Participating in a weight loss program?**

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

**Sources:** None  
**Recodes:** None  
**Keywords:** weight loss program; fitness program; nutrition program; diabetes prevention  
**Notes:** None  
**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Currently participating in weight loss program

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<table>
<thead>
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<td>1</td>
<td>Yes</td>
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**Question ID:** ACN.155_00.070  
**Instrument Variable Name:** DIBREL  
**Final Documentation Name:** DIBREL

**Has your mother, father, brother, or sister EVER been told by a doctor or other health professional that they have diabetes or sugar diabetes?**

*Include only blood relatives. Do not include step-relatives or those unrelated by blood.*

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

**Sources:** None  
**Recodes:** None  
**Keywords:** family health; medical history; blood relatives; diabetes; sugar diabetes  
**Notes:** None  
**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Blood relative ever had diabetes

<p>| | |</p>
<table>
<thead>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**[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:** This variable is comparable to DIBEV in the 2015 file.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>ever been told that you have diabetes</th>
<th>1</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Borderline or prediabetes</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
<td></td>
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<tr>
<td>9</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>

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**Question ID:** ACN.165_00.000

**Instrument Variable Name:** DIBPRE1

**Final Documentation Name:** DIBPRE2

**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 DIBEV1 IN ('2','3','7','9')

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

**Sources:** None

**Recodes:** None

**Keywords:** prediabetes

**Notes:** This variable is comparable to DIBPRE1 in the 2015 file.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>ever had prediabetes or other symptoms</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>
**Question ID:** ACN.167_00.010

**Instrument Variable Name:** DIBTEST

**Final Documentation Name:** DIBTEST

**About how long has it been since you last had a blood test for high blood sugar or diabetes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBPRE2 IN ('1','2','7','9')

**Description:** Sample adults 18+ who do not have diabetes

**Sources:** None

**Recodes:** None

**Keywords:** diabetes test; blood sugar; sugar diabetes; blood test

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Time since last had blood test for high blood sugar/diabetes**

1. 1 year ago or less
2. More than 1 year, but not more than 2 years ago
3. More than 2 years, but not more than 3 years ago
4. More than 3 years ago
5. Never
6. Refused
7. Not ascertained
8. Don't know

---

**Question ID:** ACN.170_00.000 R01 RECODE

**Instrument Variable Name:** DIBAGE

**Final Documentation Name:** DIBAGE1

**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 DIBEV1 = '1'

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

**Sources:** None

**Recodes:** None

**Keywords:** age diagnosed with diabetes; age diagnosed with sugar diabetes

**Notes:** This variable is comparable to DIBAGE in the 2015 file.

**Age first diagnosed w/diabetes**

01-84 1-84 years
85 85+ years
97 Refused
98 Not ascertained
99 Don't know
Question ID: ACN.170_00.000

R02 RECODE

Instrument Variable Name:  
DIFAGE2

Final Documentation Name: DIFAGE2

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV1 = '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 current age. For persons 85 or older, this difference may be an underestimate. The 1999 NHIS was the last survey to include a follow-up question to determine onset in past year. For some with 1 year difference, 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.175_00.010

Instrument Variable Name: DIBTYPE

Final Documentation Name: DIBTYPE

What type of diabetes do you have?

*Read answer categories below.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV1='1'

Description: Sample adults 18+ who were told they had diabetes or sugar diabetes (other than during pregnancy)

Sources: None

Recodes: None

Keywords: Type 1 diabetes; Type 2 diabetes

Notes: None


Type of diabetes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Type 1</td>
</tr>
<tr>
<td>2</td>
<td>Type 2</td>
</tr>
<tr>
<td>3</td>
<td>Other</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: ACN.180_00.000
Instrument Variable Name: DIBPILL
Final Documentation Name: DIBPILL1

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 (DIBEV1='1' or DIBPRE2='1')
Description: Sample adults GE 18 years who were told they had diabetes or sugar diabetes (other than during pregnancy) or who were told they had pre-diabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes, or high blood sugar

Sources: None
Recodes: None
Keywords: diabetes; sugar; oral medication
Notes: This variable is comparable to DIBPILL in the 2015 file.
Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

NOW taking diabetic pills

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

Question ID: ACN.190_00.000
Instrument Variable Name: INSLN1
Final Documentation Name: INSLN1

Insulin can be taken by shot or pump. Are you NOW taking insulin?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (DIBEV1='1' or DIBPRE2='1')
Description: Sample adults GE 18 years who were told they had diabetes or sugar diabetes (other than during pregnancy) or who were told they had prediabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes, or high blood sugar

Sources: None
Recodes: None
Keywords: insulin use; diabetes
Notes: This variable is comparable to INSLN in the 2015 file.
Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

NOW taking insulin

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.190_00.010  
Instrument Variable Name: DIBINS2  
Final Documentation Name: DIBINS2

Thinking back to when you were first diagnosed with diabetes, how long was it before you started taking insulin?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and INSLN1='1'

Description: Sample adults 18+ with diabetes who have ever taken insulin by shot or pump

Sources: None  
Recodes: None  
Keywords: insulin use; diabetes  
Notes: None

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Length of time before started insulin after diagnosed w/ diabetes

1  Less than 1 month
2  1 month to less than 6 months
3  6 months to less than 1 year
4  1 year or more
7  Refused
8  Not ascertained
9  Don't know

Question ID: ACN.190_00.020  
Instrument Variable Name: DIBINS3  
Final Documentation Name: DIBINS3

Since you started taking insulin, have you ever stopped taking it for more than 6 months?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and INSLN1='1'

Description: Sample adults 18+ with diabetes who have ever taken insulin by shot or pump

Sources: None  
Recodes: None  
Keywords: insulin use; diabetes  
Notes: None

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Ever stopped taking insulin for more than 6 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**Was this only during the first year after you were diagnosed with diabetes?**

**Universe:**
\[ \text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN ('997','999')} \text{ and } (\text{DIBINS2 IN('1','2','3')} \text{ and (DIBINS3='1')})) \]

**Description:** Sample adults 18+ who started taking insulin within a year of being diagnosed with diabetes and stopped taking it for more than six months.

**Sources:** None

**Recodes:** None

**Keywords:** insulin use; diabetes

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Stopped taking insulin first year after diagnosed w/ diabetes**

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

---

**First told you had diabetes during pregnancy**

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

---
**Question ID:** ACN.197_00.010  
**Instrument Variable Name:** DIBBABY  
**Final Documentation Name:** DIBBABY

**Have you EVER had a baby that weighed 9 pounds (4 kg) or more at birth?**

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

**Description:** Female Sample adults 18+ who have ever been pregnant

**Sources:** None  
**Recodes:** None  
**Keywords:** diabetes; gestational diabetes; pregnant; with child; birth weight  
**Notes:** None  
**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

---

**Question ID:** ACN.198_00.010  
**Instrument Variable Name:** DIBPRGM  
**Final Documentation Name:** DIBPRGM

**These next questions are about a year-long program that can help people prevent Type 2 diabetes. This program has weekly sessions during the first 6 months and monthly sessions over the last 6 months. People in the program receive support from a lifestyle coach on achieving and maintaining a healthy lifestyle.**

**Have you EVER participated in this type of year-long program to prevent Type 2 diabetes?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV1 ne '1'

**Description:** Sample adults 18+ who have not been diagnosed with diabetes

**Sources:** None  
**Recodes:** None  
**Keywords:** diabetes; Type 2 diabetes; diabetes prevention program  
**Notes:** None  
**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

---

**Ever participated in year-long program to prevent Type 2 diabetes**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Has a doctor or other health care professional ever referred you to such a program to prevent Type 2 diabetes?

<table>
<thead>
<tr>
<th>Question ID: ACN.198_00.020</th>
<th>Instrument Variable Name: DIBREFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name:</td>
<td>DIBREFER</td>
</tr>
</tbody>
</table>

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and DIBEV1 ne '1'

**Description:** Sample adults 18+ who have not been diagnosed with diabetes

**Sources:** None
**Recodes:** None
**Keywords:** diabetes; Type 2 diabetes; diabetes prevention program
**Notes:** None
**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

**Ever referred to program to prevent Type 2 diabetes**

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

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**How interested are you in beginning such a year-long program to prevent Type 2 diabetes? Would you say…**

*Read categories below.*

<table>
<thead>
<tr>
<th>Question ID: ACN.198_00.030</th>
<th>Instrument Variable Name: DIBBEGIN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Final Documentation Name:</td>
<td>DIBBEGIN</td>
</tr>
</tbody>
</table>

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

**Description:** Sample adults 18+ who have not participated in a diabetes prevention program and were not referred to one

**Sources:** None
**Recodes:** None
**Keywords:** diabetes; Type 2 diabetes; diabetes prevention program
**Notes:** None
**Test:** Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

**Interested in beginning year-long program to prevent Type 2 diabetes**

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<tbody>
<tr>
<td>1</td>
<td>Very interested</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat interested</td>
</tr>
<tr>
<td>3</td>
<td>Not interested</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 a seizure disorder or epilepsy?

**Question ID:** ACN.199_00.010
**Instrument Variable Name:** EPILEP1
**Final Documentation Name:** EPILEP1

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

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

Ever told that you have a seizure disorder or epilepsy

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

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

**Question ID:** ACN.199_00.020
**Instrument Variable Name:** EPILEP2
**Final Documentation Name:** EPILEP2

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and EPILEP1='1'
Description: Sample adults 18+ who have ever been told they have epilepsy or a seizure disorder

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

Currently taking medicine to control your seizure disorder or epilepsy

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

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

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

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

Description: Sample adults 18+ who have ever been told they have epilepsy or a seizure disorder
**Question ID:** ACN.199_00.040  
**Instrument Variable Name:** EPILEP4  
**Final Documentation Name:** EPILEP4  

**In the past year have you seen a neurologist or epilepsy specialist for your seizure disorder or epilepsy?**

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

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

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

---

**Question ID:** ACN.199_00.050  
**Instrument Variable Name:** EPILEP5  
**Final Documentation Name:** EPILEP5

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

*Read categories below.*

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

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

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

---

**Seen a neurologist or epilepsy specialist in past year**

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

**Did epilepsy or its treatment interfere with normal activities, past 30 days**

1. Not at all  
2. Slightly  
3. Moderately  
4. Quite a bit  
5. Extremely  
7. Refused  
8. Not ascertained  
9. Don't know
During the PAST 12 MONTHS, have you been told by a doctor or other health professional that you had hay fever?

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

**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; hay fever; allergic rhinitis (non-asthma)  
**Notes:** None

**Told that you had hay fever, past 12 m**

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

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

**Question ID:** ACN.201_02.000  
**Instrument Variable Name:** SINYR  
**Final Documentation Name:** SINYR

**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
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

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

Told you had weak/failing kidneys, 12 m
1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACN.201_05.000

**Instrument Variable Name:** LIVYR  
**Final Documentation Name:** LIVYR

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

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
- **Description:** Sample adults aged 18+ years
- **Sources:** None
- **Recodes:** None
- **Keywords:** liver condition; cirrhosis of liver
- **Notes:** None

<table>
<thead>
<tr>
<th>Told you had liver condition, 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>

### Question ID: ACN.250_00.000

**Instrument Variable Name:** JNTSYMP  
**Final Documentation Name:** JNTSYMP

**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

<table>
<thead>
<tr>
<th>Symptoms of joint pain/aching/stiffness past 30 d</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

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<tr>
<th>Question ID</th>
<th>Instrument Variable Name</th>
<th>Final Documentation Name</th>
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<tr>
<td>ACN.260_01.000</td>
<td>JMTHP1-JMTHP17</td>
<td>JMTHP1</td>
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<tr>
<td>ACN.260_02.000</td>
<td>JMTHP1-JMTHP17</td>
<td>JMTHP2</td>
</tr>
</tbody>
</table>

#### Which joint affected...shoulder-right

1. Mentioned
2. Not mentioned
3. Refused
4. Not ascertained
5. Don't know

#### Which joint affected...shoulder-left

1. Mentioned
2. Not mentioned
3. Refused
4. Not ascertained
5. Don't know

**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).
Question ID: ACN.260_03.000

Instrument Variable Name: JMTHP1-JMTHP17

Final Documentation Name: JMTHP3

Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: right elbow joint disease; right elbow arthritis

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

Which joint affected...elbow-right

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

Question ID: ACN.260_04.000

Instrument Variable Name: JMTHP1-JMTHP17

Final Documentation Name: JMTHP4

Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: left elbow joint disease; left elbow arthritis

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

Which joint affected...elbow-left

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
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</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 hip joint disease; right hip arthritis

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

#### Which joint affected...hip-right

1. Mentioned
2. Not mentioned
3. Refused
4. Not ascertained
5. Don't know

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### 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
3. Refused
4. Not ascertained
5. Don't know
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**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
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<th>Question ID: ACN.260_09.000</th>
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</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 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).

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<th>Which joint affected...knee-right</th>
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</table>

**Which joints are affected?**

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

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

**Sources:** None

**Recodes:** None

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

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

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<th>Which joint affected...knee-left</th>
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Question ID: ACN.260_11.000
Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP11

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'
Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

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

Which joint affected...ankle-right

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

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

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'
Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

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

Which joint affected...ankle-left

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
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Question ID: ACN.260_13.000
Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP13

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).

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

Which joint affected...fingers/thumb-right

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

Which joints are affected?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP = '1'
Description: Sample adults aged 18+ years who have joint pain/stiffness/swelling

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

Which joint affected...fingers/thumb-left

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.260_17.000

Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: 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

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

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<td>1</td>
<td>Yes</td>
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<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
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<td>9</td>
<td>Don't know</td>
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**Question ID:** ACN.290_00.000  
**Instrument Variable Name:** ARTH  
**Final Documentation Name:** ARTH1

**Have you EVER been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?**

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

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

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

Ever been told you had arthritis

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<td>Refused</td>
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**Question ID:** ACN.295_00.000  
**Instrument Variable Name:** ARTHLMT  
**Final Documentation Name:** ARTHLMT

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (JNTSYMP = '1' or ARTH1 = '1')

**Description:** Sample adults aged 18+ years who have joint symptoms or arthritis

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

**Limited due to arthritis or joint symptoms**

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

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

**The following questions are about pain you may have experienced in the PAST THREE MONTHS. Please refer to pain that LASTED A WHOLE DAY OR MORE. Do not report aches and pains that are fleeting or minor.**

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

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

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

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

**Had neck pain, past 3 months**

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
During the PAST THREE MONTHS, did you have ...Low back pain?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: low back pain; sciatica; intervertebral disc disorder

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

Had low back pain, past 3 months

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

Did this pain spread down either leg to areas below the knees?

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

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

Sources: None

Recodes: None

Keywords: back pain; lower leg pain; sciatica; intervertebral disc disorder

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

Pain spread down leg/below knees

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACN.331_01.000

Instrument Variable Name: PAINFACE  
Final Documentation Name: PAINFACE

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

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

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

**Sources:** None

**Recodes:** None

**Keywords:** facial joint pain; jaw muscle ache; facial muscle ache

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

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</table>

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

Instrument Variable Name: AMIGR  
Final Documentation Name: AMIGR

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

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

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

**Sources:** None

**Recodes:** None

**Keywords:** severe headache; migraine headache; head pain

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

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### Question ID: ACN.350_00.000

**Did you have a head cold or chest cold that started DURING THE LAST TWO WEEKS?**

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<td>Sources:</td>
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<td>Recodes:</td>
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<tr>
<td>Keywords:</td>
<td>head cold; chest cold; respiratory ailment</td>
</tr>
<tr>
<td>Notes:</td>
<td>None</td>
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</tbody>
</table>

**Had a head/chest cold past 2 w**

1. Yes
2. No
3. Refused
4. Not ascertained
5. Don't know

### Question ID: ACN.360_00.000

**Did you have a stomach or intestinal illness with vomiting or diarrhea that started DURING THE LAST TWO WEEKS?**

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<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))</th>
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<tr>
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<td>Sample adults aged 18+ years</td>
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<td>Keywords:</td>
<td>digestive disease; stomach/intestinal illness; diarrhea; vomiting</td>
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<td>Notes:</td>
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**Had stomach prob w/vomit/diarrhea, 2 w**

1. Yes
2. No
3. Refused
4. Not ascertained
5. Don't know
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**Question ID:** ACN.370_00.000

**Instrument Variable Name:** PREGNOW

**Final Documentation Name:** PREGNOW

**Are you currently pregnant?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** pregnant; with child

**Notes:** None

**Currently pregnant**

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**Question ID:** ACN.370_00.010

**Instrument Variable Name:** PREGFLYR

**Final Documentation Name:** PREGFLYR

**[fill: Were you pregnant any time since August 1st, [fill: LAST YEAR]?/Were you pregnant any time from August [fill: LAST YEAR] through March [fill: CURYEAR]?/Were you pregnant any time since August 1st, [fill: CURYEAR]?]**

**Universe:** ASTATFLG='1' and ('018' <= AGE <= '049') and SEX='2' and (PREGNOW IN('2','9') or (PREGNOW = '1' and INTERVIEW_MONTH IN('04','05','06','07')))

**Description:** Female sample adults 18-49 years of age who are not currently pregnant or who don't know if they are currently pregnant and interviewed April - July

**Sources:** None

**Recodes:** None

**Keywords:** recently pregnant

**Notes:** None

**Recently pregnant**

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<td>1</td>
<td>Yes</td>
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<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
These next questions are about your hearing, vision, and teeth. **Do you now use a hearing aid(s)?**

<table>
<thead>
<tr>
<th>Now use a hearing aid</th>
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<tbody>
<tr>
<td>1</td>
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**Have you ever used a hearing aid(s) in the past?**

<table>
<thead>
<tr>
<th>Ever used a hearing aid if not now using</th>
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<tr>
<td>1</td>
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</table>
WITHOUT the use of hearing aids or other listening devices, is your hearing excellent, good, a little trouble hearing, moderate trouble, a lot of trouble, or are you deaf?

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: hearing; hearing aid
Notes: None

Hearing w/o hearing aid

1. Excellent
2. Good
3. A little trouble hearing
4. Moderate trouble
5. A lot of trouble
6. Deaf
7. Refused
8. Not ascertained
9. Don't know

---

Do you have trouble seeing, even when wearing glasses or contact lenses?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: vision trouble; seeing disability; visual acuity
Notes: None

Trouble seeing even w/glasses/lenses

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
**Are you blind or unable to see at all?**

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

**Description:** Sample adults aged 18+ years who have trouble seeing when wearing glasses/lenses

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

---

**Have you EVER been told by a doctor or other health professional that you had...Diabetic retinopathy?**

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

**Description:** Sample adults 18+

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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you lost any vision because of diabetic retinopathy?

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

Description: Sample adults 18+ told they have diabetic retinopathy

Sources: None

Recodes: None

Keywords: diabetic retinopathy, diabetes, eyesight, vision loss

Notes: None

Lost vision because of diabetic retinopathy

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

...Cataracts?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: cataracts, eyesight, vision

Notes: None

EVER been told you had cataracts

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
## Have you lost any vision because of cataracts?

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

**Description:** Sample adults 18+ told they have cataracts

| Sources: | None |
| Recodes: | None |
| Keywords: | cataracts, eyesight, vision loss |
| Notes: | None |

### Lost vision because of cataracts

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

## Have you ever had cataract surgery?

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

**Description:** Sample adults 18+ ever had cataracts

| Sources: | None |
| Recodes: | None |
| Keywords: | cataract surgery, vision |
| Notes: | None |

### Ever had cataract surgery

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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: ACN.440_00.050
Instrument Variable Name: VIM_GLEV
Final Documentation Name: VIM_GLEV

* Read if necessary.

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

...Glaucoma?

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

**Description:** Sample adults 18+

| Sources: | None |
| Recodes: | None |
| Keywords: | glaucoma, eyesight, vision |
| Notes: | None |

**EVER been told you had glaucoma**

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

### Question ID: ACN.440_00.060
Instrument Variable Name: VIMLS_GL
Final Documentation Name: VIMLS_GL

**Have you lost any vision because of glaucoma?**

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

**Description:** Sample adults 18+ told they have glaucoma

| Sources: | None |
| Recodes: | None |
| Keywords: | glaucoma, eyesight, vision loss |
| Notes: | None |

**Lost vision because of glaucoma**

| 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 Macular Degeneration?**

* Read if necessary.

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

**Description:** Sample adults 18+

**Question ID:** ACN.440_00.070

**Instrument Variable Name:** VIM_MDEV

**Final Documentation Name:** VIM_MDEV

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

---

**Have you lost any vision because of macular degeneration?**

* Read if necessary.

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

**Description:** Sample adults 18+ told they have macular degeneration

**Question ID:** ACN.440_00.080

**Instrument Variable Name:** VIMLS_MD

**Final Documentation Name:** VIMLS_MD

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

---
Do you currently wear eyeglasses or contact lenses?

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: eyeglasses, contact lenses, eyesight, vision
Notes: None

Currently wear eyeglasses or contact lenses?

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

Do you wear eyeglasses or contact lenses to read books or newspapers, write, or do other things that require you to see well up close, such as cooking, sewing or fixing things?

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

Description: Sample adults 18+ wear glasses or contacts

Sources: None
Recodes: None
Keywords: eyeglasses, contact lenses, eyesight, vision
Notes: None

Wear eyeglasses or contact lenses to read/write/cook/sew?

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
### Do you wear eyeglasses or contact lenses to drive, read road and street signs, watch TV, or see things in the distance?

**Question ID:** ACN.440_00.120  
**Instrument Variable Name:** VIMDRIVE  
**Final Documentation Name:** VIMDRIVE

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

#### Description:
Sample adults 18+ wear glasses or contacts

| Sources: | None |
| Recodes: | None |
| Keywords: | eyeglasses, contact lenses, eyesight, vision |
| Notes: | None |

Wear eyeglasses or contact lenses to drive/read signs/watch TV?

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

### Do you use any vision rehabilitation services, such as job training, counseling, or training in daily living skills and mobility?

**Question ID:** ACN.440_00.130  
**Instrument Variable Name:** AVISREH  
**Final Documentation Name:** AVISREH

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

#### Description:
Sample adults 18+ who have trouble seeing

| Sources: | None |
| Recodes: | None |
| Keywords: | vision rehabilitation services, eyesight, vision |
| Notes: | None |

Use any vision rehabilitation services

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
Do you use any adaptive devices such as telescopic or other prescriptive lenses, magnifiers, large print or talking materials, CCTV, white cane, or guide dog?

**Question ID:** ACN.440_00.140  
**Instrument Variable Name:** AVISDEV  
**Final Documentation Name:** AVISDEV

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

**Description:** Sample adults 18+ who have trouble seeing

**Sources:** None  
**Recodes:** None  
**Keywords:** adaptive devices, magnifier, talking books, eyesight, vision  
**Notes:** None

Use any adaptive devices such as magnifiers, talking materials

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<tbody>
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<td>1</td>
<td>Yes</td>
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<td>2</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Even when wearing glasses or contacts lenses, because of your eyesight, / Fill 2: Because of your eyesight,] how difficult is it for you

...To read ordinary print in newspapers

*Read categories below.

<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>
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<tr>
<td>2</td>
<td>Somewhat difficult</td>
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<tr>
<td>3</td>
<td>Very difficult</td>
</tr>
<tr>
<td>4</td>
<td>Can't do at all because of eyesight</td>
</tr>
<tr>
<td>6</td>
<td>Do not do this activity for other reasons</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
*Read if necessary:

[Fill1: Even when wearing glasses or contact lenses, because of your eyesight, / Fill2: Because of your eyesight,] how difficult is it for you

...To do work or hobbies that require you to see well up close such as cooking, sewing, fixing things around the house or using hand tools

*Read categories below.

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

Description: Sample adults 18+ who are not blind

Sources: None
Recodes: None
Keywords: eyeglasses, contact lenses, eyesight, vision, difficulty seeing close
Notes: None

Even when wearing glasses difficult for you to see up close/cook/sew

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>1</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
*Read if necessary:

[Fill1: Even when wearing glasses or contacts lenses, because of your eyesight, / Fill 2: Because of your eyesight,] how difficult is it for you

...To go down steps, stairs, or curbs in dim light or at night

*Read categories below.

Even when wearing glasses difficult for you to go down stairs in dim light

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all because of eyesight
6  Do not do this activity for other reasons
7  Refused
8  Not ascertained
9  Don't know
*Read if necessary:

[Fill1: Even when wearing glasses or contacts lenses, because of your eyesight, / Fill 2: Because of your eyesight,] how difficult is it for you

...To drive during daytime in familiar places

*Read categories below.

| Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ABLIND IN ('2','7','9',' ') |
| Description: Sample adults 18+ who are not blind |

| Sources: None |
| Recodes: None |
| Keywords: eyeglasses, contact lenses, eyesight, vision, difficulty driving |
| Notes: None |

Even when wearing glasses difficult for you to drive during daytime

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<tr>
<th>Code</th>
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<tbody>
<tr>
<td>0</td>
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</tr>
</tbody>
</table>
Even when wearing glasses or contacts lenses, because of your eyesight, how difficult is it for you to notice objects off to the side while you are walking along?

*Read if necessary:

...To notice objects off to the side while you are walking along

*Read categories below.

Even when wearing glasses difficult for you to notice objects while walking

<table>
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<tr>
<th>Value</th>
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<tbody>
<tr>
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**2017 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Conditions**

**PUBLIC USE**

Document Version Date: 18-Jun-18

---

**Question ID:** ACN.441_00.060  
**Instrument Variable Name:** AVDF_CRD  
**Final Documentation Name:** AVDF_CRD

*Read if necessary:

[Fill1: Even when wearing glasses or contacts lenses, because of your eyesight, / Fill 2: Because of your eyesight, ]

how difficult is it for you

...To find something on a crowded shelf

*Read categories below.

<table>
<thead>
<tr>
<th>Category</th>
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<tbody>
<tr>
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<tr>
<td>9</td>
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</table>

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Even when wearing glasses difficult for you to find something on a crowded shelf

---

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

Description: Sample adults 18+ who are not blind

Sources: None

Recodes: None

Keywords: eyeglasses, contact lenses, eyesight, vision, difficulty differentiating

Notes: None
**2017 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Conditions**

**PUBLIC USE**

**Document Version Date:** 18-Jun-18

---

**Question ID:** ACN.442_00.010  
**Instrument Variable Name:** AVISEXAM  
**Final Documentation Name:** AVISEXAM

When was the last time you had an eye exam in which the pupils were dilated? This would have made you temporarily sensitive to bright light.

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

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** eye exam, eyesight, vision  
**Notes:** None

Last time you had an eye exam (pupils dilated)

1. Less than one month
2. 1-12 months
3. 13-24 months
4. More than 2 years
5. Never
6. Refused
7. Not ascertained
8. Don't know

---

**Question ID:** ACN.442_00.020  
**Instrument Variable Name:** AVISACT  
**Final Documentation Name:** AVISACT

Outside of work, do you participate in sports, hobbies, or other activities that can cause eye injury? This includes activities such as baseball, basketball, mowing the lawn, wood working, or working with chemicals.

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

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** sports, activities, eye, injury, eyesight, vision  
**Notes:** None

Participate in sports/other activities that can cause eye injury

1. Yes
2. No
3. Refused
4. Not ascertained
5. Don't know
Question ID: ACN.442_00.030  Instrument Variable Name: AVISPROT
Final Documentation Name: AVISPROT

When doing these activities, on average, do you wear eye protection always, most of the time, some of the time, or none of the time?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AVISACT = '1'
Description: Sample adults 18+ and do participate in activities that can cause eye injury

Sources: None
Recodes: None
Keywords: sports, activities, eye protection, eye, injury, eyesight, vision
Notes: None

When doing these activities, on average, do you wear eye protection

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

Question ID: ACN.451_00.000  Instrument Variable Name: LUPPRT
Final Documentation Name: LUPPRT

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

Lost all upper & lower natural teeth

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
In the past six months, how often did you have pain? Would you say...

*Read answer categories below.

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

Description: Sample adults 18+

Sources: None

Recodes: None

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

Notes: None

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

How often did you have pain, past 6 m

1 Never
2 Some days
3 Most days
4 Every day
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.460_00.020
Instrument Variable Name: PAINLMT
Final Documentation Name: PAINLMT

Over the past six months, how often did pain limit your life or work activities? Would you say...

*Read answer categories below.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CHPAIN6M IN('2','3','4')
Description: Sample adults 18+ who had chronic pain in the past 6 months

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

How often did pain limit life/work activities, past 6 m

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<tbody>
<tr>
<td>1</td>
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</tr>
<tr>
<td>2</td>
<td>Some days</td>
</tr>
<tr>
<td>3</td>
<td>Most days</td>
</tr>
<tr>
<td>4</td>
<td>Every day</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
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Question ID: AHS.040_00.000
Instrument Variable Name: WKDAYR
Final Documentation Name: WKDAYR

During the PAST 12 MONTHS, that is, since {12-month ref. date}, ABOUT how many days did you miss work at a job or business because of illness or injury (do not include maternity leave)?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and WRKLYR4 = '0','1'
Description: Sample adults aged 18+ years who worked during the past 12 months

Sources: None
Recodes: None
Keywords: health indicators; illness; injury; work loss days
Notes: WRKLYR4 has the same response categories as WRKLYR3, the variable that determined the universe for WKDAYR in previous years. See Survey Description Document for more information.

Number of work loss days, past 12 months

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**2017 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

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

**Question:** During the PAST 12 MONTHS, that is, since [12-month ref. date], ABOUT how many days did illness or injury keep you in bed more than half of the day? (Include days while an overnight patient in a hospital)?

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

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

**Sources:** None

**Recodes:** None

**Keywords:** health indicators; illness; injury; bed days

**Notes:** None

**Number of bed days, past 12 months**

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

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

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

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

**Sources:** None

**Recodes:** None

**Keywords:** health indicators; health status

**Notes:** None

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

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<tr>
<td>2</td>
<td>Worse</td>
</tr>
<tr>
<td>3</td>
<td>About the same</td>
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<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: health problem; special equipment; assistive devices

Notes: None

Have health problem that requires special equipment

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

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

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...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

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<tr>
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<td>Only a little difficult</td>
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<tr>
<td>2</td>
<td>Somewhat difficult</td>
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<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>
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<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</table>
Question ID: AHS.091_03.000
Instrument Variable Name: FLSTAND
Final Documentation Name: FLSTAND

By yourself, and without using any special equipment, how difficult is it for you to...Stand or be on your feet for about 2 hours?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHEKONR; FLA1AR

Keywords: difficulty standing; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to stand 2 hours without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
**2017 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 18-Jun-18

**Question ID:** AHS.091_04.000  
**Instrument Variable Name:** FLSIT  
**Final Documentation Name:** FLSIT

**By yourself, and without using any special equipment, how difficult is it for you to...Sit for about 2 hours?**

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

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

**Sources:** None

**Recodes:** ALCYR; 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

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<tr>
<td>1</td>
<td>Only a little difficult</td>
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<tr>
<td>2</td>
<td>Somewhat difficult</td>
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<td>3</td>
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<td>9</td>
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</table>
**Question ID:** AHS.091_05.000  
**Instrument Variable Name:** FLSTOOP  
**Final Documentation Name:** FLSTOOP

**By yourself, and without using any special equipment, how difficult is it for you to...Stoop, bend, or kneel?**

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

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

**Sources:** None

**Recodes:** ALCHRONR; FLA1AR

**Keywords:** difficulty stooping, bending, or kneeling; special equipment; functional limitation

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

How difficult to stoop, bend or kneel without special equipment

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<th>Description</th>
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Question ID: AHS.091_06.000

Instrument Variable Name: FLREACH

Final Documentation Name: FLREACH

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

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty reaching; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to reach over head without special equipment

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

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

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

Notes: See Survey Description Document for more information.

How difficult to grasp small objects without special equipment

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<td>3</td>
<td>Very difficult</td>
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<td>Do not do this activity</td>
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<td>Refused</td>
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<tr>
<td>8</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</table>
Question ID: AHS.141_02.000
Instrument Variable Name: FLCARRY
Final Documentation Name: FLCARRY

By yourself, and without using any special equipment, how difficult is it for you to…Lift or carry something as heavy as 10 pounds such as a full bag of groceries?

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

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

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

By yourself, and without using any special equipment, how difficult is it for you to...Push or pull large objects like a living room chair?

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

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

How difficult to push large objects without special equipment

0 Not at all difficult
1 Only a little difficult
2 Somewhat difficult
3 Very difficult
4 Can't do at all
6 Do not do this activity
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** AHS.171_01.000  
**Instrument Variable Name:** FLSHOP  
**Final Documentation Name:** FLSHOP

**Question:** By yourself, and without using any special equipment, how difficult is it for you to go out to things like shopping, movies, or sporting events?

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

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

**Sources:** None

**Recodes:** ALC1HONR; FLA1AR

**Keywords:** difficulty going out; shopping; sporting events; special equipment; functional limitation

**Notes:** None

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

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<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
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</table>
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

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty participating in social activities; special equipment; functional limitation

Notes: None

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

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<td>Do not do this activity</td>
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**Question ID:** AHS.171_00.000  
**R01 RECODE**  
**Instrument Variable Name:**

**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

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

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY 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: 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
Question ID: AHS.200_02.000

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 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

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

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

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; arthritis; rheumatism

Notes: See Survey Description Document for more information.

Arthritis/rheumatism causes difficulty with activity

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

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

Notes: See Survey Description Document for more information.
Question ID: AHS.200_05.000
Instrument Variable Name: AFLHCA1-AFLHCA37
Final Documentation Name: AFLHCA5

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; 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 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; other injury

Notes: See Survey Description Document for more information.

Other injury causes difficulty with activity

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

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

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

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

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

**Sources:** None

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

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

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

**Stroke problem causes difficulty with activity**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
Question ID: AHS.200_09.000

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; hypertension; high blood pressure

Notes: See Survey Description Document for more information.

Hypertension/high blood pressure causes difficulty with activity

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

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

**Description:** Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/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; 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 FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

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

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; lung/breathing problem; asthma; emphysema; respiratory allergy

Notes: See Survey Description Document for more information.

Lung/breathing problem (e.g., asthma) 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: A STATFLG = '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 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; cancer

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 FLSTOOF 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 FLSOC IN (1', '2', '3', '4') or FLRELAX IN (1', '2', '3', '4'))

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/been 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.
**Question ID:** AHS.200_14.000

**Instrument Variable Name:** AFLHCA1-AFLHCA37

**Final Documentation Name:** ALHCA14A

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

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

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

**Sources:** None

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

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

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

Intellectual disability, AKA mental retardation causes difficulty with activity

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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 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/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 (eg, cerebral palsy) causes difficulty with activity

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLSIT IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or 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
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; 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
Question ID: AHS.200_18.000
Instrument Variable Name: AFLHCA1-AFLHCA37
Final Documentation Name: AFLHCA18

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; weight problem; overweight; obesity
Notes: See Survey Description Document for more information.

Weight 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 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 FLSOCL IN (1, 2, 3, 4) or FLRELAX IN (1, 2, 3, 4))

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

Sources: AFLHCA19; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; missing limbs (fingers, toes, or digits); amputee

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

Missing or amputated limb/finger/digit causes difficulty with activity

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

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or 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: AFLHCA23; AFLHCA24; AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; musculoskeletal system; connective tissue
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Musculoskeletal/connective tissue problem causes difficulty with activity

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

Universe: 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: 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
Question ID: AHS.200_00.000 R04 RECODE

Instrument Variable Name: Final Documentation Name: AFLHC22_

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: 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

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Question ID: AHS.200_00.000 R05 RECODE Instrument Variable Name: Final Documentation Name: AFLHC23_

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/been on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA25-AFLHCA29; AFLHCA35; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

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

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

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

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

**Sources:** AFLHCA30; AFLHCA31; AFLHCA_S1; AFLHCA_S2

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

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

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

**Digestive system problem causes difficulty with activity**

- 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 FLSHOP IN ('1', '2', '3', '4') or FLSOCIL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

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

Sources: 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.
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

Question ID: AHS.200_00.000 R08 RECODE
Instrument Variable Name: AFLHC26_
Final Documentation Name: AFLHC26_

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

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

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

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

Skin/subcutaneous system problem causes difficulty with activity

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

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

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

**Blood or blood-forming organ problem causes difficulty with activity**

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**Question ID:** AHS.200_00.000  
**R10 RECODE**  
**Instrument Variable Name:** AFLHC28_  
**Final Documentation Name:** AFLHC28_

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

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

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

**Sources:** AFLHCA22; AFLHCA_S1; AFLHCA_S2

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

**Keywords:** functional limitation; difficulty with activity; benign tumor; cyst

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

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<th>Benign tumor/cyst causes difficulty with activity</th>
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</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

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

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

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

Description: Sample adults aged 18+ years who, without using special equipment, have at least a little difficulty walking a quarter mile; walking up 10 steps w/o resting; standing/being on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; 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

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

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

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

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

Surgical after-effects/medical treatment causes difficulty with activity  

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

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

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

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

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

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

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

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; fatigue; tiredness; weakness

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

Fatigue/tiredness/weakness causes difficulty with activity

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

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

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

Sources: AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; pregnancy

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

Pregnancy-related problem causes difficulty with activity

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

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

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

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity

Notes: See the Survey Description Document for more information.

Other impairment/problem (1) causes difficulty with activity

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<td>8</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

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

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

**Sources:** None

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

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

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

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

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2017 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 18-Jun-18

**Question ID:** AHS.300_01.000  
**Instrument Variable Name:** AHCL01N  
**Final Documentation Name:** ALTIME1

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

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

**Sources:** AHCL01N

**Recodes:** ALDURA1; ALDURB1; ALCHRC1

**Keywords:** functional limitation; vision problem

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

**Duration of vision problem: Number of units**

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<tr>
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<th>Description</th>
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<tr>
<td>95</td>
<td>95+</td>
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</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
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**Question ID:** AHS.300_02.000  
**Instrument Variable Name:** AHCL01T  
**Final Documentation Name:** ALUNITI

**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**

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<th>Description</th>
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<tbody>
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<td>Week(s)</td>
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<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
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</table>
Question ID: AHS.300_02.000 R01 RECODE
Instrument Variable Name: ALDURA1

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

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

Sources: ALTIME1; ALUNIT1
Recodes: ALDURB1; ALCHRC1
Keywords: functional limitation; vision problem
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA1. See the Survey Description Document for more information.

Duration (in years) of vision problem, recode 1

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<tbody>
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<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.300_02.000 R02 RECODE
Instrument Variable 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>
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<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>
**2017 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

**Question ID:** AHS.300_02.000  
Instrument Variable Name:  
Final Documentation Name: ALCHRC1

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

_Universe:_  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

_Description:_  
Sample adults aged 18+ years with difficulty due to vision problem

_Sources:_  
AFLHCA1; ALDURB1

_Recodes:_  
ALCNDR; ALCHRONR

_Keywords:_  
functional limitation; vision problem

_Notes:_  
Condition was coded as chronic (ALCHRC1 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Vision problem condition status recode**

1  Chronic  
2  Not chronic  
9  Unknown if chronic

**Question ID:** AHS.301_01.000  
Instrument Variable Name: AHCL02N  
Final Documentation Name: ALTIME2

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

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

_Description:_  
Sample adults aged 18+ years with difficulty due to hearing problem

_Sources:_  
AHCL02N

_Recodes:_  
ALDURA2; ALDURB2; ALCHRC2

_Keywords:_  
functional limitation; hearing problem

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

**Duration of hearing problem: Number of units**

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

How long have you had a hearing problem?

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

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

Sources: 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

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 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: ALDURA2; 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

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 hearing problem?**

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

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

**Sources:** ALTIME2; ALUNIT2

**Recodes:** ALCHRC2

**Keywords:** functional limitation; hearing problem

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

**Duration of hearing problem, recode 2**

1. Less than 3 months
2. 3-5 months
3. 6-12 months
4. More than 1 year
7. Refused
8. Not ascertained
9. Don't know

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

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

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

**Sources:** AFLHCA2; ALDURB2

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; hearing problem

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

**Hearing problem condition status recode**

1. Chronic
2. Not chronic
9. Unknown if chronic
### How long have you had arthritis or rheumatism?

**Question ID:** AHS.302_01.000  
**Instrument Variable Name:** AHCL03N  
**Final Documentation Name:** ALTIME3

**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>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>
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</table>

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

**Question ID:** AHS.302_02.000  
**Instrument Variable Name:** AHCL03T  
**Final Documentation Name:** ALUNIT3

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

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

**Sources:** AHCL03T

**Recodes:** ALDURA3; ALDURB3; ALCHRC3

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

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

**Duration of arthritis/rheumatism:** Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Day(s)</td>
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</tr>
<tr>
<td>Week(s)</td>
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</tr>
<tr>
<td>Month(s)</td>
<td>3</td>
</tr>
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<td>Year(s)</td>
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<td>Since birth</td>
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<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>
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</table>
How long have you had arthritis or rheumatism?

Duration (in years) of arthritis/rheumatism, recode 1

00  Less than 1 year
01-84 01-84 years
85  85+ years
96   Unknown number of years
97    Refused
98    Not ascertained
99    Don't know

How long have you had arthritis or rheumatism?

Duration of arthritis/rheumatism, recode 2

1    Less than 3 months
2    3-5 months
3    6-12 months
4    More than 1 year
7    Refused
8    Not ascertained
9    Don't know
Question ID: AHS.302_02.000
Instrument Variable Name: RECODE
Final Documentation Name: ALCHRC3

How long have you had arthritis or rheumatism?

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

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

Sources: AFLHCA3; ALDURB3
Recodes: 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

Question ID: AHS.303_01.000
Instrument Variable Name: AHC104N
Final Documentation Name: ALTIME4

How long have you had a back or neck problem?

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

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

Sources: AHC104N
Recodes: ALDURA4; ALDURB4; ALCHRC4
Keywords: functional limitation; back/neck problem
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of back or neck problem: Number of units

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<tr>
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<tr>
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<td>95+</td>
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<tr>
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Question ID: AHS.303_02.000
Instrument Variable Name: AHCL04T
Final Documentation Name: ALUNIT4

How long have you had a back or neck problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'
Description: Sample adults aged 18+ years with difficulty due to back or neck problem

Sources: AHCL04T
Recodes: ALDURA4; ALDURB4; ALCHRC4
Keywords: functional limitation; back/neck problem
Notes: See the Survey Description Document for more information.

Duration of back or neck problem: Time unit

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<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: ALDURA4
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

<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>
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

Question ID: AHS.303_02.000  R02  RECODE  Instrument Variable Name: ALDURB4
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>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>
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</tr>
</tbody>
</table>

Question ID: AHS.303_02.000  R03  RECODE  Instrument Variable Name: ALCHRC4
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

<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>
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</table>
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

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.

Duration of fracture, bone/joint injury: Time unit

1       Day(s)
2       Week(s)
3       Month(s)
4       Year(s)
6       Since birth
7       Refused
8       Not ascertained
9       Don't know
How long have you had a fracture, bone, or joint injury?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

Description:  
Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

Sources:  
ALTIME5; ALUNIT5

Recodes:  
ALDURB5; ALCHRC5

Keywords:  
functional limitation; fracture; bone/joint injury

Notes:  
Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA5. See the Survey Description Document for more information.

Duration (in years) of fracture, bone/joint injury, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<tr>
<td>01-84</td>
<td>01-84 years</td>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How long have you had a fracture, bone, or joint injury?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'

Description:  
Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

Sources:  
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>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
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<tr>
<td>4</td>
<td>More than 1 year</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHS.304_02.000  
**Instrument Variable Name:** ALCHRC5  
**Final Documentation Name:** ALCHRC5

**How long have you had a fracture, bone, or joint injury?**

**Universe:**  
\( \text{ASTATFLG} = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \text{ not IN} \ ('997','999') \) and AFLHCA5 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury

**Sources:** AFLHCA5; ALDURB5

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; fracture; bone/joint injury

**Notes:** Condition was coded as chronic (ALCHRC5 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

### Fracture, bone/joint injury condition status recode

1. Chronic
2. Not chronic
3. Unknown if chronic

**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:**  
\( \text{ASTATFLG} = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \text{ not IN} \ ('997','999') \) and AFLHCA6 = '1'

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

**Sources:** AHCL06N

**Recodes:** ALDURA6; ALDURB6; ALCHRC6

**Keywords:** functional limitation; other injury

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

### Duration of other injury: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
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<td>95</td>
<td>95+</td>
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<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had 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

Duration of other injury: Time unit

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

How long have you had 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

Duration (in years) of other injury, recode 1

- 00 Less than 1 year
- 01-84 01-84 years
- 85 85+ years
- 96 Unknown number of years
- 97 Refused
- 98 Not ascertained
- 99 Don't know

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

Universe: \( \text{ASTATFLG} = '1' \) and \( \text{AGE GE '018'} \) and \( \text{AGE not IN (997,'999')} \) and \( \text{AFLHCA6} = '1' \)

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

Sources: ALTIME6; ALUNIT6

Recodes: ALCHRC6

Keywords: functional limitation; other injury

Notes: 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.

Duration of other injury, recode 2

<table>
<thead>
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<th>Less than 3 months</th>
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<tbody>
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<td>2</td>
<td>3-5 months</td>
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<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: \( \text{ASTATFLG} = '1' \) and \( \text{AGE GE '018'} \) and \( \text{AGE not IN (997,'999')} \) and \( \text{AFLHCA6} = '1' \)

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

Sources: AFLHCA6; ALDURB6

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; other injury

Notes: See the Survey Description Document for more information.

Other injury condition status recode

<table>
<thead>
<tr>
<th></th>
<th>Chronic</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></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 heart problem?

Universe: $\text{ASTATFLG} = '1'$ and $(\text{AGE GE '018'}\text{ and AGE not IN ('997','999')}\text{ and AFLHCA7 = '1'})$

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

Sources: AHCL07N

Recodes: ALDURA7; ALDURB7; ALCHRC7

Keywords: functional limitation; heart problem

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

Duration of heart problem: Number of units

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

How long have you had a heart problem?

Universe: $\text{ASTATFLG} = '1'$ and $(\text{AGE GE '018'}\text{ and AGE not IN ('997','999')}\text{ and AFLHCA7 = '1'})$

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) |
| 5 | Since birth |
| 6 | Refused |
| 7 | Not ascertained |
| 8 | Don't know |
Question ID: AHS.306_02.000

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

Question ID: AHS.306_02.000

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: See the Survey Description Document for more information.

Duration of heart problem, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHS.306_02.000  
Instrument Variable Name: RECODE  
Final Documentation Name: ALCHRC7

How long have you had a heart problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA7 = '1'

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

Sources: AFLHCA7; ALDURB7
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; heart problem
Notes: Condition was coded as chronic (ALCHRC7 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Heart problem condition status recode
1 Chronic
2 Not chronic
9 Unknown if chronic

Question ID: AHS.307_01.000  
Instrument Variable Name: AHC108N  
Final Documentation Name: ALTIME8

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: AHC108N
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

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
Question ID: AHS.307_02.000  
Instrument Variable Name: AHCL08T  
Final Documentation Name: ALUNIT8

How long have you had a stroke problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

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

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

Duration of stroke problem: Time unit

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.307_02.000  
Instrument Variable Name: R01 RECODE  
Final Documentation Name: ALDURA8

How long have you had a stroke problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

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

Sources: ALTIME8; ALUNIT8
Recodes: ALDURB8; ALCHRC8
Keywords: functional limitation; stroke
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA8. See the Survey Description Document for more information.

Duration (in years) of stroke problem, recode 1

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 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: 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.

Duration of stroke problem, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

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  
**Instrument Variable Name:** AHCL09N  
**Final Documentation Name:** ALTIME9

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** 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

<table>
<thead>
<tr>
<th>01-94</th>
<th>1-94</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
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**Question ID:** AHS.308_02.000  
**Instrument Variable Name:** AHCL09T  
**Final Documentation Name:** ALUNIT9

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** AHCL09T

**Recodes:** ALDURA9; ALDURB9; ALCHRC9

**Keywords:** functional limitation; hypertension; high blood pressure

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

**Duration of hypertension or high blood pressure:** Time unit

<table>
<thead>
<tr>
<th>1</th>
<th>Day(s)</th>
</tr>
</thead>
<tbody>
<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>
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<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 hypertension or high blood pressure?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** ALTIME9; ALUNIT9

**Recodes:** ALDURB9; ALCHRC9

**Keywords:** functional limitation; hypertension; high blood pressure

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA9. See the Survey Description Document for more information.

### Duration (in years) of hypertension or high blood pressure: recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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

**Instrument Variable Name:** Instrument Variable Name:

**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:** ALCHRC9

**Keywords:** functional limitation; hypertension; high blood pressure

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

### Duration of hypertension or high blood pressure: recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

Question ID: AHS.308_02.000 R03 RECODE
Instrument Variable 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>

Question ID: AHS.309_01.000
Instrument Variable Name: AHCL10N
Final Documentation Name: ALTIME10

How long have you had diabetes?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA10 = '1'
Description: Sample adults aged 18+ years with difficulty due to diabetes

Sources: AHCL10N
Recodes: ALDURA10; ALDURB10; ALCHRC10
Keywords: functional limitation; diabetes
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

Duration of diabetes: Number of units

<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.309_02.000

How long have you had diabetes?

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

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

Sources: AHCL10T
Recodes: ALDURA10; ALDURB10; ALCHRC10
Keywords: functional limitation; diabetes
Notes: See the Survey Description Document for more information.

Duration of diabetes: Time unit

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

Question ID: AHS.309_02.000 R01 RECODE

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: ALDURA10; ALDURB10; ALCHRC10
Keywords: functional limitation; diabetes
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA10. See the Survey Description Document for more information.

Duration (in years) of diabetes, 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 diabetes?

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

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

**Sources:** ALTIME10; ALUNIT10

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; diabetes

**Notes:** 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.

#### Duration of diabetes, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>3-5 months</td>
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<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.309_02.000 R03 RECODE

**Instrument Variable Name:**

**Final Documentation Name:** ALCHRC10

### How long have you had diabetes?

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

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

**Sources:** AFLHCA10; ALDURB10

**Recodes:** ALCHRC10

**Keywords:** functional limitation; diabetes

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

#### Diabetes 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 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

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

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

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

Sources: AHCL11T
Recodes: ALDURA11; ALDURB11; ALCHRC11
Keywords: functional limitation; lung problem; breathing problem; asthma; emphysema; respiratory allergy
Notes: See the Survey Description Document for more information.

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

- 1: Day(s)
- 2: Week(s)
- 3: Month(s)
- 4: Year(s)
- 6: Since birth
- 7: Refused
- 8: Not ascertained
- 9: Don't know
### 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), 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>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</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 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:** 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>
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<tbody>
<tr>
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<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**How long have you had a lung or breathing problem (e.g., asthma and emphysema)?**

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

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

**How long have you had cancer?**

**Universe:**  \( \text{ASTATFLG} = '1' \) and \( \text{(AGE GE '018'} \text{ and AGE not IN ('997','999')) and AFLHCA12 = '1'} \)

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

**Sources:** AHCL12N

**Recodes:** ALDURA12; ALDURB12; ALCHRC12

**Keywords:** functional limitation; cancer

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

Duration of cancer: Number of units

<table>
<thead>
<tr>
<th>Code</th>
<th>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.311_02.000

**Instrument Variable Name:** AHCL12T

**Final Documentation Name:** ALUNIT12

**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

**Question ID:** AHS.311_02.000 R01 RECODE

**Instrument Variable Name:** ALDURA12

**Final Documentation Name:** ALDURA12

**How long have you had cancer?**

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

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

**Sources:** ALTIME12; ALUNIT12

**Recodes:** ALDURB12; ALCHRC12

**Keywords:** functional limitation; cancer

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

**Duration (in years) of cancer, recode 1**

- 00 Less than 1 year
- 01-84 01-84 years
- 85 85+ years
- 96 Unknown number of years
- 97 Refused
- 98 Not ascertained
- 99 Don't know
How long have you had cancer?

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

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

Sources: \(\text{ALTIME12}; \text{ALUNIT12}\)

Recodes: \(\text{ALCHRC12}\)

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
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</table>
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

Question ID: AHS.312_01.000
Instrument Variable Name: AHCL13N
Final Documentation Name: ALTIME13

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>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>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: 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>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>
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<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 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>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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

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

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

**Sources:** ALTIME13; ALUNIT13

**Recodes:** ALCHRC13

**Keywords:** functional limitation; birth defect

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

#### Duration of birth defect, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a birth defect?

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

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

Sources: AFLHCA13; ALDURB13

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; birth defect

Notes: Condition was coded as chronic (ALCHRC13 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

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 = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14a = '1'

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

Sources: AHCL14N

Recodes: ADURA14A; ADURB14A; ACHRC14A

Keywords: functional limitation; intellectual disability; mental retardation

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

Duration of intellectual disability, AKA 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: $A_{\text{STATFLG}} = '1'$ and $(\text{AGE} \geq '018')$ and $\text{AGE}$ not IN ('997','999') and $A_{\text{LHCA14A}} = '1'$

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

Sources: \text{AHCL14T}

Recodes: \text{ADURA14A}; \text{ADURB14A}; \text{ACHRC14A}

Keywords: functional limitation; intellectual disability; mental retardation

Notes: This variable replaces \text{ALUNIT14} that appeared in previous survey years. See the note for \text{ALHCA14a} for more information. See the Survey Description Document for a more detailed explanation.

Duration of intellectual disability, also know as mental retardation: Time unit

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

Duration (in years) of intellectual disability, AKA mental retardation, 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
**2017 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 18-Jun-18**

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**Question ID:** AHS.313_02.000  
**R02 RECODE**  
**Instrument Variable Name:** ADURB14A  
**Final Documentation Name:** ADURB14A

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14a = '1'

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

**Sources:** ATIME14a; AUNIT14a

**Recodes:** ACHRC14a

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

**Notes:** This variable replaces ALDURB14 that appeared in previous survey years. See the note for ALHCA14a for more information.

**Duration of intellectual disability, also known as mental retardation, recode 2**

1. Less than 3 months
2. 3-5 months
3. 6-12 months
4. More than 1 year
5. Refused
6. Not ascertained
7. Don't know

---

**Question ID:** AHS.313_02.000  
**R03 RECODE**  
**Instrument Variable Name:** ACHRC14A  
**Final Documentation Name:** ACHRC14A

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14a = '1'

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

**Sources:** ALHCA14a; ADURB14a

**Recodes:** ACHRC14a

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

**Notes:** This variable replaces ALCHRC14 that appeared in previous survey years. See the note for ALHCA14a for more information. Condition was coded as chronic (ACHRC14a = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Intellectual disability, AKA mental retardation condition status recode**

1. Chronic
2. Not chronic
3. Unknown if chronic
Question ID: AHS.314_01.000
Instrument Variable Name: AHC15N
Final Documentation Name: ALTIME15

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: AHC15N
Recodes: ALDURA15; ALDURB15; ALCHRC15

Keywords: functional limitation; other developmental problem; cerebral palsy
Notes: Years are topcoded at 85. See the Survey Description Document for more information.

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

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

Question ID: AHS.314_02.000
Instrument Variable Name: AHC15T
Final Documentation Name: ALUNIT15

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: AHC15T
Recodes: ALDURA15; ALDURB15; ALCHRC15

Keywords: functional limitation; other developmental problem; cerebral palsy
Notes: See the Survey Description Document for more information.

Duration of other developmental problem (e.g., cerebral palsy): Time unit

1 Day(s)
2 Week(s)
3 Month(s)
4 Year(s)
6 Since birth
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHS.314_02.000  R01 RECODE  Instrument Variable Name:
                         Final Documentation Name: ALDURA15

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>
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<tr>
<td>96</td>
<td>Unknown number of years</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
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</table>

Question ID: AHS.314_02.000  R02 RECODE  Instrument Variable Name:
                         Final Documentation Name: ALDURB15

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

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

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

Sources:  ALTIME15; ALUNIT15
Recodes:  ALCHRC15
Keywords: functional limitation; other developmental problem; cerebral palsy
Notes:  See the Survey Description Document for more information.

Duration of other developmental problem (e.g., cerebral palsy), recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
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<tbody>
<tr>
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<td>Less than 3 months</td>
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<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
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<td>6-12 months</td>
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<td>4</td>
<td>More than 1 year</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

Question ID: AHS.314_02.000  R03 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: 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

Question ID: AHS.315_01.000

How long have you had senility?

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

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

Sources: 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
**2017 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

**Question ID:** AHS.315_02.000  
**Instrument Variable Name:** AHCL16T  
**Final Documentation Name:** ALUNIT16

### How long have you had senility?

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

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

**Sources:**  
AHCL16T

**Recodes:**  
ALDURA16; ALDURB16; ALCHRC16

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

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

**Duration of senility: Time unit**

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

**Question ID:** AHS.315_02.000  
**R01 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURA16

### How long have you had senility?

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

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

**Sources:**  
ALTIME16; ALUNIT16

**Recodes:**  
ALDURB16; ALCHRC16

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

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA16. See the Survey Description Document for more information.

**Duration (in years) of senility, recode 1**

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<tr>
<th>Duration</th>
<th>Code</th>
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<tbody>
<tr>
<td>Less than 1 year</td>
<td>00</td>
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<tr>
<td>01-84 years</td>
<td>01-84</td>
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<td>85+ years</td>
<td>85</td>
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<tr>
<td>Unknown number of years</td>
<td>96</td>
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<tr>
<td>Refused</td>
<td>97</td>
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<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>
How long have you had senility?

<table>
<thead>
<tr>
<th>Duration of senility, recode 2</th>
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</thead>
<tbody>
<tr>
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<tr>
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How long have you had senility?

<table>
<thead>
<tr>
<th>Senility condition status recode</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
How long have you had depression, anxiety, or an emotional problem?

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

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

Sources: 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tr>
<td>01-94</td>
<td>1-94</td>
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<td>95+</td>
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<td>96</td>
<td>Since birth</td>
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<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
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</table>

How 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>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<tr>
<td>2</td>
<td>Week(s)</td>
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<td>Year(s)</td>
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<tr>
<td>6</td>
<td>Since birth</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**2017 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 18-Jun-18

**Question ID:** AHS.316_02.000  
**R01 RECODE**  
Instrument Variable Name:  
Final Documentation Name: ALDURA17

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

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

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

**Sources:** ALTIME17; ALUNIT17  
**Recodes:** ALDURB17; ALCHRC17  
**Keywords:** functional limitation; depression; anxiety; emotional problem  
**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA17. See the Survey Description Document for more information.

**Duration (in years) of depression/anxiety/emotional problem, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.316_02.000  
**R02 RECODE**  
Instrument Variable Name:  
Final Documentation Name: ALDURB17

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

**Universe:**  
ASTATFLG = 'I' 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>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
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### 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>
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</thead>
<tbody>
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<td>Chronic</td>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
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</table>

### 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**

<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>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a weight problem?

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

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

Sources: AHCL18T
Recodes: ALDURA18; ALDURB18; ALCHRC18
Keywords: functional limitation; weight problem; overweight; obesity
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA18. See the Survey Description Document for more information.

Duration 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

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
**2017 NATIONAL HEALTH INTERVIEW SURVEY**  
Sample Adult  
*samadult : Adult Health Status & Limitations*  
PUBLIC USE  
**Document Version Date: 18-Jun-18**

<table>
<thead>
<tr>
<th>Question ID: AHS.317_02.000</th>
<th>R02 RECODE</th>
<th>Instrument Variable Name: RECODE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Final Documentation Name:</strong> ALDURB18</td>
<td></td>
<td></td>
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</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:**  
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>Recode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AHS.317_02.000  
**R03 RECODE**  
**Final Documentation Name:** ALCHRC18

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

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

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

**Sources:**  
AFLHCA18; ALDURB18

**Recodes:**  
ALCHRC18, ALCHRONR

**Keywords:**  
functional limitation; weight problem; overweight; obesity

**Notes:**  
Condition was coded as chronic (ALCHRC18 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Weight problem condition status recode**

<table>
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<th>Recode</th>
<th>Description</th>
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<tbody>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
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</table>
**2017 NATIONAL HEALTH INTERVIEW SURVEY**
**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 18-Jun-18**

---

**Question ID:** AHS.318_01.000 RECODE

**Instrument Variable Name:** AHCL19N

**Final Documentation Name:** ALTIME19

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

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

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

**Sources:** None

**Recodes:** ALDURA19; ALDURB19; ALCHRC19

**Keywords:** functional limitation; missing limbs (fingers, toes, or digits); amputee

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC19_. See the Survey Description Document for more information.

**Duration of missing limbs (fingers, toes); amputation: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
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</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
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<tr>
<td>99</td>
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**Question ID:** AHS.318_02.000 RECODE

**Instrument Variable Name:** AHCL19T

**Final Documentation Name:** ALUNIT19

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

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

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

**Sources:** None

**Recodes:** ALDURA19; ALDURB19; 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>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>
How long have you had missing limbs (fingers, toes, or digits)?

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

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

**Sources:** ALTIME19; ALUNIT19

**Recodes:** ALDURB19; 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); amputation, 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 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  
Instrument Variable Name: ALCHRC19

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

Universe: \[\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN } (997,999)) \text{ and } \text{AFLHC19}_n = '1'\]

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

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

Universe: \[\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and } \text{AGE} \text{ not IN } (997,999)) \text{ and } \text{AFLHC20}_n = '1'\]

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

Sources: None

Recodes: ALDURA20; ALDURB20; ALCHRC20

Keywords: functional limitation; musculoskeletal system; connective tissue

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC20_. See the Survey Description Document for more information.

Duration of musculoskeletal/connective tissue problem: Number of units

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
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 = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC20_ = '1'

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

**Sources:** None  
**Recodes:** ALDURA20; ALDURB20; ALCHRC20  
**Keywords:** functional limitation; musculoskeletal system; connective tissue

**Notes:** 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**

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

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Question ID: AHS.319_02.000 R01 RECODE  
Instrument Variable Name: ALDURA20
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**

<table>
<thead>
<tr>
<th>Duration</th>
<th>Recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>00 Less than 1 year</td>
<td></td>
</tr>
<tr>
<td>01-84 01-84 years</td>
<td></td>
</tr>
<tr>
<td>85 85+ years</td>
<td></td>
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<tr>
<td>96 Unknown number of years</td>
<td></td>
</tr>
<tr>
<td>97 Refused</td>
<td></td>
</tr>
<tr>
<td>98 Not ascertained</td>
<td></td>
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<tr>
<td>99 Don't know</td>
<td></td>
</tr>
</tbody>
</table>
Question ID: AHS.319_02.000  R02 RECODE  Instrument Variable 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

Question ID: AHS.319_02.000  R03 RECODE  Instrument Variable Name: ALCHRC20

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

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

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

Sources: AFLHC20_; ALDURB20
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; musculoskeletal system; connective tissue
Notes: Condition was coded as chronic (ALCHRC20 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Musculoskeletal/connective tissue problem condition status recode

1. Chronic
2. Not chronic
9. Unknown if chronic
How long have you had circulation problems (including blood clots)?

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

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

Sources: None

Recodes: ALDURA21; ALDURB21; ALCHRC21

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

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC21_. See the Survey Description Document for more information.

Duration of circulation problems (including blood clots): Number of units

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
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<tr>
<td>95</td>
<td>95+</td>
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<tr>
<td>Since birth</td>
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<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</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: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC21_. See the Survey Description Document for more information.

Duration of circulation problems (including blood clots): Time unit

<table>
<thead>
<tr>
<th>Duration</th>
<th>Code</th>
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<tbody>
<tr>
<td>Day(s)</td>
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<td>Week(s)</td>
<td>2</td>
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<tr>
<td>Month(s)</td>
<td>3</td>
</tr>
<tr>
<td>Year(s)</td>
<td>4</td>
</tr>
<tr>
<td>Since birth</td>
<td>6</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>
How long have you had circulation problems (including blood clots)?

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

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

Sources: ALTIME21; ALUNIT21

Recodes: ALDURB21; ALCHRC21

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

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA21. See the Survey Description Document for more information.

Duration (in years) of circulation problems (including blood clots), recode 1

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 circulation problems (including blood clots)?

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

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

Sources: ALTIME21; ALUNIT21

Recodes: ALCHRC21

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

Notes: See the Survey Description Document for more information.

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

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHS.320_02.000 R03 RECODE

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

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

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

Sources: AFLHC21_; ALDURB21
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; circulation problem; circulatory system; blood clots
Notes: Condition was coded as chronic (ALCHRC21 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Circulation problems (including blood clots) condition status recode
1 Chronic
2 Not chronic
9 Unknown if chronic

Question ID: AHS.321_01.000 RECODE

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

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

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

Sources: None
Recodes: ALDURA22; ALDURB22; ALCHRC22
Keywords: functional limitation; endocrine; nutritional; metabolic
Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC22_. See the Survey Description Document for more information.

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

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

Duration of endocrine/nutritional/metabolic 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

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 (in years) of endocrine/nutritional/metabolic 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

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.
Question ID: AHS.321_02.000 R02 RECODE
Instrument Variable Name: ALDURB22
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.

Duration of endocrine/nutritional/metabolic problem, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

Question ID: AHS.321_02.000 R03 RECODE
Instrument Variable Name: ALCHRC22
Final Documentation Name: ALCHRC22

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

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

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

Sources: AFLHC22_; ALDURB22
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; endocrine; nutritional; metabolic
Notes: Condition was coded as chronic (ALCHRC22 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Endocrine/nutritional/metabolic problem condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic
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

<table>
<thead>
<tr>
<th>Time</th>
<th>Description</th>
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<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 nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: None
Recodes: ALDURA23; ALDURB23; ALCHRC23
Keywords: functional limitation; nervous system; sensory organs
Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC23_. See the Survey Description Document for more information.

Duration of nervous system/sensory organ condition: Time unit

<table>
<thead>
<tr>
<th>Time</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
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<tr>
<td>2</td>
<td>Week(s)</td>
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<td>Month(s)</td>
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<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
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2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

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

How long have you had a nervous system/sensory organ condition?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources: ALTIME23; ALUNIT23
Recodes: ALDURB23; ALCHRC23
Keywords: functional limitation; nervous system; sensory organs
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA23. See the Survey Description Document for more information.

Duration (in years) of nervous system/sensory organ condition, recode 1

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
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<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
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</tr>
</tbody>
</table>

Question ID: AHS.322_02.000 R02 RECODE Instrument Variable 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>
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<tr>
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<th>Description</th>
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<tbody>
<tr>
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<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>
**2017 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 18-Jun-18

**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?**

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC23_ = '1'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sources:</th>
<th>AFLHC23_; ALDURB23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes:</td>
<td>ALCNDRT; ALCHRONR</td>
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<tr>
<td>Keywords:</td>
<td>functional limitation; nervous system; sensory organs</td>
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<tr>
<td>Notes:</td>
<td>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.</td>
</tr>
</tbody>
</table>

**Nervous system/sensory organ condition status recode**

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

**Question ID:** AHS.323_01.000 RECODE
Instrument Variable Name: AHCL24N
Final Documentation Name: ALTME24

**How long have you had digestive system problems?**

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC24_ = '1'</th>
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</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years with difficulty due to digestive system problems</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Sources:</th>
<th>None</th>
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<tbody>
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<td>Recodes:</td>
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<td>Keywords:</td>
<td>functional limitation; digestion</td>
</tr>
<tr>
<td>Notes:</td>
<td>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.</td>
</tr>
</tbody>
</table>

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

| 01-94 | 1-94 |
| 95    | 95+  |
| 96    | Since birth |
| 97    | Refused |
| 98    | Not ascertained |
| 99    | Don't know |
How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

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

Sources: None

Recodes: ALDURA24; ALDURB24; ALCHRC24

Keywords: functional limitation; digestion

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC24_. See the Survey Description Document for more information.

Duration of digestive system problems: Time unit

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

How long have you had digestive system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

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

Sources: ALTIME24; ALUNIT24

Recodes: ALDURB24; ALCHRC24

Keywords: functional limitation; digestion

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA24. See the Survey Description Document for more information.

Duration (in years) of digestive system problems, recode 1

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 digestive system problems?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

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

Sources: ALTIME24; ALUNIT24

Recodes: ALCHRC24

Keywords: functional limitation; digestion

Notes: See the Survey Description Document for more information.

Duration of digestive system problems, recode 2

1 Less than 3 months
2 3-5 months
3 6-12 months
4 More than 1 year
7 Refused
8 Not ascertained
9 Don't know

How long have you had digestive system problems?

Universe: ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

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

Sources: AFLHC24_; ALDURB24

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; digestion

Notes: Condition was coded as chronic (ALCHRC24 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Digestive system problems condition status recode

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

**Question ID:** AHS.324_01.000 RECODE  
**Instrument Variable Name:** AGL25N  
**Final Documentation Name:** ALTIME25

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources: None

Recodes: ALDURA25; ALDURB25; ALCHRC25

Keywords: functional limitation; genitourinary system

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC25_. See the Survey Description Document for more information.

**Duration of genitourinary system problem: Number of units**

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

---

How long have you had a genitourinary system problem?

**Question ID:** AHS.324_02.000 RECODE  
**Instrument Variable Name:** AGL25T  
**Final Documentation Name:** ALUNIT25

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:**  
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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: AHS.324_02.000  R02 RECODE

**Instrument Variable Name:**  
Final Documentation Name: ALDURB25

**How long have you had a genitourinary system problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to a genitourinary system problem

**Sources:**  
ALTIME25; ALUNIT25

**Recodes:**  
ALCHRC25

**Keywords:** functional limitation; genitourinary system

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

#### Duration of genitourinary system problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had a genitourinary system problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC25_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a genitourinary system problem

Sources: AFLHC25_; ALDURB25

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; genitourinary system

Notes: Condition was coded as chronic (ALCHRC25 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Genitourinary system problem condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: None

Recodes: ALDURA26; ALDURB26; ALCHRC26

Keywords: functional limitation; skin; subcutaneous system

Notes: Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC26_. See the Survey Description Document for more information.

Duration of skin/subcutaneous system problems: Number of units

01-94 1-94
95 95+
96 Since birth
97 Refused
98 Not ascertained
99 Don't know
How long have you had skin/subcutaneous system problems?

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

**Sources:** None

**Recodes:** ALDURA26; ALDURB26; ALCHRC26

**Keywords:** functional limitation; skin; subcutaneous system

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC26_. See the Survey Description Document for more information.

**Duration of skin/subcutaneous system problems:** Time unit

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

---

How long have you had skin/subcutaneous system problems?

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

- 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.325_02.000 R02 RECODE Instrument Variable 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

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.325_02.000 R03 RECODE Instrument Variable Name: ALCHRC26

How long have you had skin/subcutaneous system problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC26_ = '1'

Description: Sample adults aged 18+ years with difficulty due to skin/subcutaneous system problems

Sources: AFLHC26_; ALDURB26
Recodes: ALCNDRT, ALCHRONR
Keywords: functional limitation; skin; subcutaneous system
Notes: Condition was coded as chronic (ALCHRC26 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Skin/subcutaneous system problems condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic
How long have you had a blood or blood-forming organ problem?

Universe:  $\text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018' and AGE not IN ('997','999')} \text{ and AFLHC27_ = '1'})$

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

<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 blood or blood-forming organ problem?

Universe:  $\text{ASTATFLG} = '1' \text{ and } (\text{AGE GE '018' and AGE not IN ('997','999')} \text{ and AFLHC27_ = '1'})$

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

<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>
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<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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

<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 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>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 blood or blood-forming organ problem?

**Universe:** $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ("997","999")) and $\text{AFLHC27}_- = '1'$

**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 ($\text{ALCHRC27} = '1'$), 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>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 benign tumor/cyst?

**Universe:** $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ("997","999")) and $\text{AFLHC28}_- = '1'$

**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>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>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.327_02.000 RECODE  

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

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.327_02.000 R01 RECODE  

How long have you had a benign tumor/cyst?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Sources: ALTIME28; ALUNIT28

Recodes: ALDURB28; ALCHRC28

Keywords: functional limitation; tumor; cyst; benign

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA28. See the Survey Description Document for more information.

Duration (in years) of benign tumor/cyst, recode 1

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 benign tumor/cyst?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC28_ = '1'

Description: Sample adults aged 18+ years with difficulty due to a benign tumor/cyst

Sources:  ALTIME28; ALUNIT28
Recodes:  ALCHRC28
Keywords: functional limitation; tumor; cyst; benign
Notes: 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

1  Chronic
2  Not chronic
9  Unknown if chronic
### Question ID: AHS.328_01.000 RECODE  
**Instrument Variable Name:** AHCL29N  
**Final Documentation Name:** ALTIME29

**How long have you had an alcohol/drug/substance abuse problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

**Sources:** None

**Recodes:** ALDURA29; ALDURB29; ALCHRC29

**Keywords:** functional limitation; alcohol; substance abuse; drugs

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC29_. See the Survey Description Document for more information.

**Duration of alcohol/drug/substance abuse problem: Number of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
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<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Day(s)</td>
</tr>
<tr>
<td>2</td>
<td>Week(s)</td>
</tr>
<tr>
<td>3</td>
<td>Month(s)</td>
</tr>
<tr>
<td>4</td>
<td>Year(s)</td>
</tr>
<tr>
<td>6</td>
<td>Since birth</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.328_02.000  R01  RECODE  Instrument Variable Name: ALDURA29

How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: ALTIME29; ALUNIT29

Recodes: ALDURB29; ALCHRC29

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA29. See the Survey Description Document for more information.

Duration (in years) of alcohol/drug/substance abuse problem, recode 1

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.328_02.000  R02  RECODE  Instrument Variable Name: ALDURB29

How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: ALTIME29; ALUNIT29

Recodes: ALCHRC29

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: See the Survey Description Document for more information.

Duration of alcohol/drug/substance abuse problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How long have you had an alcohol/drug/substance abuse problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC29_ = '1'

Description: Sample adults aged 18+ years with difficulty due to an alcohol/drug/substance abuse problem

Sources: AFLHC29_; ALDURB29

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; alcohol; substance abuse; drugs

Notes: Condition was coded as chronic (ALCHRC29 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Alcohol /drug/substance abuse problem condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic

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

01-94  1-94
95   95+
96   Since birth
97   Refused
98   Not ascertained
99   Don't know
How long have you had an other mental/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Sources: None

Recodes: ALDURA30; ALDURB30; ALCHRC30

Keywords: functional limitation; mental illness; ADD; bipolar; schizophrenia

Notes: This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC30_. See the Survey Description Document for more information.

Duration of other mental problem/ADD/Bipolar/Schizophrenia: Time unit

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

How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Sources: ALTIME30; ALUNIT30

Recodes: ALDURB30; ALCHRC30

Keywords: functional limitation; mental illness; ADD; bipolar; schizophrenia

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA30. See the Survey Description Document for more information.

Duration (in years) of other mental problem/ADD/Bipolar/Schizophrenia, recode 1

00  Less than 1 year
01-84  01-84 years
85  85+ years
96  Unknown number of years
97  Refused
98  Not ascertained
99  Don't know
Question ID: AHS.329_02.000  R02 RECODE  Instrument Variable Name:  
Final Documentation Name: ALDURB30

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>

Question ID: AHS.329_02.000  R03 RECODE  Instrument Variable Name:  
Final Documentation Name: ALCHRC30

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:**  
$\text{ASTATFLG} = '1' \text{ and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_} = '1'$

**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>Duration</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94</td>
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<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
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<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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

**Universe:**  
$\text{ASTATFLG} = '1' \text{ and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_} = '1'$

**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

<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>
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<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>
**2017 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 18-Jun-18**

---

**Question ID:** AHS.330_02.000  
**R01 RECODE**  
**Instrument Variable Name:** Final Documentation Name: ALDURA31

**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 prob, 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>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
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</tr>
</tbody>
</table>

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**Question ID:** AHS.330_02.000  
**R02 RECODE**  
**Instrument Variable Name:** Final Documentation Name: ALDURB31

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

**Sources:** ALTIME31; ALUNIT31

**Recodes:** ALCHRC31

**Keywords:** functional limitation; operation; surgery; other medical treatment

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

**Duration of surgical after-effects/medical treatment problems, recode 2**

<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.330_02.000  
**Instrument Variable Name:** ALCRC31

**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.

<table>
<thead>
<tr>
<th>Surgical after-effects/medical treatment problems 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.331_01.000  
**Instrument Variable Name:** AHCL32N

**How long have you had "old age"/elderly/aging-related problems?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** None

**Recodes:** ALDURA32; ALDURB32; ALCHRC32

**Keywords:** functional limitation; elderly; old age; aging

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC32_. See the Survey Description Document for more information.

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

<table>
<thead>
<tr>
<th>01-94</th>
<th>1-94</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>96</td>
<td>Since birth</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHS.331_02.000 RECODE  
**Instrument Variable Name:** AHCL32T  
**Final Documentation Name:** ALUNIT32

**How long have you had "old age"/elderly/aging-related problems?**

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** None

**Recodes:** ALDURA32; ALDURB32; ALCHRC32

**Keywords:** functional limitation; elderly; old age; aging

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC32_. See the Survey Description Document for more information.

**Duration of "old age"/elderly/aging-related problems: Time unit**

<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>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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**Question ID:** AHS.331_02.000 R01 RECODE  
**Instrument Variable Name:**    
**Final Documentation Name:** ALDURA32

**How long have you had "old age"/elderly/aging-related problems?**

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997', '999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** ALTIME32; ALUNIT32

**Recodes:** ALDURB32; ALCHRC32

**Keywords:** functional limitation; elderly; old age; aging

**Notes:** Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA32. See the Survey Description Document for more information.

**Duration (in years) of "old age"/elderly/aging-related problems, recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-84</td>
<td>1-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHS.331_02.000  R02  RECODE
Instrument Variable Name: Final Documentation Name: ALDURB32

How long have you had "old age"/elderly/aging-related problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'
Description: Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

Sources: ALTIME32; ALUNIT32
Recodes: ALCHCRC32
Keywords: functional limitation; elderly; old age; aging
Notes: See the Survey Description Document for more information.

Duration of "old age"/elderly/aging-related problems, recode 2

1  Less than 3 months
2  3-5 months
3  6-12 months
4  More than 1 year
7  Refused
8  Not ascertained
9  Don't know

Question ID: AHS.331_02.000  R03  RECODE
Instrument Variable Name: Final Documentation Name: ALCHCRC32

How long have you had "old age"/elderly/aging-related problems?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'
Description: Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

Sources: AFLHC32_; ALDURB32
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; elderly; old age; aging
Notes: Condition was coded as chronic (ALCHCRC32 = '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
### Question ID: AHS.332_01.000 RECODE

**Instrument Variable Name:** AHCL33N  
**Final Documentation Name:** ALTIME33

#### How long have you had a fatigue/tiredness/weakness problem?

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

**Sources:** None  
**Recodes:** ALDURA33; ALDURB33; ALCHRC33  
**Keywords:** functional limitation; fatigue; tiredness; weakness  
**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC33_. See the Survey Description Document for more information.

| Duration of fatigue/tiredness/weakness problem: Number of units |
|-------------------|-----------|-------------------|---|
| 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: 
   Final Documentation Name: ALDURA33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: ALTIME33; ALUNIT33
Recodes: ALDURB33; ALCHRC33
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA33. See the Survey Description Document for more information.

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
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<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.332_02.000 R02 RECODE  Instrument Variable Name: 
   Final Documentation Name: ALDURB33

How long have you had a fatigue/tiredness/weakness problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'
Description: Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

Sources: ALTIME33; ALUNIT33
Recodes: ALCHRC33
Keywords: functional limitation; fatigue; tiredness; weakness
Notes: See the Survey Description Document for more information.

Duration of fatigue/tiredness/weakness problem, recode 2

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</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.332_02.000 R03 RECODE  
**Instrument Variable Name:**  
**Final Documentation Name:** ALCHRC33

**How long have you had a fatigue/tiredness/weakness problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

**Sources:** AFLHC33_; ALDURB33

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; fatigue; tiredness; weakness

**Notes:** Condition was coded as chronic (ALCHRC33 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

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

**Question ID:** AHS.333_01.000 RECODE  
**Instrument Variable Name:** AHCL34N  
**Final Documentation Name:** ALTIME34

**How long have you had a pregnancy-related problem?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

**Sources:** None

**Recodes:** ALDURA34; ALDURB34; ALCHRC34

**Keywords:** functional limitation; pregnancy

**Notes:** Years are topcoded at 85. This recode, which was derived from several source variables, was created from the time variable associated with the verbatim fields that were coded to AFLHC34_. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Duration of pregnancy-related problem: Number of units</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94  1-94</td>
</tr>
<tr>
<td>95      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>
**How long have you had a pregnancy-related problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

**Description:**  
Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

**Sources:** None

**Recodes:** ALDURA34; ALDURB34; ALCHRC34

**Keywords:** functional limitation; pregnancy

**Notes:** This recode, which was derived from several source variables, was created from the unit variable associated with the verbatim fields that were coded to AFLHC34_. See the Survey Description Document for more information.

**Duration of pregnancy-related problem: Time unit**

<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>

**Duration (in years) of pregnancy-related problem, 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>
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<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</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 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

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

Pregnancy-related condition status recode

1. Chronic
2. Not chronic
9. Unknown if chronic
Question ID: AHS.335_01.000
Instrument Variable Name: AHC90N
Final Documentation Name: ALTIME90

How long have you had {problem in AFLHCA90}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)

Sources: AHC90N
Recodes: ALDURA90; ALDURB90; ALCHRC90
Keywords: functional limitation; not elsewhere classified
Notes: Years are topcoded at 85. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

Duration of other impairment/problem N.E.C. (1): Number of units

<table>
<thead>
<tr>
<th>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>
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<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHS.335_02.000
Instrument Variable Name: AHC90T
Final Documentation Name: ALUNIT90

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: AHC90T
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

<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>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
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</table>
### 2017 NATIONAL HEALTH INTERVIEW SURVEY

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 18-Jun-18**

<table>
<thead>
<tr>
<th>Question ID: AHS.335_02.000</th>
<th>R01 RECODE</th>
<th>Instrument Variable Name: ALDURA90</th>
</tr>
</thead>
</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:** ALTIME90; ALUNIT90

**Recodes:** ALDURB90; ALCHRC90

**Keywords:** functional limitation; not elsewhere classified

**Notes:**  
Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA90. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

**Duration (in years) of other impairment/problem N.E.C. (1), recode 1**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
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<td>Less than 1 year</td>
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<tr>
<td>01-84</td>
<td>01-84 years</td>
</tr>
<tr>
<td>85</td>
<td>85+ years</td>
</tr>
<tr>
<td>96</td>
<td>Unknown number of years</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Question ID: AHS.335_02.000</th>
<th>R02 RECODE</th>
<th>Instrument Variable Name: ALDURB90</th>
</tr>
</thead>
</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:** 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**

<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 {problem in AFLHCA90}?

Universe: \( \text{ASTATFLG} = '1' \) and \((\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in \{'997','999'\}) \) and AFLHCA90 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (1)

Sources: AFLHCA90; ALDURB90

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; not elsewhere classified

Notes: N.E.C. is “not elsewhere classified.” Condition was coded as chronic (ALCHRC90 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
<thead>
<tr>
<th>Value</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 {problem in AFLHCA91}?

Universe: \( \text{ASTATFLG} = '1' \) and \((\text{AGE} \geq '018' \text{ and } \text{AGE} \not\in \{'997','999'\}) \) 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>Value</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 {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

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

How long have you had {problem in AFLHCA91}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

Sources: ALTIME91; ALUNIT91

Recodes: ALDURA91; ALDURB91; ALCHRC91

Keywords: functional limitation; not elsewhere classified

Notes: Since birth (see previous variable) was converted to person's age. Persons with known time unit equal to "years" but unknown number of years were coded as "96" on ALDURA91. N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.

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

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
2017 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Health Status & Limitations  
PUBLIC USE  
Document Version Date: 18-Jun-18  

**Question ID:** AHS.336_02.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALDURB91  

**How long have you had {problem in AFLHCA91}?**  

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'  

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (2)  

**Sources:**  
ALTIME91; ALUNIT91  

**Recodes:**  
ALCHRC91  

**Keywords:**  
functional limitation; not elsewhere classified  

**Notes:**  
N.E.C. is “not elsewhere classified.” See the Survey Description Document for more information.  

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>2</td>
<td>3-5 months</td>
</tr>
<tr>
<td>3</td>
<td>6-12 months</td>
</tr>
<tr>
<td>4</td>
<td>More than 1 year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

---

**Question ID:** AHS.336_02.000  
**R03 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** ALCHRC91  

**How long have you had {problem in AFLHCA91}?**  

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'  

**Description:**  
Sample adults aged 18+ years with difficulty due to other impairment/problem (2)  

**Sources:**  
AFLHCA91; ALDURB91  

**Recodes:**  
ALCNDR; ALCHRONR  

**Keywords:**  
functional limitation; not elsewhere classified  

**Notes:**  
N.E.C. is “not elsewhere classified.” Condition was coded as chronic (ALCHRC91 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.  

Other impairment/problem N.E.C. (2) condition status recode  

<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>
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

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

Recode

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

Description: Sample adults aged 18+ years

Sources: ALCNDRT; FLA1AR

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
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

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

06-84  6 - 84 years
85     85 years or older
96     Never smoked regularly
97     Refused
98     Not ascertained
99     Don't know
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: 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:** $\text{ASTATFLG}='1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ('997','999')) and $\text{SMKNOW} = '3'$

**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 $\text{AGE}_P$ minus $\text{SMKREG}$.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Time since quit: **

<table>
<thead>
<tr>
<th>Time since quit</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1 - 94</td>
</tr>
<tr>
<td>95</td>
<td>95+</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Question ID: AHB.040_02.000

**Instrument Variable Name:** SMKQTTP  
**Final Documentation Name:** SMKQTTP

**How long has it been since you quit smoking cigarettes?**

**Universe:** $\text{ASTATFLG}='1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ('997','999')) and $\text{SMKNOW} = '3'$

**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.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Time since quit: **

<table>
<thead>
<tr>
<th>Time since quit</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>
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<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>
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2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 18-Jun-18

<table>
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<th>Instrument Variable Name:</th>
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<tbody>
<tr>
<td>R01 RECODE</td>
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</tbody>
</table>

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; SMKQTT; 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)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>00</td>
<td>Less than 1 year</td>
</tr>
<tr>
<td>01-69</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>
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</table>

<table>
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<tr>
<th>Question ID: AHB.050_00.000</th>
</tr>
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<tbody>
<tr>
<td>Instrument Variable Name: CIGSDA1</td>
</tr>
<tr>
<td>Final Documentation Name: CIGSDA1</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>
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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>01-94</td>
<td>1 - 94 cigarettes</td>
</tr>
<tr>
<td>95</td>
<td>95+ cigarettes</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHB.060_00.000  
**Instrument Variable Name:** CIGDAMO  
**Final Documentation Name:** CIGDAMO

**On how many of the PAST 30 DAYS did you smoke a cigarette?**

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

**Description:** Sample adults aged 18+ years who are current some day smokers

**Sources:** None

**Recodes:** None

**Keywords:** smoke; smoking; cigarettes; tobacco

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Number days smoked in past 30 days

| 00  | None            |
| 01-30 | 1-30 days      |
| 97   | Refused        |
| 98   | Not ascertained|
| 99   | Don't know     |

---

**Question ID:** AHB.070_00.000  
**Instrument Variable Name:** CIGSDA2  
**Final Documentation Name:** CIGSDA2

**On the average, when you smoked during the PAST 30 DAYS, about how many cigarettes did you smoke a day?**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '2' and (( '01' <= CIGDAMO <= '30') or CIGDAMO IN('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

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

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  
**Instrument Variable Name:** CIGSDAY

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (SMKNOW = '1' or (SMKNOW = '2' and ('01' <=CIGDAMO<='30') or CIGDAMO IN('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.

---

**Question ID:** AHB.080_00.000  
**Instrument Variable Name:** CIGQTYR

**During the PAST 12 MONTHS, have you stopped smoking for more than one day BECAUSE YOU WERE TRYING TO QUIT SMOKING?**

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

**Description:** Sample adults aged 18+ years who are everyday or someday smokers

**Sources:** None

**Recodes:** None

**Keywords:** smoke; quit smoking; cigarettes; tobacco; smoking cessation

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Tried quit smoking 1+ days, past 12 m**

- 1: Yes
- 2: No
- 7: Refused
- 8: Not ascertained
- 9: Don't know
The next question is about electronic cigarettes or e-cigarettes. You may also know them as vape-pens, hookah-pens, e-hookahs, or e-vaporizers. Some look like cigarettes, and others look like pens or small pipes. These are battery-powered, usually contain liquid nicotine, and produce vapor instead of smoke.

Have you EVER used an e-cigarette EVEN ONE TIME?

*Read if necessary: E-cigarettes and similar products can be bought as one-time, disposable products, as re-usable kits with a cartridge, or with refillable chambers. These usually contain a liquid, often called an “e-liquid” or “e-juice.” Popular brands include NJoy, Blu, Logic, and VUSE.

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: smoking; electronic cigarettes; e-cigarette; e-cig; e-smoking; vaping; once

Notes: Question reprised from 2014 AHB and 2015 Cancer NAE Supplement and added since the 2016 AHB questionnaire.


Ever used electronic cigarettes (e-cig), even once

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** AHB.085_00.020  
**Instrument Variable Name:** ECIGCUR2  
**Final Documentation Name:** ECIGCUR2

**Do you now use e-cigarettes every day, some days, or not at all?**

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and ECIGEV2='1'

**Description:** Sample adults 18+ who have ever used e-cigarettes

**Sources:** None

**Recodes:** None

**Keywords:** e-cigarettes; electronic cigarettes; e-cigs; smoking; vaping

**Notes:** Question reprised from 2014 AHB and 2015 Cancer NAE Supplement and added since the 2016 AHB questionnaire.

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

E-cig freq: every day/some days/not at all

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></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.085_00.030  
**Instrument Variable Name:** ECIG30D2  
**Final Documentation Name:** ECIG30D2

**On how many of the PAST 30 DAYS have you used e-cigarettes?**

**Universe:** ASTATFLG = 'I' and (AGE GE '018' and AGE not IN ('997','999')) and ECIGCUR2 IN ('2','3')

**Description:** Sample adults 18+ who now use e-cigarettes some days or not at all

**Sources:** None

**Recodes:** None

**Keywords:** smoking; e-cigarette; e-cig; e-smoking; vaping

**Notes:** Question reprised from 2015 Cancer NAE Supplement for electronic cigarette questions added since the 2016 AHB questionnaire.

Number of days used e-cigarettes, past 30 days

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<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00-30</td>
<td>0-30</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 smoked a regular cigar, cigarillo, or a little filtered cigar EVEN ONE TIME?

*Read if necessary: “Cigarillos” are medium cigars that sometimes are sold with plastic or wooden tips. Some common brands are Black and Mild, Swisher Sweets, Dutch Masters and Phillies Blunts. Cigarillos are usually sold individually or in packs of 5 or fewer. Little filtered cigars look like cigarettes and are usually brown in color. Like cigarettes, little filtered cigars have a spongy filter and are sold in packs of 20. Some common brands are Prime Time and Winchester.

*Read if necessary: Do not include electronic cigars or e-cigars.

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: smoked; regular cigar; cigarillo; little filtered cigar; tobacco; once
Notes: Question reprised from 2015 Cancer NAE Supplement for cigar questions added since the 2016 AHB questionnaire.

Ever smoked a regular cigar, cigarillo, or little filtered cigar, even once

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHB.085_00.050

Instrument Variable Name: CIGCUR2

Final Documentation Name: CIGCUR2

Do you now smoke regular cigars, cigarillos, or little filtered cigars every day, some days, or not at all?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CIGAREV2='1'

Description: Sample adults 18+ who have ever smoked a regular cigar, cigarillo, or filtered cigar

Sources: None

Recodes: None

Keywords: smoke; cigar; cigarillo; little filtered cigar; smoking; tobacco

Notes: Question reprised from 2015 Cancer NAE Supplement for cigar & related product's questions added since the 2016 AHB questionnaire.


Smoke freq: every day / some days / not at all - cigars, cigarillos, or little filtered cigar

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

Question ID: AHB.085_00.060

Instrument Variable Name: CIG30D2

Final Documentation Name: CIG30D2

On how many of the PAST 30 DAYS have you smoked a regular cigar, cigarillo, or little filtered cigar?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and CIGCUR2 IN ('2','3')

Description: Sample adults 18+ who now smoke a regular cigar, cigarillo, or little filtered cigar some days or not at all

Sources: None

Recodes: None

Keywords: smoked; cigar; cigarillo; little filtered cigar; smoking; tobacco

Notes: Question reprised from 2015 Cancer NAE Supplement for cigar & related product's questions added since the 2016 AHB questionnaire.


Number of days smoked cigar, cigarillo, or little filtered cigar, past 30 days

00-30  0-30
97     Refused
98     Not ascertained
99     Don't know
Have you EVER smoked a pipe filled with tobacco—either a regular pipe, water pipe, or hookah EVEN ONE TIME?

*Read if necessary: A hookah is a type of water pipe. It is sometimes called a “narghile” (NAR-ge-lee) pipe. Do not include electronic hookah or e-hookahs.

*Read if necessary: Do not include electronic pipes or e-pipes.

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: smoke; smoking; pipe; water pipe; hookah; tobacco; once

Notes: Question reprised from 2015 Cancer NAE Supplement for tobacco filled pipes & related product's questions added since the 2016 AHB questionnaire.

Ever smoked pipe filled w/tobacco - either pipe, water pipe, or hookah, even once

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Do you now smoke pipes filled with tobacco – either regular pipes, water pipes, or hookahs, every day, some days, or not at all?

*Read if necessary: Do not include pipes filled with substances other than tobacco.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and PIPEV2='1'

Description: Sample adults 18+ who have ever smoked a regular pipe, water pipe or hookah filled with tobacco

Smoke freq: every day/some days/not at all - either pipes, water pipes, or hookahs

1 Every day
2 Some days
3 Not at all
7 Refused
8 Not ascertained
9 Don't know
Smokeless tobacco products are placed in the mouth or nose and can include chewing tobacco, snuff, dip, snus (SNOOSE), or dissolvable tobacco.

Have you ever used smokeless tobacco products EVEN ONE TIME?

*Read if necessary: Do not include nicotine replacement therapy products (such as patch, gum, lozenge, or spray, which are considered smoking cessation treatments.)

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: smokeless tobacco; chewing tobacco; snuff; dip; snus; dissolvable tobacco; once

Notes: Question reprised from 2015 Cancer NAE Supplement for smokeless tobacco (excl. e-cigs) & related product's questions added since the 2016 AHB questionnaire.


Ever used smokeless tobacco products, even once

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHB.085_00.100  
Instrument Variable Name: SMKLSCR2  
Final Documentation Name: SMKLSCR2

Do you NOW use smokeless tobacco products every day, some days, or not at all?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKLSTB1='1'

Description: Sample adults 18+ who have ever used smokeless tobacco products

Sources: None  
Recodes: None  
Keywords: smokeless tobacco; chewing tobacco; snuff; dip; snus; dissolvable tobacco  
Notes: Question reprised from 2015 Cancer NAE Supplement for smokeless tobacco (excl. e-cigs) & related product's questions added since the 2016 AHB questionnaire.

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Smokeless tobacco freq: every day/some days/not at all

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></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.090_01.000  
Instrument Variable Name: VIGNO  
Final Documentation Name: VIGNO

How often do you do VIGOROUS leisure-time physical activities for AT LEAST 10 MINUTES that cause HEAVY sweating or LARGE increases in breathing or heart rate?

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

Description: Sample adults aged 18+ years

Sources: None  
Recodes: VIGFREQW  
Keywords: physical activity; exercise; vigorous activity  
Notes: None

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Freq vigorous activity: # of units

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How often do you do 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>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
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<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.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 IN('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

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Duration vigorous activity: # units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
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<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 IN('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

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Duration vigorous activity: Time unit**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</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:**
- R01 RECODE
- Final Documentation Name: VIGMIN

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

**Description:** Sample adults aged 18+ years who participate in vigorous activities for at least 10 min

**Sources:** `VIGLNGNO; VIGLNGTP`

**Recodes:** None

**Keywords:** physical activity; vigorous activity; exercise

**Notes:** None

**Duration vigorous activity (in minutes)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
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<tbody>
<tr>
<td>010-720</td>
<td>10-720 minutes</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</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?**

**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

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Freq moderate activity: # of units**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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'))

Freq moderate activity: Time units

<table>
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<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>
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</table>

Freq light/moderate 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 light or moderate 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.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 IN('1','2','3','4')

**Description:** Sample adults aged 18+ years who do light or moderate activities

**Sources:** None

**Recodes:** MODADMIN

**Keywords:** physical activity; light activity; moderate activity; exercise

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Duration moderate activity: # of units**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></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>

---

**Duration moderate activity: Time unit**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></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  
**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 IN('1','2','3','4')

**Description:** Sample adults aged 18+ years who do light or moderate activities

**Sources:** None

**Recodes:** MODADMIN

**Keywords:** physical activity; light activity; moderate activity; exercise

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)
Question ID: AHB.120_02.000 R01 RECODE Instrument Variable 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 IN('1','2','3','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>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>010-720</td>
<td>10-720 minutes</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHB.130_01.000 Instrument Variable 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>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never</td>
</tr>
<tr>
<td>001-995</td>
<td>1-995 time(s)</td>
</tr>
<tr>
<td>996</td>
<td>Unable to do this type activity</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How often do you do leisure-time physical activities specifically designed to STRENGTHEN your muscles such as lifting weights or doing calisthenics? (Include all such activities even if you have mentioned them before.)

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

Description: Sample adults aged 18+ years

Strength activity freq: Time units

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>Per day</td>
</tr>
<tr>
<td>2</td>
<td>Per week</td>
</tr>
<tr>
<td>3</td>
<td>Per month</td>
</tr>
<tr>
<td>4</td>
<td>Per year</td>
</tr>
<tr>
<td>6</td>
<td>Unable to do this activity</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHB.130_02.000

**Instrument Variable Name:** STRFREQW

**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)

| 00 | Less than once per week |
| 01-28 | 1-28 times per week |
| 95 | Never |
| 96 | Unable to do strength activity |
| 97 | Refused |
| 98 | Not ascertained |
| 99 | Don't know |

---

**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

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

Ever had 12+ drinks in any one year

| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
In your ENTIRE LIFE, have you had at least 12 drinks of any type of alcoholic beverage?

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

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC1YR IN('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

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Had 12+ drinks in ENTIRE LIFE</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>

In the PAST YEAR, how often did you drink any type of alcoholic beverage?

**Question ID:** AHB.160_01.000  
**Instrument Variable Name:** ALC12MNO  
**Final Documentation Name:** ALC12MNO

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (ALC1YR = '1' or ALCLIFE = '1')

**Description:** Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in their entire life

**Sources:** None  
**Recodes:** ALC12MWK; ALC12MYR; ALCSTAT  
**Keywords:** alcohol consumption; drinking frequency  
**Notes:** Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPN1; ALC5UPT1; ALC5UPY1].

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Freq drank alcohol pst yr: # of units</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
</tr>
<tr>
<td>001-365</td>
</tr>
<tr>
<td>997</td>
</tr>
<tr>
<td>998</td>
</tr>
<tr>
<td>999</td>
</tr>
</tbody>
</table>
In the PAST YEAR, how often did you drink any type of alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and (ALC1YR = '1' or ALCLIFE = '1')

Description: Sample adults aged 18+ years who have had at least 12 drinks in any one year or at least 12 drinks in their entire life

Sources: None

Recodes: ALC12MWK; ALC12MYR; ALCSTAT

Keywords: alcohol consumption; drinking frequency

Notes: Not edited for consistency with number of days in past year consumed 5+ drinks [that is, ALC5UPN1; ALC5UPT1; ALC5UPY1].

**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, ALC5UPN1; ALC5UPT1; ALC5UPY1]. (2) Values calculated from responses of 31 days per month were truncated to 365 days per year.

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

<table>
<thead>
<tr>
<th>Frequency</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.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 IN ('1','2','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

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Average # drinks on days drank**

<table>
<thead>
<tr>
<th>Frequency</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-94</td>
<td>1-94 drinks</td>
</tr>
<tr>
<td>95</td>
<td>95+ drinks</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.170_00.000  
**Instrument Variable Name:** RECODE  
**Final Documentation Name:** ALCSTAT

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

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

**Sources:** ALC1YR; ALCLIFE; ALC12MYR; ALCAMT; SEX

**Recodes:** None

**Keywords:** alcohol; drinking

**Notes:** Lifetime abstainer: <12 drinks in lifetime; Former infrequent: 12+ drinks in lifetime but never as many as 12 in 1 yr and none in past yr; Former regular: 12+ drinks in lifetime, 12+ drinks in 1 yr, but none in past yr; Former unknown frequency: 12+ drinks in lifetime, none in past year, don’t know if 12+ in any 1 yr; Current infrequent: 12+ drinks in lifetime, and 1-11 drinks in past yr; Current light: 12+ drinks in lifetime, and <=3 drinks per week in past yr; Current moderate: 12+ drinks in lifetime, and (male) >3 drinks per week up to 14 drinks per week OR (female) >3 drinks per week up to 7 drinks per week; Current heavier: 12+ drinks in lifetime, and (male) >14 drinks per week in past year OR (female) >7 drinks per week in past yr. (Average consumption)

**Alcohol drinking status:** Recode

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Lifetime abstainer</td>
</tr>
<tr>
<td>02</td>
<td>Former infrequent</td>
</tr>
<tr>
<td>03</td>
<td>Former regular</td>
</tr>
<tr>
<td>04</td>
<td>Former, unknown frequency</td>
</tr>
<tr>
<td>05</td>
<td>Current infrequent</td>
</tr>
<tr>
<td>06</td>
<td>Current light</td>
</tr>
<tr>
<td>07</td>
<td>Current moderate</td>
</tr>
<tr>
<td>08</td>
<td>Current heavier</td>
</tr>
<tr>
<td>09</td>
<td>Current drinker, frequency/level unknown</td>
</tr>
<tr>
<td>10</td>
<td>Drinking status unknown</td>
</tr>
</tbody>
</table>
Question ID: AHB.180_01.000

Instrument Variable Name: ALC5UPNO

Final Documentation Name: ALC5UPN1

In the PAST YEAR, on how many DAYS did you have 5 or more/4 or more drinks of any alcoholic beverage?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP IN ('1','2','3')

Description: Sample adults aged 18+ years who drank at least once in the past year.

Sources: None

Recodes: ALC5UPY1

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]. Beginning in 2014, ALC5UPNO - ALC5UPTP question's wording changed by differentiating drinks by sex (men 5+ drinks, and women 4+ drinks) to the 2014 AHB questionnaire (without changing the original instrument variable names on the questionnaire). The edits did not change, rather only the final output was re-named and the documentation’s Final DocName both became ALC5UPN1 from ALC5UPNO. Modified in 2014 to the AHB section.


<table>
<thead>
<tr>
<th>Days 5+/4+ drinks, past yr: # days</th>
<th></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>

Days 5+/4+ drinks, past yr: # days
In the PAST YEAR, on how many DAYS did you have 5 or more/4 or more drinks of any alcoholic beverage?

Universe:  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP IN ('1','2','3')

Description:  
Sample adults aged 18+ years who drank at least once in the past year

Sources:  
None

Recodes:  
ALC5UPY1

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]. Beginning in 2014, ALC5UPNO - ALC5UPTP question's wording changed by differentiating drinks by sex (men 5+ drinks, and women 4+ drinks) to the 2014 AHB questionnaire (without changing the original instrument variable names on the questionnaire). The edits did not change, rather only the final output was re-named and the documentation’s Final DocName became ALC5UPT1 from ALC5UPTP. Modified in 2014 to the AHB section.

Test:  
Find testing evaluation report at https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx

Days 5+/4+ drinks, past yr: Time unit

<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>Per week</td>
</tr>
<tr>
<td>2</td>
<td>Per month</td>
</tr>
<tr>
<td>3</td>
<td>Per year</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AHB.180_02.000 R01 RECODE Instrument Variable Name: Final Documentation Name: ALC5UPY1

In the PAST YEAR, on how many DAYS did you have 5 or more/4 or more drinks of any alcoholic beverage?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALC12MTP IN ('1','2','3')

Description: Sample adults aged 18+ years who drank at least once in past year

Sources: ALC5UPN1; ALC5UPT1

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]. Beginning in 2014, the source question's wording (for ALC5UPNO & ALC5UPTP) changed by differentiating drinks by sex (men 5+ drinks, and women 4+ drinks) to the 2014 AHB questionnaire (without changing the original instrument variable names on the questionnaire); therefore, this recode, ALC5UPYR, changed its' wording to match. The edits did not change, rather only the final output was re-named and the documentation's Final DocName became ALC5UPY1 from ALC5UPYR. Modified in 2014 to the AHB section.

Number of days had 5+/4+ drinks past year

000  Never/None
001-365  1-365 days
997  Refused
998  Not ascertained
999  Don't know
Considering all types of alcoholic beverages, DURING THE PAST 30 DAYS, how many times did you have [fill: 5 or more/4 or more] drinks on an occasion?

* Enter '0' if none.
* Enter '60' if 60 or more times.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN('997','999')) and ('001' <= ALC5UPN1 <= '365')

Description: Sample adults 18+ who have had 5+ (males) or 4+ (females) drinks in one day at least once in the past year

Sources: None

Recodes: None

Keywords: binge; binge drinking; excessive alcohol consumption; over-drinking; alcohol consumption; alcohol; drinking; alcoholic beverage

Notes: Continuing since 2015, for public-use release of Qtrs. 1-4. [Beginning in 2014, BINGE1 was added in Q4 as a revised alcohol question replacing BINGE (Q1 - Q3 data), but was restricted in 2014 to In-house use only for methodological reasons as BINGE1 only contains 1 qtr. of 2014 data (Q4). (BINGE1's wording is consistent with BRFSS's question wording.)]
**How tall are you without shoes?**

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

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

**Sources:** None

**Recodes:** BMI

**Keywords:** height

**Notes:** Since 1997, men's heights were top-coded to 76 inches and women's to 70 inches. Not available (96) refers to persons who had extreme values in either height or weight or both. See Survey Description Document for details.

<table>
<thead>
<tr>
<th>Total height in inches</th>
<th>59-76</th>
<th>59-76 inches</th>
</tr>
</thead>
<tbody>
<tr>
<td>96</td>
<td>Not available</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:** AHB.190_04.000  R03 RECODE  Instrument Variable Name:

**Final Documentation Name:** AHEIGHT

---

**How much do you weigh without shoes?**

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

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

**Sources:** None

**Recodes:** BMI

**Keywords:** body weight

**Notes:** Not available (996) refers to persons who had (sex-specific) extreme values for either height or weight or both, that cannot be released for reasons of confidentiality. AWEIGHTP includes values of 126-299 lbs for men and 100-274 lbs for women. Pregnant women, aged 18-49 years, were not excluded from this question and they may be identified using the variable PREGNOW (ACN. 370). See Survey Description Document for details.

<table>
<thead>
<tr>
<th>Weight without shoes (pounds)</th>
<th>100-299</th>
<th>100-299 pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>996</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
<td></td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
<td></td>
</tr>
</tbody>
</table>
Question ID: AHB.200_02.000

Instrument Variable Name: R04 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)

0001-9994  00.01-99.94
9995        99.95+
9999        Unknown

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

Place USUALLY go when sick

1   Yes
2   There is NO place
3   There is MORE THAN ONE place
7   Refused
8   Not ascertained
9   Don't know
### Question ID: AAU.030_00.000
#### Instrument Variable Name: APLKIND
#### Final Documentation Name: APLKIND

['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: AHCPLROU
#### Final Documentation Name: AHCPLROU

Is that {APLKIND} the same place you USUALLY go when you need routine or preventive care, such as a physical examination or check up?

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

**Description:** Sample adults aged 18+ years with 1+ usual place(s) to go when sick/need health advice who reported place goes most often as a clinic or health center, doctor's office or HMO, hospital emergency room, hospital outpatient department, or some other place.

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

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

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: AAU.037_00.000
Instrument Variable Name: AHCPLKND
Final Documentation Name: AHCPLKND

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

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<td>Doesn't get preventive care anywhere</td>
</tr>
<tr>
<td>1</td>
<td>Clinic or health center</td>
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<tr>
<td>2</td>
<td>Doctor's office or HMO</td>
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<td>3</td>
<td>Hospital emergency room</td>
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<td>Hospital outpatient department</td>
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<td>5</td>
<td>Some other place</td>
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<td>Doesn't go to one place most often</td>
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<td>7</td>
<td>Refused</td>
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<td>8</td>
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<td>Don't know</td>
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</table>
### Question ID: AAU.040_00.000

**Instrument Variable Name:** AHCCHGYR  
**Final Documentation Name:** AHCCHGYR

**At any time in the PAST 12 MONTHS did you CHANGE the place(s) to which you USUALLY go for health care?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AUSUALPL IN ('1','3') or AHCPLROU = '1')

**Description:** Sample adults aged 18+ years with 1+ usual place(s) to go when sick/need health advice or who reported same place as usual source of routine/preventive care

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

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

**Instrument Variable Name:** AHCCHGHI  
**Final Documentation Name:** AHCCHGHI

**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

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

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</table>
**2017 NATIONAL HEALTH INTERVIEW SURVEY**  
**Sample Adult**  
**samadult : Adult Access to Health Care & Utilization**  
**PUBLIC USE**  
**Document Version Date: 18-Jun-18**

**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

Doctor's office not accept your health insurance, past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know
**Question ID:** AAU.061_01.000  
**Instrument Variable Name:** AHCDLY_1  
**Final Documentation Name:** AHCDLYR1

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

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; delayed care; access problems  
**Notes:** None

| Couldn't get through on phone, past 12 m |
|------------------|------------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

**Question ID:** AAU.061_02.000  
**Instrument Variable Name:** AHCDLY_2  
**Final Documentation Name:** AHCDLYR2

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

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; delayed care; access problems; scheduling  
**Notes:** None

| Couldn't get appointment soon enough, past 12 m |
|------------------|------------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
### Question ID: AAU.061_03.000

**Instrument Variable Name:** AHCDLY_3  
**Final Documentation Name:** AHCDLYR3

There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? Once you get there, you have to wait too long to see the doctor.

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; delayed care; access problems; waiting time  
**Notes:** None

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### Question ID: AAU.061_04.000

**Instrument Variable Name:** AHCDLY_4  
**Final Documentation Name:** AHCDLYR4

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

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</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 didn't have transportation

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; delayed care; transportation problems

Notes: None

No transportation, past 12 m

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

DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Prescription medicines

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; medical expense; cost of medication; drugs

Notes: None

Couldn't afford prescription medicine, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Mental health care or counseling

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; medical expense; therapy; counseling
Notes: None

Couldn't afford mental health care/counseling, past 12 m

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

DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Dental care (including check-ups)

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; dental expense; cost of dental care; oral health; unmet dental needs
Notes: None

 Couldn't afford dental care, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 18-Jun-18

**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

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

**Question ID:** AAU.111_05.010  
**Instrument Variable Name:** AHCAFY_5  
**Final Documentation Name:** AHCAFYR5

**DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it?  ...To see a specialist.**

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; health care specialist; cost
Notes: 2011 Supplement question

 Couldn't afford to see a specialist, past 12 m

1   Yes
2   No
7   Refused
8   Not ascertained
9   Don't know
Question ID: AAU.111_06.010

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

Question ID: AAU.113_00.010

If you get sick or have an accident, how worried are you that you will be able to pay your medical bills? Are you very worried, somewhat worried, or not at all worried?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; cost worry

Notes: 2011 Supplement question

1  Very worried
2  Somewhat worried
3  Not at all worried
7  Refused
8  Not ascertained
9  Don't know
In regard to your health insurance or health care coverage, how does it compare to a year ago? Is it better, worse, or about the same?

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

Sources: None
Recodes: None
Keywords: access; source; health insurance; health coverage
Notes: 2011 Supplement question

Health insurance coverage compared to a year ago
1 Better
2 Worse
3 About the same
7 Refused
8 Not ascertained
9 Don't know

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

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

Sources: None
Recodes: None
Keywords: access; source; prescription; medication; drugs
Notes: 2013 Supplement questions

Prescribed medication by doctor/health professional, past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**2017 NATIONAL HEALTH INTERVIEW SURVEY**
**Sample Adult**
**samadult : Adult Access to Health Care & Utilization**
**PUBLIC USE**
**Document Version Date: 18-Jun-18**

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

**DURING THE PAST 12 MONTHS, were any of the following true for you?**

…You skipped medication doses to save money

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; prescription drugs; cost  
**Notes:** 2011 Supplement question. In 2013, the variable name changed from ARXPR_1 to ARX12_1. See the 2013 Variable Layout for more information.

Skipped medication doses to save money, past 12 m

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<tr>
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**Question ID:** AAU.127_02.010  
**Instrument Variable Name:** ARX12_2  
**Final Documentation Name:** ARX12_2

**DURING THE PAST 12 MONTHS, were any of the following true for you?**

…you took less medicine to save money

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; prescription drugs; cost  
**Notes:** 2011 Supplement question. In 2013, the variable name changed from ARXPR_2 to ARX12_2. See the 2013 Variable Layout for more information.

Took less medicine to save money, past 12 m

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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don’t know</td>
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</tbody>
</table>
**DURING THE PAST 12 MONTHS, were any of the following true for you?**

**...You delayed filling a prescription to save money**

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

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

**Sources:** None

**Recodes:** None

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

**Notes:** 2011 Supplement question. In 2013, the variable name changed from ARXPR_3 to ARX12_3. See the 2013 Variable Layout for more information.

Delayed filling a prescription to save money, past 12 m

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

**DURING THE PAST 12 MONTHS, were any of the following true for you?**

**...You asked your doctor for a lower cost medication to save money.**

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

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

**Sources:** None

**Recodes:** None

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

**Notes:** 2011 Supplement question. In 2013, the variable name changed from ARXPR_4 to ARX12_4. See the 2013 Variable Layout for more information.

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
Question ID: AAU.127_05.010  
Instrument Variable Name: ARX12_5  
Final Documentation Name: ARX12_5

**DURING THE PAST 12 MONTHS, were any of the following true for you?**  
…You bought prescription drugs from another country to save money.

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

Description: Sample adults 18+

Sources: None  
Recodes: None  
Keywords: access; source; prescription drugs; cost  
Notes: 2011 Supplement question. In 2013, the variable name changed from ARXPR_5 to ARX12_5. See the 2013 Variable Layout for more information.

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: ARX12_6  
Final Documentation Name: ARX12_6

**DURING THE PAST 12 MONTHS, were any of the following true for you?**  
…You used alternative therapies to save money.

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

Description: Sample adults aged 18+

Sources: None  
Recodes: None  
Keywords: access; source; cost; alternative medicine  
Notes: 2011 Supplement question. In 2013, the variable name changed from ARXPR_6 to ARX12_6. See the 2013 Variable Layout for more information.

Used alternative therapies to save money, past 12 m  
1 Yes  
2 No  
7 Refused  
8 Not ascertained  
9 Don't know
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Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 18-Jun-18

## 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

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<td>6 months or less</td>
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<td>More than 6 mos, but not more than 1 yr ago</td>
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<td>3</td>
<td>More than 1 yr, but not more than 2 yrs ago</td>
</tr>
<tr>
<td>4</td>
<td>More than 2 yrs, but not more than 5 yrs ago</td>
</tr>
<tr>
<td>5</td>
<td>More than 5 years ago</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
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<td>8</td>
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## 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

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2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 18-Jun-18

Question ID: AAU.141_02.000
Instrument Variable Name: AHCSY1_2
Final Documentation Name: AHCSYR2

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... An optometrist, ophthalmologist, or eye doctor (someone who prescribes eyeglasses)

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

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; medical advice; vision care
Notes: None

Seen/talked to eye doctor, past 12 m

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

Question ID: AAU.141_03.000
Instrument Variable Name: AHCSY1_3
Final Documentation Name: AHCSYR3

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A foot doctor

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

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; medical advice; podiatrist
Notes: None

Seen/talked to foot doctor, past 12 m

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

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### Question ID: AAU.200_00.000

**Instrument Variable Name:** AHCSYR7  
**Final Documentation Name:** AHCSYR7

**During the past 12 months,** have you seen or talked to any of the following health care providers about your own health?  
**A doctor who specializes in women’s health (an obstetrician/gynecologist)?**

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; dr. visit/contact; gynecologist; obstetrician

**Notes:** None

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**Question ID:** AAU.211_01.000  
**Instrument Variable Name:** AHCSY8_8  
**Final Documentation Name:** AHCSYR8

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A medical doctor who specializes in a particular medical disease or problem (other than obstetrician/gynecologist, psychiatrist or ophthalmologist)?**

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

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

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

Seen/talked to a medical specialist, past 12 m

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**Question ID:** AAU.211_02.000  
**Instrument Variable Name:** AHCSY8_9  
**Final Documentation Name:** AHCSYR9

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A general doctor who treats a variety of illnesses (a doctor in general practice, family medicine, or internal medicine)**

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; dr. visit/contact; general practitioner; internist; family doctor  
**Notes:** None

Seen/talked to a general doctor, past 12 m

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Question ID: AAU.230_00.000
Instrument Variable Name: AHCSYR10
Final Documentation Name: AHCSYR10

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCSYR9 = '1'
Description: Sample adults aged 18+ years who have seen or talked to a general doctor during the past 12 months

Sources: None
Recodes: None
Keywords: access; source; dr. visit/contact; general practitioner; internist; family doctor
Notes: None

Doctor treats both kids and adults

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

Question ID: AAU.240_00.000
Instrument Variable Name: AHERNOYR
Final Documentation Name: AHERNOY2

DURING THE PAST 12 MONTHS, HOW MANY TIMES have you gone to a HOSPITAL EMERGENCY ROOM about your own health? (This includes emergency room visits that resulted in a hospital admission.)

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

Sources: None
Recodes: None
Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care
Notes: None

# times in ER/ED, past 12 m

00 None
01 1
02 2-3
03 4-5
04 6-7
05 8-9
06 10-12
07 13-15
08 16 or more
97 Refused
98 Not ascertained
99 Don't know
Thinking about your most recent emergency room visit, did you go to the emergency room either at night or on the weekend?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <=AHERNOY2 <='08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: 2011 Supplement question

ER visit at night or on weekend

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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

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</table>
Tell me which of these apply to your last emergency room visit?

... You didn't have another place to go

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None
Recodes: None
Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care
Notes: 2011 supplement question. In 2012, the variable name changed from AERREAS1 to AERREA1R. See the 2012 AAU Appendix for more information.

ER visit because didn't have another place to go
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

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

... Your doctor's office or clinic was not open

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None
Recodes: None
Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care
Notes: 2011 supplement question. In 2012, the variable name changed from AERREAS2 to AERREA2R. See the 2012 AAU Appendix for more information.

ER visit because doctors office or clinic was not open
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Tell me which of these apply to your last emergency room visit?

... Your health provider advised you to go

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

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

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**Question ID:** AAU.248_05.050  
**Instrument Variable Name:** AERREAS5  
**Final Documentation Name:** AERREA5R

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

... Only a hospital could help you

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care  
**Notes:** 2011 supplement question. In 2012, the variable name changed from AERREAS5 to AERREA5R. See the 2012 AAU Appendix for more information.

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**Question ID:** AAU.248_06.060  
**Instrument Variable Name:** AERREAS6  
**Final Documentation Name:** AERREA6R

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

... the emergency room is your closest provider

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care  
**Notes:** 2011 supplement question. In 2012, the variable name changed from AERREAS6 to AERREA6R. See the 2012 AAU Appendix for more information.

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<th>Not ascertained</th>
<th>9</th>
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</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 ('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. In 2012, the variable name changed from AERREAS7 to AERREA7R. See the 2012 AAU Appendix for more information.

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

...you arrived by ambulance or other emergency vehicle

- **Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')
- **Description:** Sample adults aged 18+ years who had at least one ER visit in the past year
- **Sources:** None
- **Recodes:** None
- **Keywords:** access; source; emergency room visit (ED); critical care; emergency vehicle; EMS
- **Notes:** 2011 supplement question. In 2012, the variable name changed from AERREAS8 to AERREA8R. See the 2012 AAU Appendix for more information.

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**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?**

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<td>access; source; home health visit; treatment; visiting nurse</td>
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</table>

Received home care from health professional, past 12 m

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

**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?**

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<td>access; source; home health visit; treatment; visiting nurse</td>
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# months of home care, past 12 m

| 01-12 | 01-12 months |
| 97 | Refused |
| 98 | Not ascertained |
| 99 | Don't know |
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

Total number of home visits

01 1
02 2-3
03 4-5
04 6-7
05 8-9
06 10-12
07 13-15
08 16 or more
97 Refused
98 Not ascertained
99 Don't know
DURING THE PAST 12 MONTHS, HOW MANY TIMES have you seen a doctor or other health care professional about your own health at a DOCTOR'S OFFICE, A CLINIC, OR SOME OTHER PLACE? Do not include times you were hospitalized overnight, visits to hospital emergency rooms, home visits, dental visits, or telephone calls.

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; doctor visit; office visit

Notes: None

Total number of office visits, past 12 m

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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

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</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.300_00.000 R01 RECODE  
Instrument Variable Name:  
Final Documentation Name: ASRGNOYP

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: ASRGNOYR
Recodes: None
Keywords: access; source; surgery; surgical care; operation; outpatient; inpatient
Notes: Top-coded for the Public Use file.

# of surgeries, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>01-06</td>
<td>1-6 times</td>
</tr>
<tr>
<td>07</td>
<td>7+ times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Time since last seen/talked to health professional</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>6 months or less</td>
</tr>
<tr>
<td>2</td>
<td>More than 6 mos, but not more than 1 yr ago</td>
</tr>
<tr>
<td>3</td>
<td>More than 1 yr, but not more than 2 yrs ago</td>
</tr>
<tr>
<td>4</td>
<td>More than 2 yrs, but not more than 5 yrs ago</td>
</tr>
<tr>
<td>5</td>
<td>More than 5 years ago</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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 |

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 |
2017 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Access to Health Care & Utilization  
PUBLIC USE  
Document Version Date: 18-Jun-18

### DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

#### Schedule an appointment with a health care provider

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Question ID:</strong></td>
<td>AAU.309_00.030</td>
</tr>
<tr>
<td><strong>Instrument Variable Name:</strong></td>
<td>HIT3A</td>
</tr>
<tr>
<td><strong>Final Documentation Name:</strong></td>
<td>HIT3A</td>
</tr>
<tr>
<td><strong>Universe:</strong></td>
<td>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))</td>
</tr>
<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>access; source; HIT; visit, doctor, nurse; dentist;</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>2011 Supplement question. In 2009, the dimension of health information technology concerning &quot;scheduling an appointment with a health care provider on the Internet&quot; was asked with two questions (HIT7 and HIT8). However in 2011, this dimension was only asked about use &quot;in the past 12 months&quot; and the variable name was changed to reflect this modification.</td>
</tr>
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</table>

#### Scheduled medical appointment on Internet, past 12 m

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

### Communicate with a health care provider by email

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<tbody>
<tr>
<td><strong>Question ID:</strong></td>
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</tr>
<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>access; source; HIT; doctor; nurse; dentist</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>2011 Supplement question. In 2009, the dimension of health information technology concerning &quot;communicating with a health care provider by email on the Internet&quot; was asked with two questions (HIT9 and HIT10). However in 2011, this dimension was only asked about use &quot;in the past 12 months&quot; and the variable name was changed to reflect this modification.</td>
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</table>

#### Communicated with health care provider by email, past 12 m

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<td>1</td>
<td>Yes</td>
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<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

...Use online chat groups to learn about health topics

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; HIT; health information; chat rooms
Notes: 2011 Supplement question. In 2009, the dimension of health information technology concerning "using online chat groups to learn about health topics" was asked with two questions (HIT3 and HIT4). However in 2011, this dimension was only asked about use "in the past 12 months" and the variable name was changed to reflect this modification.

Used chat groups to learn about health topics, past 12 m

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

DURING THE PAST 12 MONTHS, have you had a flu vaccination? A flu vaccination is usually given in the fall and protects against influenza for the flu season.

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; flu; flu shot; flu nasal spray; flumist; flu vaccination; influenza
Notes: In 2016, 4 new flu vaccination questions replaced the 6 flu vaccination questions asked in 2015 and earlier.

Flu vaccination, past 12 m

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<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Was this a shot, or was it a vaccine sprayed in the nose?

* Read if necessary: A flu shot is injected in the arm.

*Read if necessary: The flu nasal spray is called FluMist™

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

Description: Sample adults 18+ who have received a flu vaccination in the past 12 months

Administration method of most recent flu vaccine

1  Flu shot
2  Flu nasal spray (spray, mist or drop in nose)
7  Refused
8  Not ascertained
9  Don't know
During what month and year did you receive your most recent flu vaccination?

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

**Description:** Sample adults 18+ who have had a flu vaccine in the past 12 months

**Notes:** In 2016, 4 new flu vaccination questions replaced the 6 flu vaccination questions asked in 2015 and earlier.

**Month of most recent flu vaccine**

<table>
<thead>
<tr>
<th>Month</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>January</td>
</tr>
<tr>
<td>02</td>
<td>February</td>
</tr>
<tr>
<td>03</td>
<td>March</td>
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<td>04</td>
<td>April</td>
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<td>05</td>
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<td>August</td>
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<td>October</td>
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<td>11</td>
<td>November</td>
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<tr>
<td>12</td>
<td>December</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**2017 NATIONAL HEALTH INTERVIEW SURVEY**

**Sample Adult**

samadult : Adult Access to Health Care & Utilization

PUBLIC USE

Document Version Date: 18-Jun-18

---

**Question ID:** AAU.312_02.000  
**Instrument Variable Name:** FLUVAC_Y  
**Final Documentation Name:** FLUVAC_Y

---

**2 of 2**

*Enter year of most recent flu vaccination.*

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and FLUVAC_M IN ('01'-'12', '99')

**Description:** Sample adults 18+ who gave a month for their last flu vaccination or who didn't know the month

**Sources:** None

**Recodes:** None

**Keywords:** access; source; flu; flu shot; flu nasal spray; flumist; flu vaccination; influenza

**Notes:** In 2016, 4 new flu vaccination questions replaced the 6 flu vaccination questions asked in 2015 and earlier.

<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.313_00.000  
**Instrument Variable Name:** FLUSHPG1  
**Final Documentation Name:** FLUSHPG1

---

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

**Universe:**  
ASTATFLG = '1' and (018 <= AGE <= 049) and SEX = '2' and FLUVACTP = '1' and PREGNOW = '1' and INTV_MON IN ('01','02','03','08','09','10','11','12')

**Description:** Female sample adults 18-49 who received a flu shot in the past 12 months and are currently pregnant (interviewed January-March or August-December)

**Sources:** None

**Recodes:** None

**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; pregnant

**Notes:** 2012 Supplement question

<table>
<thead>
<tr>
<th>Flu shot before/during current pregnancy, interviewed Jan-Mar or Aug-Dec, 2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
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<tr>
<td>9</td>
</tr>
</tbody>
</table>
[If interviewed Jan-Mar (curr year)] Earlier you said you were pregnant sometime since August 1 (last year). Did you get a flu shot before, during or after this pregnancy?

[If interviewed Apr-July (curr year)] Earlier you said you were pregnant sometime between August (last year) and March (curr year). Did you get a flu shot before, during or after this pregnancy?

[If interviewed Aug-Dec (curr year)] Earlier you said you were pregnant sometime since August 1 (curr year). Did you get a flu shot before, during or after this pregnancy?

Universe: ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2' and FLUVACTP ='1' and (PREGFLYR ='1')

Description: Female sample adults 18-49 who received a flu shot in the past 12 months and who are currently pregnant (interviewed April-July) and were pregnant during any time August (last year) through March (curr year); and female sample adults 18-49 who received a flu shot in the past 12 months who are not currently pregnant (interviewed January-July (curr year)) and who were pregnant during any time since August (last year); and female sample adults 18-49 who received a flu shot in the past who were not currently pregnant (interviewed August-December (curr year)) but who were pregnant from any time since August 1 (curr year).

Sources: None

Recodes: None

Keywords: access; source; flu; flu shot; flu vaccine; influenza; pregnant

Notes: 2012 Supplement question

Flu shot before/during/after a pregnancy

1  Before this pregnancy
2  During this pregnancy
3  After this pregnancy
7  Refused
8  Not ascertained
9  Don't know
Have you EVER had a pneumonia shot? This shot is usually given only once or twice in a person's lifetime and is different from the flu shot. It is also called the pneumococcal vaccine.

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; pneumonia; pneumonia shot; pneumonia vaccine

Notes: None

Pneumonia shot (EVER)

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

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

<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 had hepatitis?

**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>
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<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

Ever lived w/ someone w/ hepatitis

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

Have you ever had a blood test for hepatitis B?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: access; source; hepatitis B; blood test; liver

Notes: 2013 Supplement question

Ever had a blood test for hepatitis B

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
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: $\text{ASTATFLG} = '1'$ and $(\text{AGE} \geq '018'$ and $\text{AGE}$ not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; hepatitis B; vaccine; liver

Notes: None

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

<table>
<thead>
<tr>
<th>Hepatitis B vaccine (EVER)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
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</tbody>
</table>

Did you receive at least 3 doses of the hepatitis B vaccine, or less than 3 doses?

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

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

<table>
<thead>
<tr>
<th># doses of hepatitis B vaccine received</th>
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<tr>
<td>1</td>
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</table>
The hepatitis A vaccine is given as a two dose series routinely to some children starting at 1 year of age, and to some adults and people who travel outside the United States. Although it can be given as a combination vaccine with hepatitis B, it is different from the hepatitis B shot, and has only been available since 1995. Have you EVER received the hepatitis A vaccine?

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

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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; hepatitis A; vaccine; liver

**Notes:** 2008 Supplement question

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Hepatitis A vaccine (EVER)**

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

**Question ID:** AAU.390_00.010

**Instrument Variable Name:** SHTHEPA

**Final Documentation Name:** SHTHEPA

---

How many hepatitis A shots did you receive?

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

**Description:** Sample adults aged 18+ years who have had a hepatitis A vaccine

**Sources:** None

**Recodes:** None

**Keywords:** access; source; hepatitis A; vaccine; liver

**Notes:** 2008 Supplement question

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**# shots of hepatitis A vaccine received**

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<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>

---
Question ID: AAU.405_00.010  
Instrument Variable Name: AHEPCTST  
Final Documentation Name: AHEPCTST

Have you ever had a blood test for hepatitis C?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: access; source; hepatitis C; blood test; liver

Notes: 2013 Supplement question

Ever had a blood test for hepatitis C

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

Question ID: AAU.405_00.020  
Instrument Variable Name: AHEPCRES  
Final Documentation Name: AHEPCRES

What is the MAIN reason you were tested for hepatitis C? Was it because...

*Read answer categories below.

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

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

Sources: None

Recodes: None

Keywords: access; source; hepatitis C; test; liver

Notes: 2013 Supplement question

Main reason tested for Hepatitis C

1  A blood test or symptoms like fatigue, nausea, stomach pain, yellowing of eyes/skin indicated risk for hepatitis C
2  You were born from 1945 through 1965
3  At risk of hepatitis C due to exposure to blood at work, injection drug use or receipt of transfusion before 1992
4  Some other reason
7  Refused
8  Not ascertained
9  Don’t know
Shingles is an outbreak of a rash or blisters on the skin that may be associated with severe pain. The pain is generally on one side of the body or face. Shingles is caused by the chicken pox virus. A vaccine for shingles has been available since May 2006. Have you ever had the Zoster (ZOSS-ter) or Shingles vaccine, also called Zostavax®?

**Universe:** ASTATFLG = '1' and (AGE GE '050' and AGE not IN ('997','999'))

**Description:** Sample adults aged 50+ years

**Keywords:** access; source; shingles, herpes zoster, chicken pox, rash

**Notes:** 2008 Supplement question

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Question ID:** AAU.410_00.010  
**Instrument Variable Name:** SHINGLES  
**Final Documentation Name:** SHINGLES

<table>
<thead>
<tr>
<th>Ever had the Zoster or Shingles vaccine</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:** AAU.420_00.010  
**Instrument Variable Name:** SHTTD  
**Final Documentation Name:** SHTTD

**Have you received a tetanus shot in the past 10 years?**

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

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

**Keywords:** access; source; vaccine, tetanus, Td; Tdap

**Notes:** 2008 Supplement question

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Question ID:** AAU.420_00.010  
**Instrument Variable Name:** SHTTD  
**Final Documentation Name:** SHTTD

**Tetanus shot in the past 10 years**

| 1 | Yes |
| 2 | No  |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
There are currently two types of tetanus shots available today. One is the Td or tetanus-diphtheria vaccine and the other is called Tdap or ADACEL™ or BOOSTRIX™. They are similar except the Tdap shot also includes a pertussis (pertUH-sis) or whooping cough vaccine. Thinking back to your most recent tetanus shot, did the health care provider tell you or did the vaccine information sheet say the vaccine included the pertussis or whooping cough vaccine? The shot is often called Tdap or ADACEL™ or BOOSTRIX™.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and 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, pertussis, whooping cough, Td; Tdap, ADACEL

Notes: 2008 Supplement question. In 2012, the variable name changed from SHTTDAP to SHTTDAP2. See the 2012 Variable Layout for more information.


Vaccine included pertussis/whooping cough

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes-included pertussis</td>
</tr>
<tr>
<td>2</td>
<td>No-did not include pertussis</td>
</tr>
<tr>
<td>3</td>
<td>Doctor did not say</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
<tr>
<td>Question ID: AAU.446_00.010</td>
<td>Instrument Variable Name: SHTHPV2</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td></td>
<td>Final Documentation Name: SHTHPV2</td>
</tr>
</tbody>
</table>

Have you ever received an HPV shot or vaccine?

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

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

Universe: ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999'))

| Description: Sample adults aged 18-64 years |

Sources: None
Recodes: None
Keywords: HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL
Notes: In 2010, this variable was located in the Cancer Screening Section (NAF) of the Sample Adult Cancer file. In 2012, it was moved to this section and the variable name changed from SHTHPV1 to SHTHPV2. See the 2012 Variable Layout for more information.

Ever received HPV shot/vaccine

<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>
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</table>

<table>
<thead>
<tr>
<th>Question ID: AAU.448_00.010</th>
<th>Instrument Variable Name: SHHPVDOS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Final Documentation Name: SHHPVDOS</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 SHTHPV2='1'

| Description: Sample adults aged 18-64 years who received an HPV shot |

Sources: None
Recodes: None
Keywords: HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL
Notes: In 2010, this variable was located in the Cancer Screening Section (NAF) on the Sample Adult Cancer file. See the 2012 Variable Layout for more information.

Number of HPV shots received

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</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>
How old were you when you received your first HPV shot?

Universe: ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999')) and SHTHPV2='1'

Description: Sample adults aged 18-64 years who received an HPV shot

Sources: None

Recodes: None

Keywords: HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL

Notes: 2013 supplement question

Age at first HPV shot

<table>
<thead>
<tr>
<th>Code</th>
<th>Value</th>
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<tbody>
<tr>
<td>008-064</td>
<td>8-64 years</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</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?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; liver

Notes: 2008 Supplement question

Ever told you had any kind of chronic/long-term liver condition

<table>
<thead>
<tr>
<th>Code</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>
Question ID: AAU.460_00.010

Have you ever traveled outside of the United States to countries other than Europe, Japan, Australia, New Zealand or Canada, since 1995?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; travel
Notes: 2008 Supplement question


Ever traveled outside USA since 1995 (Excluding EUR, JPN, AUS, NZL, and CAN)

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

Question ID: AAU.465_00.010

Do you currently volunteer or work in a hospital, medical clinic, doctor's office, dentist's office, nursing home or some other health-care facility? This includes emergency responders and public safety personnel, part-time and unpaid work in a health care facility as well as professional nursing care provided in the home. [This includes non-health care professionals, such as administrative staff, who work in a health-care facility.]

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: healthcare facility; home care; work; volunteer; emergency responder; safety personnel
Notes: 2009 Supplement question. In 2012, the variable name changed from WRKHLTH to WRKHLTH2. See the 2012 Variable Layout for more information.

Work or volunteer in a health care setting

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
### Question ID: AAU.470_00.010

**Instrument Variable Name:** WRKDIR  
**Final Documentation Name:** WRKDIR

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

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

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

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

<table>
<thead>
<tr>
<th>Direct contact with patients</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. In 2014, APSBPCH1 replaced APSBPCHK due to a modification to the universe and new “fill instructions”. Both variables were included on the in-house file but only APSBPCH1 was included on the Public Use file. In 2015, the “fill instructions” were deleted and the universe changed back to the universe used from 2011 through 2013. Therefore, for 2015 and onward, the variable APSBPCHK has replaced APSBPCH1 and is comparable to the variable of the same name shown in 2011 through 2013. See the 2014 Variable Layout for more information.

<table>
<thead>
<tr>
<th>Blood pressure checked by doctor/nurse/health professional, 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>
**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. In 2014, APSCHCH1 replaced APSCHCHK due to a modification to the universe and new “fill instructions”. Both variables were included on the in-house file but only APSCHCH1 was included on the Public Use file. In 2015, the “fill instructions” were deleted and the universe changed back to the universe used from 2011 through 2013. Therefore, for 2015 and onward, the variable APSCHCHK has replaced APSCHCH1 and is comparable to the variable of the same name shown in 2011 through 2013. See the 2014 Variable Layout for more information.

<table>
<thead>
<tr>
<th>Cholesterol checked by doctor/nurse/health professional, 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>
**2017 NATIONAL HEALTH INTERVIEW SURVEY**
Sample Adult

samadult : Adult Access to Health Care & Utilization
PUBLIC USE

Document Version Date: 18-Jun-18

---

**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. In 2014, additional blood pressure and cholesterol screening questions were included in the ACN section, and for most sample adults, APSBPCHK and APSCHCHK were not asked directly. As a result, in 2014, APSBSCHK generally followed WRKHLTH or WRKDIR rather than the two screening questions. The variable name was changed from APSBSCHK to APSBSCH1 to reflect this change. Both variables were included on the in-house file but only APSBSCH1 was included on the Public Use file. In 2015 and onward, APSBSCHK follows the blood pressure and cholesterol screening questions. Therefore, for 2015 and onward, the variable APSBSCHK has replaced APSBSCH1 and is comparable to the variable of the same name shown in 2011 through 2013. See the 2014 Variable Layout for more information.

Fasting test for high blood sugar/diabetes, 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>

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**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?**

[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

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you had a Mammogram DURING THE PAST 12 MONTHS?

[A mammogram is an x-ray of each breast to look for breast cancer.]

Universe: ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2'

Description: Female sample adults aged 30+ years

Sources: None

Recodes: None

Keywords: access; source; mammogram; mammography

Notes: 2011 Supplement question

Test for colon cancer, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your diet?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; diet
Notes: 2011 Supplement question

Doctor/health professional talked to you about diet, past 12 m

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

DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your smoking?

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

Description: Sample adults aged 18+ years who currently smoke every day or some days

Sources: None
Recodes: None
Keywords: access; source; smoke; smoking; cigarettes; tobacco
Notes: 2011 Supplement question

Doctor/health professional talked to you about smoking, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2017 NATIONAL HEALTH INTERVIEW SURVEY
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 18-Jun-18

**Question ID:** AAU.600_00.010  
**Instrument Variable Name:** AINDINS  
**Final Documentation Name:** AINDINS2

**DURING THE PAST 3 YEARS, did you try to purchase health insurance directly, that is, not through any employer, union, or government program? Please include insurance you tried to purchase through Healthcare.gov or the [Fill1: Health Insurance Marketplace/Fill2: Health Insurance Marketplace, such as (fill: state exchange name)].**

**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. In 2015, the question text was modified and “fill instructions” were added. The variable name changed from AINDINS to AINDINS2.

**Tried to purchase health insurance directly, past 3 yrs**

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

**Question ID:** AAU.600_00.020  
**Instrument Variable Name:** AINDPRCH  
**Final Documentation Name:** AINDPRCH

**Was a plan purchased?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AINDINS2='1'

**Description:** Sample adults aged 18+ years who tried to purchase health insurance directly in the past 3 years

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health insurance, health care coverage; health plan

**Notes:** 2011 Supplement question

**Purchased health insurance directly, past 3 yrs**

- 1  Yes
- 2  No
- 7  Refused
- 8  Not ascertained
- 9  Don’t know
### Sample Adult

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

**PUBLIC USE**

**Document Version Date**: 18-Jun-18

---

**Question ID**: AAU.600_00.030  
**Instrument Variable Name**: AINDWHO  
**Final Documentation Name**: AINDWHO

**Was this plan for yourself, someone else in your family, or both?**

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

**Description**: Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Self</td>
</tr>
<tr>
<td>2</td>
<td>Someone else in family</td>
</tr>
<tr>
<td>3</td>
<td>Both</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

**Notes**: 2011 Supplement question

---

**Question ID**: AAU.600_00.040  
**Instrument Variable Name**: AINDDIF1  
**Final Documentation Name**: AINDDIF1

**How difficult was it to find a plan with the type of coverage you needed? Would you say…**

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

**Description**: Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

<table>
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<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
</tr>
<tr>
<td>3</td>
<td>Not at all difficult</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

**Notes**: 2011 Supplement question
Question ID: AAU.600_00.050  
Instrument Variable Name: AINDDIF2  
Final Documentation Name: AINDDIF2

How difficult was it to find a plan you could afford? Would you say…

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

Description: Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

Sources: None
Recodes: None
Keywords: access; source; health insurance; health care coverage; health plan
Notes: 2011 Supplement question

How difficult to find affordable health insurance, past 3 yrs

1 Very difficult
2 Somewhat difficult
3 Not at all difficult
7 Refused
8 Not ascertained
9 Don't know

Question ID: AAU.605_00.010  
Instrument Variable Name: AEXCHNG  
Final Documentation Name: AEXCHNG

Have you looked into purchasing health insurance coverage through the [Fill: Health Insurance Marketplace/Health Insurance Marketplace, such as [fill: state exchange name]]?

Universe: ASTATFLG = '1' and ('018' <=AGE<='064' and AGE not IN ('997','999'))

Description: Sample adults aged 18-64 years

Sources: None
Recodes: None
Keywords: access; source; health care coverage; health plan; health insurance marketplace
Notes: 2013 Supplement question. Fielded in Q4 only. For 2014 and beyond, fielded in all four quarters. See the 2013 Variable Layout for more information.

Looked into purchasing health insurance through Healthcare.gov or Marketplace

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
The following questions are about your experiences with health care providers in the past year.

Some people think it is important for their providers to understand or share their race or ethnicity or gender or religion or beliefs or native language. How important is it to you that your health care providers understand or are similar to you in any of these ways? Would you say...

*Read answer categories below.

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AMDLONGR IN('1', '2')</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults 18+ who have seen a doctor in the past 12 months</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sources:</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes:</td>
<td>None</td>
</tr>
<tr>
<td>Keywords:</td>
<td>access; health care provider; cultural competence; cultural congruence</td>
</tr>
<tr>
<td>Notes:</td>
<td>2017 supplement question</td>
</tr>
</tbody>
</table>

**Important for providers to understand/share culture**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>Very important</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat important</td>
</tr>
<tr>
<td>3</td>
<td>Slightly important</td>
</tr>
<tr>
<td>4</td>
<td>Not important 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: AAU.610_00.020
Instrument Variable Name: CLAS2
Final Documentation Name: CLAS2

How often were you able to see health care providers who were similar to you in any of these ways? Would you say…

*Read answer categories below.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AMDLONGR IN('1','2')) and (CLAS1 IN('1','2','3'))

Description: Sample adults 18+ who have seen a doctor in the past 12 months and think it is at least slightly important that health care providers share their culture

Sources: None
Recodes: None
Keywords: access; health care provider; cultural competence; cultural congruence
Notes: 2017 supplement question

How often able to see providers who share culture

1 Always
2 Most of the time
3 Some of the time
4 None of the time
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** AAU.610_00.030  
**Instrument Variable Name:** CLAS3  
**Final Documentation Name:** CLAS3

How often were you treated with respect by your health care providers?

Would you say…

*Read answer categories.*

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AMDLONGR IN('1','2')  
**Description:** Sample adults 18+ who have seen a doctor in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** access; health care provider; cultural competence; respect  
**Notes:** 2017 supplement question

How often treated w/ respect by providers

1. Always  
2. Most of the time  
3. Some of the time  
4. None of the time  
7. Refused  
8. Not ascertained  
9. Don't know
How often did your health care providers ask for your opinions or beliefs about your medical care or treatment? For example, what kind of tests, procedures, or medications you prefer. Would you say…

*Read answer categories below if necessary.

Universe: A STATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AMDLONGR IN('1','2')

Description: Sample adults 18+ who have seen a doctor in the past 12 months

Sources: None

Recodes: None

Keywords: access; health care provider; cultural competence; preference

Notes: 2017 supplement question

How often providers ask opinions/beliefs about care

1 Always
2 Most of the time
3 Some of the time
4 None of the time
7 Refused
8 Not ascertained
9 Don't know
How often did your health care providers tell or give you information about your health and health care that was easy to understand?

Would you say…

*Read answer categories below if necessary.

How often providers give information easy to understand

1 Always
2 Most of the time
3 Some of the time
4 None of the time
7 Refused
8 Not ascertained
9 Don't know
These questions are about you and your neighborhood.

How often do you use a computer?

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

Description: Sample adults 18+

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

How often do you use a computer
1 Never or almost never
2 Some days
3 Most days
4 Every day
7 Refused
8 Not ascertained
9 Don't know

In general, how satisfied are you with the health care you received in the past 12 months?

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: health care
Notes: None

How satisfied with health care, past 12 mo
1 Very satisfied
2 Somewhat satisfied
3 Somewhat dissatisfied
4 Very dissatisfied
5 You haven't had health care in the past 12 months
7 Refused
8 Not ascertained
9 Don't know
Question ID: ASI150_00.000

Instrument Variable Name: ACITENUR

Final Documentation Name: ASITENUR

About how long have you lived in your present neighborhood?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: neighborhood; tenure

Notes: None

Length of time living in neighborhood

1. Less than 1 year
2. 1-3 years
3. 4-10 years
4. 11-20 years
5. More than 20 years
6. Refused
7. Not ascertained
8. Don't know
How much do you agree or disagree with the following statements about your neighborhood?

People in this neighborhood help each other out.

Would you say…

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: residence; neighborhood; neighborhood attachment

Notes: None

Agree/disagree…people in neighborhood help each other

1  Definitely agree
2  Somewhat agree
3  Somewhat disagree
4  Definitely disagree
7  Refused
8  Not ascertained
9  Don't know
How much do you agree or disagree with the following statements about your neighborhood?

There are people I can count on in this neighborhood.

Would you say…

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: residence; neighborhood; neighborhood attachment

Notes: None

Agree/disagree…people I count on in neighborhood

1  Definitely agree
2  Somewhat agree
3  Somewhat disagree
4  Definitely disagree
7  Refused
8  Not ascertained
9  Don't know
How much do you agree or disagree with the following statements about your neighborhood?

People in this neighborhood can be trusted.

Would you say…

Agree/disagree…people in neighborhood can be trusted

<table>
<thead>
<tr>
<th></th>
<th>Definitely agree</th>
<th>Somewhat agree</th>
<th>Somewhat disagree</th>
<th>Definitely disagree</th>
<th>Refused</th>
<th>Not ascertained</th>
<th>Don't know</th>
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</tbody>
</table>
How much do you agree or disagree with the following statements about your neighborhood?

This is a close-knit neighborhood.

Would you say...

<table>
<thead>
<tr>
<th>Agree/disagree…close-knit neighborhood</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<td>9</td>
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</tbody>
</table>

Which of the following best represents how you think of yourself?

<table>
<thead>
<tr>
<th>How you think of yourself (sexual orientation; male)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<td>3</td>
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<td>5</td>
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<td>7</td>
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<tr>
<td>8</td>
</tr>
</tbody>
</table>
Which of the following best represents how you think of yourself?

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

**Description:** Female sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** Sexual orientation

**Notes:** None

**Test:** Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

How do you think of yourself (sexual orientation; female)

1. Lesbian or gay
2. Straight, that is, not lesbian or gay
3. Bisexual
4. Something else
5. I don't know the answer
6. Refused
7. Not ascertained

---

The next questions ask how worried you are right now about financial matters.

How worried are you right now about not having enough money for retirement? Are you…

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

**Description:** Sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** worry; finance; retirement

**Notes:** None

How worried are you about…money for retirement

1. Very worried
2. Moderately worried
3. Not too worried
4. Not worried at all
5. Refused
6. Not ascertained
7. Don't know
Question ID: ASL270_00.000
Instrument Variable Name: ACIMEDC
Final Documentation Name: ASIMEDC

How worried are you right now about not being able to pay medical costs of a serious illness or accident? Are you...

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

Sources: None
Recodes: None
Keywords: worry; finance; medical cost
Notes: None

How worried are you about…medical costs of illness/accident

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know

Question ID: ASL280_00.000
Instrument Variable Name: ACISTLV
Final Documentation Name: ASISTLV

How worried are you right now about not being able to maintain the standard of living you enjoy? Are you...

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

Sources: None
Recodes: None
Keywords: worry; finance; standard of living
Notes: None

How worried are you about…maintaining standard of living

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know
2017 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult: Adult Selected Items  
PUBLIC USE  
Document Version Date: 18-Jun-18

Question ID: ASL290_00.000  
Instrument Variable Name: ACICNHC  
Final Documentation Name: ASICNHC

How worried are you right now about not being able to pay medical costs for normal healthcare? Are you...

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

How worried are you about…medical costs of healthcare

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
7 Refused
8 Not ascertained
9 Don't know

Question ID: ASL300_00.000  
Instrument Variable Name: ACICCOLL  
Final Documentation Name: ASICCOLL

How worried are you right now about not having enough money to pay for your children's college? Are you...

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+
Sources: None  
Recodes: None  
Keywords: worry; finance; children's college  
Notes: None

How worried are you about…paying for children's college

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
5 This does not apply to me
7 Refused
8 Not ascertained
9 Don't know
### How worried are you right now about not having enough to pay your normal monthly bills? Are you…

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

**Description:** Sample adults 18+

<table>
<thead>
<tr>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very worried</td>
</tr>
<tr>
<td>2</td>
<td>Moderately worried</td>
</tr>
<tr>
<td>3</td>
<td>Not too worried</td>
</tr>
<tr>
<td>4</td>
<td>Not worried 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>

### How worried are you about…paying monthly bills

**Question ID:** ASL310_00.000  
**Instrument Variable Name:** ACINBILL  
**Final Documentation Name:** ASINBILL

How worried are you about…paying monthly bills

<table>
<thead>
<tr>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very worried</td>
</tr>
<tr>
<td>2</td>
<td>Moderately worried</td>
</tr>
<tr>
<td>3</td>
<td>Not too worried</td>
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<tr>
<td>4</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### How worried are you right now about not being able to pay your rent, mortgage, or other housing costs? Are you…

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

**Description:** Sample adults 18+

<table>
<thead>
<tr>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very worried</td>
</tr>
<tr>
<td>2</td>
<td>Moderately worried</td>
</tr>
<tr>
<td>3</td>
<td>Not too worried</td>
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<td>4</td>
<td>Not worried at all</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

How worried are you about…paying rent/mortgage/housing costs

<table>
<thead>
<tr>
<th>Score</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Very worried</td>
</tr>
<tr>
<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How worried are you right now about not being able to make the minimum payments on your credit cards? Are you…

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: worry; finance; credit card

Notes: None

How worried are you about...credit card payments

1 Very worried
2 Moderately worried
3 Not too worried
4 Not worried at all
5 I don't have credit cards
7 Refused
8 Not ascertained
9 Don't know

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 18+

Sources: None

Recodes: None

Keywords: sleep

Notes: This variable appeared in 2004-2012 in the Adult Health Behaviors Section (AHB) on the Sample Adult file (SLEEP, AHB.210_00.000).


Hours of sleep

01-24 1-24 hours
97 Refused
98 Not ascertained
99 Don't know
### In the past week, how many times did you have trouble falling asleep?

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

**Description:** Sample adults 18+

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Did not have trouble falling asleep in the past week</td>
</tr>
<tr>
<td>01-06</td>
<td>1-6 times</td>
</tr>
<tr>
<td>07</td>
<td>7 or more times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### In the past week, how many times did you have trouble staying asleep?

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

**Description:** Sample adults 18+

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>00</td>
<td>Did not have trouble staying asleep in the past week</td>
</tr>
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<td>01-06</td>
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<td>07</td>
<td>7 or more times</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
In the past week, how many times did you take medication to help you fall asleep or stay asleep?

<table>
<thead>
<tr>
<th># times taking medication for sleep, past week</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
</tr>
<tr>
<td>01-06</td>
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<td>07</td>
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</table>

In the past week, on how many days did you wake up feeling well rested?

<table>
<thead>
<tr>
<th>Days woke up feeling rested, past week</th>
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<tbody>
<tr>
<td>00</td>
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<tr>
<td>01-07</td>
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<td>97</td>
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<tr>
<td>99</td>
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</table>
DURING THE PAST 30 DAYS, how often did you feel...so sad that nothing could cheer you up?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: depression; sadness; feeling; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (SAD, ACN.471_01.000).

So sad nothing cheers you up, past 30 days

1 ALL of the time
2 MOST of the time
3 SOME of the time
4 A LITTLE of the time
5 NONE of the time
7 Refused
8 Not ascertained
9 Don't know
During the PAST 30 DAYS, how often did you feel... nervous?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: nervous; feeling; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (NERVOUS, ACN.471_02.000).

How often felt nervous, past 30 days

1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
7. Refused
8. Not ascertained
9. Don't know
During the PAST 30 DAYS, how often did you feel restless or fidgety?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: restless; fidgety; feeling mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (RESTLESS, ACN.471_03.000)

How often restless/fidgety, past 30 days

1. ALL of the time
2. MOST of the time
3. SOME of the time
4. A LITTLE of the time
5. NONE of the time
7. Refused
8. Not ascertained
9. Don't know
During the PAST 30 DAYS, how often did you feel...hopeless?

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: depression; hopeless; feeling; mental health
Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (HOPELESS, ACN.471_04.000)

How often felt hopeless, past 30 days

1 ALL of the time
2 MOST of the time
3 SOME of the time
4 A LITTLE of the time
5 NONE of the time
7 Refused
8 Not ascertained
9 Don't know
During the PAST 30 DAYS, how often did you feel
...that everything was an effort?

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

Sources: None
Recodes: None
Keywords: lack vitality; effort; feeling; mental health
Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (EFFORT, ACN.471_05.000)

How often felt everything was an effort, past 30 days

1 ALL of the time
2 MOST of the time
3 SOME of the time
4 A LITTLE of the time
5 NONE of the time
7 Refused
8 Not ascertained
9 Don't know
During the PAST 30 DAYS, how often did you feel...worthless?

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: worthless; depressed; feelings; mental health
Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (WORTHLS, ACN.471_06.000)

How often felt worthless, past 30 days

1   ALL of the time
2   MOST of the time
3   SOME of the time
4   A LITTLE of the time
5   NONE of the time
7   Refused
8   Not ascertained
9   Don't know
We just talked about a number of feelings you had during the PAST 30 DAYS. Altogether, how MUCH did these feelings interfere with your life or activities: a lot, some, a little, or not at all?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (ASISAD IN('1','2','3') or ASINERV IN('1','2','3') or ASIRSTLS IN('1','2','3') or ASIHOPLS IN('1','2','3') or ASIEFFRT IN('1','2','3') or ASIWTLS IN('1','2','3'))

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

Sources: None

Recodes: None

Keywords: feelings; detrimental; mental health

Notes: This variable appeared in 1997-2012 in the Adult Conditions Section (ACN) on the Sample Adult file (MHAMTMO, ACN.530_00.000)

Feelings interfered w/ life, past 30 days

1 A lot
2 Some
3 A little
4 Not at all
7 Refused
8 Not ascertained
9 Don't know
The next question is about the test for HIV, the virus that causes AIDS. Except for tests you may have had as part of blood donations, have you ever been tested for HIV?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: access; AIDS test; HIV test; blood test

Notes: 2013 permanent variable. In 2012, this variable was located in the Adult Access to Health Care & Utilization Section (AAU) on the Sample Adult file (HIVST1, AAU.700_00.000).

Test: Find testing evaluation report at [https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](https://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**Ever been tested for HIV**

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
I am going to show you a list of reasons why some people have not been tested for HIV (the virus that causes AIDS). Which one of these would you say is the MAIN reason why you have not been tested?

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

Description:  
Sample adults 18+ who have never been tested for HIV

Sources: None
Recodes: None
Keywords: AIDS test; HIV test; blood test
Notes: This variable had appeared in 2001-2009 in the AIDS Knowledge & Attitudes Section (ADS) on the Sample Adult file (WHYTST_R, ADS.050_00.000).

Main reason not tested for HIV

01 It's unlikely you've been exposed to HIV
02 You were afraid to find out if you were HIV positive (that you had HIV)
03 You didn't want to think about HIV or about being HIV positive
04 You were worried your name would be reported to the government if you tested positive
05 You didn't know where to get tested
06 You don't like needles
07 You were afraid of losing job, insurance, housing, friends, family, if people knew you were positive for AIDS infection
08 Some other reason
09 No particular reason
97 Refused
98 Not ascertained
99 Don't know
Now I am going to ask you about some health services you may have used.

**DURING THE PAST 12 MONTHS, did you see a practitioner for naturopathy (nay-chur-AH-puh-thee)?**

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

Description: Sample adults 18+

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

| Saw a practitioner for naturopathy, past 12 months |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 1               | Yes             | 2               | No              | 7               | Refused         |
| 8               | Not ascertained | 9               | Don't know      |                 |                 |

**Question ID:** ACH.010_00.000  
**Instrument Variable Name:** NAT_USM1  
**Final Documentation Name:** NAT_USM1

---

*Read if necessary: DURING THE PAST 12 MONTHS*

**... did you see a practitioner for chelation (key-LAY-shun) therapy?**

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

Description: Sample adults 18+

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

| Saw a practitioner for chelation therapy, past 12 months |
|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| 1               | Yes             | 2               | No              | 7               | Refused         |
| 8               | Not ascertained | 9               | Don't know      |                 |                 |

**Question ID:** ACH.020_00.000  
**Instrument Variable Name:** CHE_USM1  
**Final Documentation Name:** CHE_USM1
2017 NATIONAL HEALTH INTERVIEW SURVEY  
Sample Adult  
samadult : Adult Complementary Health  
PUBLIC USE  
Document Version Date: 18-Jun-18

**Question ID:** ACH.030_00.000  
Instrument Variable Name: TRD_USM1  
Final Documentation Name: TRD_USM1

* [FI]  

* Read if necessary: DURING THE PAST 12 MONTHS

... did you see a practitioner for traditional medicine such as a Shaman (SHAH-man), curandero (coo-rahn-DEHR-oh), Yerbero (yehr-BEHR-oh), sobador (so-bah-DOHR), or Native American Healer?

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

Description: Sample adults 18+

Sources: None  
Recodes: None  
Keywords: Traditional medicine; Shaman; Curandero; Yerbero, Sobador, Native American Healer  
Notes: None

Saw a practitioner for Traditional Medicine, past 12 months

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

**Question ID:** ACH.040_01.000  
Instrument Variable Name: TRD_USM21-TRD_USM26  
Final Documentation Name: TR_USM21

DURING THE PAST 12 MONTHS, did you see...?  
A Shaman (SHAH-man)

Universes:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and TRD_USM1='1'

Description: Sample adults 18+ who have seen a traditional healer in the past 12 months

Sources: None  
Recodes: None  
Keywords: Traditional healer; Shaman  
Notes: None

Saw a Shaman, past 12 months

1 Mentioned  
2 Not mentioned  
7 Refused  
8 Not ascertained  
9 Don't know
DURING THE PAST 12 MONTHS, did you see...?
A Curandero (coo-rahn-DEHR-oh), Machi (MAH-chee), or Parchero (pahr-CHEH-rob)

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and TRD_USM1='1'

Description: Sample adults 18+ who have seen a traditional healer in the past 12 months

Saw a Curandero, Machi or Parchero, past 12 months
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

DURING THE PAST 12 MONTHS, did you see...?
A Yerbero (yehr-BEH-roh) or Hierbista (yehr-BEE-stah)

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and TRD_USM1='1'

Description: Sample adults 18+ who have seen a traditional healer in the past 12 months

Saw a Yerbero or Hierbista, past 12 months
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 12 MONTHS, did you see...?
A Sobador (so-bah-DOHR)

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and TRD_USM1='1'

Description: Sample adults 18+ who have seen a traditional healer in the past 12 months

Sources: None
Recodes: None
Keywords: Traditional healer; Sobador
Notes: None

Saw a Sobador, past 12 months
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

DURING THE PAST 12 MONTHS, did you see...?
A Native American Healer or Medicine man

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and TRD_USM1='1'

Description: Sample adults 18+ who have seen a traditional healer in the past 12 months

Sources: None
Recodes: None
Keywords: Traditional healer; Native American Healer; Medicine man
Notes: None

Saw a Native American Healer or Medicine Man, past 12 months
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACH.040_06.000  
**Instrument Variable Name:** TRD_USM21-TRD_USM26  
**Final Documentation Name:** TR_USM26

**DURING THE PAST 12 MONTHS, did you see...?**  
**Other (not previously listed) Traditional Healers**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and TRD_USM1='1'

**Description:** Sample adults 18+ who have seen a traditional healer in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** Traditional healer  
**Notes:** None

Other Traditional Healer, past 12 months

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

---

**Question ID:** ACH.050_00.000  
**Instrument Variable Name:** HOM_USM1  
**Final Documentation Name:** HOM_USM1

? [FI]

**Practitioners of homeopathy (ho-mee-AH-puh-thee) recommend small pills or drops that are often placed under the tongue to treat health problems.**

**DURING THE PAST 12 MONTHS, did you see a practitioner for homeopathic treatment?**

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

**Description:** Sample adults 18+

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

Saw a practitioner for homeopathy, past 12 months

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
DURING THE PAST 12 MONTHS, did you use

... Mantra Meditation, including Transcendental Meditation®, Relaxation Response, and Clinically Standardized Meditation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: Meditation; mantra meditation; transcendental meditation; clinically standardized meditation

Notes: None

Used mantra meditation, past 12 months

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<td>8</td>
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<td>9</td>
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</table>

DURING THE PAST 12 MONTHS, did you use

... Mindfulness meditation, including Vipassana (vih-PAS-sah-nah), Zen Buddhist meditation, Mindfulness-based Stress Reduction, and Mindfulness-based Cognitive Therapy?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: Meditation; mindfulness; Vipassana; Zen Buddhist meditation

Notes: None

Used mindfulness meditation, past 12 months

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**Question ID:** ACH.080_00.000  
Instrument Variable Name: MBO_SPR1  
Final Documentation Name: MBO_SPR1

? [FI]

* Read if necessary: DURING THE PAST 12 MONTHS, did you use

... Spiritual meditation including Centering Prayer and Contemplative Meditation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: Spiritual meditation; contemplative meditation; prayer

Notes: None

Used spiritual meditation, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know

**Question ID:** ACH.090_00.000  
Instrument Variable Name: MBO_IMG1  
Final Documentation Name: MBO_IMG1

? [FI]

* Read if necessary: DURING THE PAST 12 MONTHS, did you use

... Guided imagery?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: Guided imagery

Notes: None

Used guided imagery, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACH.100_00.000  
Instrument Variable Name: MBO_PRO1  
Final Documentation Name: MBO_PRO1

? [F1]

* Read if necessary: DURING THE PAST 12 MONTHS, did you use

... Progressive relaxation?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None  
Recodes: None  
Keywords: Progressive relaxation  
Notes: None

Used progressive relaxation, past 12 months

1   Yes  
2   No  
7   Refused  
8   Not ascertained  
9   Don't know

Question ID: ACH.110_00.000  
Instrument Variable Name: YTQU_YG1  
Final Documentation Name: YTQU_YG1

? [F1]

DURING THE PAST 12 MONTHS, did you practice Yoga for yourself?

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))
Description: Sample adults 18+

Sources: None  
Recodes: None  
Keywords: Yoga  
Notes: None

Practiced yoga, past 12 months

1   Yes  
2   No  
7   Refused  
8   Not ascertained  
9   Don't know
Did you do breathing exercises as part of Yoga? Breathing exercises may involve actively controlling the way air is drawn in, or the rate or depth of breathing.

Universe: \(\text{ASTATFLG} = '1'\) and \((\text{AGE} \geq '018'\) and \(\text{AGE} \not\in (997,999)\)) and \(\text{YTQU}_YG1='1'\)

Description: Sample adults 18+ who have practiced Yoga in the past 12 months

Sources: None

Recodes: None

Keywords: Yoga; breathing exercises

Notes: None

Did breathing exercises as part of yoga

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know

Did you do meditation as part of Yoga?

Universe: \(\text{ASTATFLG} = '1'\) and \((\text{AGE} \geq '018'\) and \(\text{AGE} \not\in (997,999)\)) and \(\text{YTQU}_YG1='1'\)

Description: Sample adults 18+ who have practiced Yoga in the past 12 months

Sources: None

Recodes: None

Keywords: Yoga meditation

Notes: None

Did meditation as part of yoga

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: ACH.140_00.000  
Instrument Variable Name: YTQU_TA1  
Final Documentation Name: YTQU_TA1

? [FI]

DURING THE PAST 12 MONTHS, did you practice Tai Chi (tie-CHEE) for yourself?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: Tai chi

Notes: None

Did breathing exercises as part of Tai Chi?

Breathing exercises may involve actively controlling the way air is drawn in, or the rate or depth of breathing.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and YTQU_TA1='1'

Description: Sample adults 18+ who have practiced Tai-Chi in the past 12 months

Sources: None

Recodes: None

Keywords: Tai chi; breathing exercises

Notes: None
Did you do meditation as part of Tai-Chi?

Universe: \(\text{ASTATFLG} = '1' \text{ and } \text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999') \) and YTQU_TA1='1'

Description: Sample adults 18+ who have practiced Tai-Chi in the past 12 months

Sources: None
Recodes: None
Keywords: Tai chi; meditation
Notes: None

Did meditation as part of tai chi

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

? [FI]

DURING THE PAST 12 MONTHS, did you practice Qi Gong (chee-GONG) for yourself?

Universe: \(\text{ASTATFLG} = '1' \text{ and } \text{AGE} \geq '018' \text{ and } \text{AGE} \not\in ('997','999'))

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: Qi gong
Notes: None

Practiced qi gong, past 12 months

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACH.180_00.000  
**Instrument Variable Name:** YTQ_BTQ1  
**Final Documentation Name:** YTQ_BTQ1

**Did you do breathing exercises as part of Qi Gong?** Breathing exercises may involve actively controlling the way air is drawn in, or the rate or depth of breathing.

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and YTQU_QG1='1'

**Description:** Sample adults 18+ who have practiced Qi Gong in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** Qi gong; breathing exercises  
**Notes:** None

**Did breathing exercises as part of qi gong**

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know

---

**Question ID:** ACH.190_00.000  
**Instrument Variable Name:** YTQ_MDQ1  
**Final Documentation Name:** YTQ_MDQ1

**Did you do meditation as part of Qi Gong?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and YTQU_QG1='1'

**Description:** Sample adults 18+ who have practiced Qi Gong in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** Qi Gong; meditation  
**Notes:** None

**Did meditation as part of qi gong**

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
The next questions are about your Internet and email use.

Do you use the Internet?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults 18+

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<tr>
<td>9</td>
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</tr>
</tbody>
</table>

How often do you use the Internet?

*Read if necessary: How many times per day, per week, per month, or per year do you use the Internet?

*Enter number.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AWEBUSE = '1'

Description: Sample adults 18+ who use the Internet

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<thead>
<tr>
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### Question 1: Internet Use Frequency

**Question ID:** AWB.020_02.000  
**Instrument Variable Name:** AWEBOFTP  
**Final Documentation Name:** AWEBOFTP  

*Enter time period for how often Internet is used.*

- **Universe:**  
  ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ('001'<=AWEBOFNO<='995')

- **Description:** Sample adults 18+ who use the Internet and gave a valid value for the number portion of this question.

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<tr>
<td>8</td>
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<td>9</td>
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</table>

### Question 2: Email Use

**Question ID:** AWB.030_00.000  
**Instrument Variable Name:** AWEBEML  
**Final Documentation Name:** AWEBEML  

**Do you send or receive emails?**

- **Universe:**  
  ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

- **Description:** Sample adults 18+.

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</table>
**Question ID:** AWB.050_01.000  
**Instrument Variable Name:** AWEBMNO  
**Final Documentation Name:** AWEBMNO

### 1 of 2

**How often do you check this email account?**

*Read if necessary: How many times per day, per week, per month, or per year do you check this email account?*

*Enter number.

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and provided a valid email address

**Description:** Sample adults 18+ who gave an email address

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**Notes:** None

**Keywords:** email use frequency

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<td>7 Refused</td>
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<td>9 Don't know</td>
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**Question ID:** AWB.050_02.000  
**Instrument Variable Name:** AWEBMTP  
**Final Documentation Name:** AWEBMTP

### 2 of 2

**Enter time period for how often email is checked.**

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and provided a valid email address and ('001'<=AWEBMNO<='995')

**Description:** Sample adults 18+ who gave an email address and gave a valid value for the number portion of this question

**Sources:** None

**Recodes:** None

**Keywords:** email use frequency

**Notes:** None
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Professional, Scientific, and Technical Services Industries
Management of Companies and Enterprises Industries
Administrative and Support and Waste Management and Remediation Services Industries
Education Services Industries
Health Care and Social Assistance Industries
Ambulatory health care services
Hospitals
Nursing and residential care facilities
Social assistance
Arts, Entertainment, and Recreation Industries
Performing arts, spectator sports, and related industries
Museums, historical sites, and similar institutions
Amusement, gambling, and recreation industries
Accommodation and Food Services Industries
Accommodation
Food services and drinking places
Other Services (except Public Administration) Industries
Repair and maintenance
Personal services (barber shops, beauty salons, nail salons, laundry, funeral homes and cemeteries)
Religious, grantmaking, civic, labor, professional, and similar organizations
Private households
Public Administration Industries
Armed Forces
Refused, classified
Not ascertained
Don't know
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Note: Column 1 shows the 4-digit Census Industry codes; these are NOT available on NHIS public use files but are available through the NCHS Research Data Center. Column 2 shows the 2-digit recodes that are available on the NHIS public use files, and Column 3 shows the response labels for these recodes. 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 and the Bureau of Labor Statistics. For additional supplemental information on these Industry Sectors and Subsectors, please copy and paste this link into your browser:
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<td>Architecture and Engineering Occupations</td>
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<td>Drafters, engineering, and mapping technicians</td>
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<td>Other teachers and instructors</td>
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<td>Librarians, curators, and archivists</td>
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<td>Healthcare Practitioners and Technical Occupations</td>
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<td>Occupational and physical therapist assistants and aides</td>
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Note: <Blank: Not in Universe>
### Numeric listing of Response Values and Labels for OCCUPN2 (simple occupation recode)

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<td>Building and Grounds Cleaning and Maintenance Occupations</td>
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Note: Column 1 shows the 4-digit Census Occupation codes; these are NOT available on NHIS public use files but are available through the NCHS Research Data Center. Column 2 shows the 2-digit recodes that are available on the NHIS public use files, and Column 3 shows the response labels for these recodes. 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 copy and paste this link into your browser: