### Record Type

**Universe:**

**Description:**

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

### File type identifier

<table>
<thead>
<tr>
<th>File Type Identifier</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>10</td>
<td>Household</td>
</tr>
<tr>
<td>20</td>
<td>Person</td>
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<tr>
<td>25</td>
<td>Income Imputation</td>
</tr>
<tr>
<td>30</td>
<td>Sample Adult</td>
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<tr>
<td>38</td>
<td>Functioning and Disability</td>
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<td>40</td>
<td>Sample Child</td>
</tr>
<tr>
<td>60</td>
<td>Family</td>
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<td>63</td>
<td>Family Disability Questions</td>
</tr>
<tr>
<td>65</td>
<td>Paradata</td>
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<td>70</td>
<td>Injury/Poisoning Episode</td>
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<td>Injury/Poisoning Verbatim</td>
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### Survey Year

**Universe:**

**Description:**

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

**Year of Native Hawaiian and Pacific Islander Survey (NHPI)**

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<thead>
<tr>
<th>Year</th>
<th>Survey Year</th>
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<tbody>
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## Household Number

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

**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.

### Family Number

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

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

### Values

- **01-25**  
  Family number 1 - 25
### Question ID: IDN.000_40.000

**Instrument Variable Name:** FPX  
**Final Documentation Name:** FPX

**Person Number**

- **Universe:** All persons

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

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

### Person Number (Within family)

| 01-25 | Person number 1 thru 25 |

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

**Instrument Variable Name:**  
**Final Documentation Name:** WTFA_SA

**Universe:**  
**Description:**

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

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

**Weight - Final Annual**
<table>
<thead>
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<th>R13 RECODE</th>
<th>Instrument Variable Name:</th>
<th>Final Documentation Name: VAR_STR</th>
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<td>Notes</td>
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<th>Question ID</th>
<th>UCF.000_00.000</th>
<th>R14 RECODE</th>
<th>Instrument Variable Name:</th>
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<td>Description</td>
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<td>Sources</td>
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<td>Recodes</td>
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<tr>
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<td>Notes</td>
<td>Pseudo-PSU variable for variance estimation. Created by NCHS/ORM.</td>
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<td></td>
</tr>
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<td>Pseudo-PSU for variance estimation</td>
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<td></td>
<td>001-002</td>
<td>001-002</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Question ID: HHC.110_00.000

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

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

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

Sex

1 Male
2 Female
Please give me the number of the group that represents [your/ person's] Hispanic origin or ancestry.

Universe: AGE = All
Description: All persons

Sources: ORIGIN_I; HHC.180
Recodes: None
Keywords: ethnicity; national origin; ancestry

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

Hispanic subgroup detail

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

**Universe:**  AGE = All  
**Description:**  All persons  

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

<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>NHPI only</td>
</tr>
<tr>
<td>06</td>
<td>Multiple race</td>
</tr>
</tbody>
</table>

**Question ID:**  HHC.200_01.000  
**Instrument Variable Name:**  R13 RECODE  
**Final Documentation Name:**  RACERPI2
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 NHPI
- 17 Multiple race, no primary race selected
Question ID: HHC.420_00.000 R01 RECODE Instrument Variable Name:
Final Documentation Name: AGE_P

Recode

Universe: AGE = All
Description: All persons

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

Age

<table>
<thead>
<tr>
<th>Age</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>Under 1 year</td>
</tr>
<tr>
<td>01-74</td>
<td>1-74 years</td>
</tr>
<tr>
<td>75</td>
<td>75+ years</td>
</tr>
</tbody>
</table>

Question ID: FID.250_00.000 R01 RECODE Instrument Variable Name:
Final Documentation Name: MAR_STAT

Universe: AGE = ALL
Description: All persons

Sources: R_MARITL
Recodes: None
Keywords: marital status
Notes: None

Marital status

<table>
<thead>
<tr>
<th>Status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Under 14 years</td>
</tr>
<tr>
<td>1</td>
<td>Married</td>
</tr>
<tr>
<td>2</td>
<td>Widowed</td>
</tr>
<tr>
<td>3</td>
<td>Divorced or separated</td>
</tr>
<tr>
<td>4</td>
<td>Never married</td>
</tr>
<tr>
<td>5</td>
<td>Living with a partner</td>
</tr>
<tr>
<td>9</td>
<td>Unknown marital status</td>
</tr>
</tbody>
</table>
* 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

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

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

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

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

<table>
<thead>
<tr>
<th>Knowledgeable proxy for Sample Adult available</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>
What is this person's relationship to [fill: ALIAS of Sample Adult]?

Universe: PROX1 = '1'

Description: Knowledgeable proxy is available.

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

Relationship of SA proxy to SA

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:** DOINGLNA

**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:** DOINGLWA

**Recodes:** None

**Keywords:** working; employment

**Notes:** DOINGLNA is the ASD equivalent of DOINGLNP in the FSD section. For the majority of respondents, DOINGLNA and DOINGLNP should have the same values. Users wishing to reconcile any discrepant values are advised to use the values of DOINGLNA rather than DOINGLNP since this information was confirmed and corrected by the sample adult during his or her ASD interview.

**Corrected employment status last week**

1. Employed last week
2. Looking for work
3. 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 R01  
Instrument Variable Name: WHYNOWK2  
Final Documentation Name: WHYNOWNA

[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 DOINGLNA = '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: WHYNOWKA
Recodes: None
Keywords: not working; unemployed; retired; keeping house
Notes: WHYNOWNA is the ASD equivalent of WHYNOWNP in the FSD section. For the majority of respondents, WHYNOWNA and WHYNOWNP should have the same values. Users wishing to reconcile any discrepant values are advised to use the values of WHYNOWNA rather than WHYNOWNP since this information was confirmed and corrected by the sample adult during his or her ASD interview.

Main reason for not working last week
1. Taking care of house or family
2. Going to school
3. Retired
4. Disabled
5. Other
6. Refused
7. Not ascertained
8. Don't know

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

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

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

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

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

Ever worked
1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: ASD.080_00.000 R07 RECODE

Instrument Variable Name: INDSTRN3

Final Documentation Name: INDSTRN3

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 a 2-digit 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.

14-category industry recode (NHPI public use file)

01 Agriculture/Forestry/Fishing/Hunting/Mining/Utilities
02 Construction
03 Manufacturing
04 Wholesale Trade/Retail Trade
05 Transportation/Warehousing
06 Finance & Insurance/Real Estate, Rental & Leasing/Management of Companies & Enterprises
07 Information/Professional, Scientific, & Technical Services
08 Administration & Support & Waste Management & Remediation
09 Education Services
10 Health Care & Social Assistance
11 Accommodation & Food Services
12 Other Services (except Public Administration)
13 Public Administration
14 Other
97 Refused
98 Not ascertained
99 Don't know
Question ID: ASD.090_00.000 R07 RECODE

Instrument Variable Name:
Final Documentation Name: OCCUPN3

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 a 2-digit 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.

17-category occupation recode (NHPI public use file)

01 Management
02 Business & Financial Operations
03 Computer & Math/Architecture & Engineering/Life, Physical, & Social Science
04 Community & Social Services/Legal
05 Education, Training, & Library
06 Healthcare Practitioners & Technical/Healthcare Support
07 Protective Service
08 Food Preparation & Serving Related
09 Building, Grounds Cleaning & Maintenance
10 Personal Care & Service
11 Sales & Related
12 Office & Administrative Support
13 Farming, Fishing, & Forestry/Construction & Extraction
14 Installation, Maintenance, & Repair
15 Production
16 Transportation & Material Moving
17 Other
97 Refused
98 Not ascertained
99 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
Question ID: ASD.112_00.000
Instrument Variable Name: BUSINC
Final Documentation Name: BUSINC1A

Is this business incorporated?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and WRKCATA = '5'
Description: Sample adults aged 18+ years who are self-employed

Sources: None
Recodes: None
Keywords: work; self-employment
Notes: None

Current job an incorporated business

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
[If DOINGLWA eq <1,2,4>]: Thinking about this MAIN job or business, how many people work at this location? [Else if EVERWRK eq <1> and (WHYNOWKA eq '03' or AGE ge '065')]: Thinking about your last week at the job you held the longest, how many people worked at this location? [Else if EVERWRK eq <1> and (WHYNOWKA ne '03' and AGE lt '065')]: Thinking about your last week at the job you held most recently, how many people worked at this location?

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

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

Sources: None

Recodes: None

Keywords: work; employment; employees

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

Number of employees at work

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

**Instrument Variable Name:** YRSWRKPN

**Final Documentation Name:** YRSWRKPN

**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:** YRSWRKPA

**Recodes:** None

**Keywords:** work; job; employment duration

**Notes:** Not for public use release. The universe for this variable includes all persons who had ever worked as well as those who were currently working.

<table>
<thead>
<tr>
<th>Number of years on the job</th>
<th>Code</th>
</tr>
</thead>
<tbody>
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<td>Less than 1 year</td>
<td>00</td>
</tr>
<tr>
<td>01-33 years</td>
<td>01-33</td>
</tr>
<tr>
<td>34 or more years</td>
<td>34</td>
</tr>
<tr>
<td>Refused</td>
<td>97</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>98</td>
</tr>
<tr>
<td>Don't know</td>
<td>99</td>
</tr>
</tbody>
</table>

### Question ID: ASD.146_00.000

**Instrument Variable Name:** WRKLONGH

**Final Documentation Name:** WRKLONGH

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

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

**Sources:** None

**Recodes:** None

**Keywords:** work; job; employment duration

**Notes:** None

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

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

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

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

Paid by the hour at current or most recent job

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

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

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

Paid sick leave at current or most recent job

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

Do you have more than one job or business?

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

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

Have more than one job

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<tr>
<td>7</td>
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</table>
**Question ID:** ASD.210_00.000  
**Instrument Variable Name:** WRKLYR2  
**Final Documentation Name:** WRKLYR4

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

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

**Description:** 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.

**Work status: last week, past 12 months**

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<td>No job last week, no job past 12 months</td>
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</table>

**Question ID:** ACN.010_00.000  
**Instrument Variable Name:** HYPEV  
**Final Documentation Name:** HYPEV

**Now I am going to ask you about certain medical conditions. Have you EVER been told by a doctor or other health professional that you had... Hypertension, also called high blood pressure?**

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

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

**Sources:** None

**Recodes:** None

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

**Notes:** None

**Ever been told you have hypertension**

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<tr>
<th>Code</th>
<th>Description</th>
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<tr>
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</tbody>
</table>
**Question ID:** ACN.020_00.0000  
**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
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 05-Dec-16

Question ID: ACN.021_01.010
RECODE
Instrument Variable Name: HYBPCKNO
Final Documentation Name: HYBPCKNP

About how long has it been since 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 18+

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

Time since blood pressure checked: # of units

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Question ID: ACN.021_02.010
Instrument Variable Name: HYBPCKTP
Final Documentation Name: HYBPCKTP

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01'<=HYBPCKNO<='95')
Description: Sample adults 18+ who have had their blood pressure checked

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

Time since blood pressure checked: Time units

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<td>8</td>
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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:** hypertension; high blood pressure  
**Notes:** None

**Blood pressure level**

1. Not told  
2. High  
3. Normal  
4. Low  
5. Borderline  
7. Refused  
8. Not ascertained  
9. Don't know

---

**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 HYPMDEV2='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

<table>
<thead>
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<th>Now taking prescribed medicine for high blood pressure</th>
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</thead>
<tbody>
<tr>
<td>1  Yes</td>
</tr>
<tr>
<td>2  No</td>
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<tr>
<td>7  Refused</td>
</tr>
<tr>
<td>8  Not ascertained</td>
</tr>
<tr>
<td>9  Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ACN.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

<table>
<thead>
<tr>
<th>Ever told you had high cholesterol</th>
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</thead>
<tbody>
<tr>
<td>1  Yes</td>
</tr>
<tr>
<td>2  No</td>
</tr>
<tr>
<td>7  Refused</td>
</tr>
<tr>
<td>8  Not ascertained</td>
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<tr>
<td>9  Don't know</td>
</tr>
</tbody>
</table>
DURING THE PAST 12 MONTHS, have you had high cholesterol?

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

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

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

Had high cholesterol, past 12 months

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

About how long has it been since 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 18+

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

Time since cholesterol checked: # of units

00-12 0-12
13 13+
97 Refused
98 Not ascertained
99 Don't know
Question ID: ACN.023_02.010  Instrument Variable Name: CLCKTP
Final Documentation Name: CLCKTP

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01'<=CLCKNO<='95')

Description: Sample adults 18+ who have ever had their blood cholesterol checked

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

Time since cholesterol checked: Time units

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<tr>
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<th>Description</th>
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<tr>
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<td>Never</td>
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<td>Day(s)</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>

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

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<tr>
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<th>Description</th>
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<tr>
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<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
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 CHLMDEV2='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
Question ID: ACN.031_04.000
Instrument Variable Name: HRTEV
Final Documentation Name: HRTEV

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

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

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

Ever been told you had a heart condition/disease
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.031_05.000
Instrument Variable Name: STREV
Final Documentation Name: STREV

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

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

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

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

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

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

Ever been told you had emphysema

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

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

…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: knowledge; heart attack symptoms
Notes: None

Knowledge of heart attack symptoms…pain in jaw/neck/back

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+

Knowledge of heart attack symptoms...feeling weak

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+

Knowledge of heart attack symptoms...chest pain

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: knowledge; heart attack symptoms
Notes: None

Knowledge of heart attack symptoms…pain in arms/shoulder

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: knowledge; heart attack symptoms
Notes: None

Knowledge of heart attack symptoms…shortness of breath

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?**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>Advise them to drive to the hospital</td>
</tr>
<tr>
<td>2</td>
<td>Advise them to call their physician</td>
</tr>
<tr>
<td>3</td>
<td>Call 9-1-1 (or another emergency number)</td>
</tr>
<tr>
<td>4</td>
<td>Call spouse or family member</td>
</tr>
<tr>
<td>5</td>
<td>Other</td>
</tr>
<tr>
<td>6</td>
<td>Refused</td>
</tr>
<tr>
<td>7</td>
<td>Not ascertained</td>
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<td>8</td>
<td>Don't know</td>
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</tbody>
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**Which of the following would you say are the symptoms that someone may be having a stroke?**

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

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<tr>
<th>Option</th>
<th>Description</th>
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<tbody>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>3</td>
<td>Refused</td>
</tr>
<tr>
<td>4</td>
<td>Not ascertained</td>
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<td>5</td>
<td>Don't know</td>
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</tbody>
</table>
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: knowledge; stroke symptoms
Notes: None

Knowledge of stroke symptoms...sudden confusion/trouble speaking

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</table>

**Question ID:** ACN.033_02.020

**Instrument Variable Name:** SPEAKING

**Final Documentation Name:** SPEAKING

---

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: knowledge; stroke symptoms
Notes: None

Knowledge of stroke symptoms...sudden trouble seeing

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<td>Don't know</td>
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**Question ID:** ACN.033_03.030

**Instrument Variable Name:** EYE

**Final Documentation Name:** EYE
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.

**Question ID:** ACN.033_04.040  
**Instrument Variable Name:** WALKING  
**Final Documentation Name:** WALKING

*Read if necessary:

**Knowledge of stroke symptoms...sudden trouble walking**

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**Question ID:** ACN.033_05.050  
**Instrument Variable Name:** HEADACHE  
**Final Documentation Name:** HEADACHE

*Read if necessary:

**Knowledge of stroke symptoms...sudden severe headache**

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</table>
**Question ID:** ACN.033_06.060  
**Instrument Variable Name:** ASTDO  
**Final Documentation Name:** ASTDO

*(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+

**Sources:** None  
**Recodes:** None  
**Keywords:** knowledge; stroke symptoms  
**Notes:** None

Best thing to do when 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.035_00.000  
**Instrument Variable Name:** COPDEV  
**Final Documentation Name:** COPDEV

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

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

**Description:** Sample adults 18+

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

Ever been told you had COPD

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
### Question ID: ACN.040_00.010

**Instrument Variable Name:** ASPMEDEV

**Final Documentation Name:** ASPMEDEV

**Question:** 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

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<thead>
<tr>
<th>Ever been told to take low-dose aspirin</th>
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### Question ID: ACN.040_00.020

**Instrument Variable Name:** ASPMEDAD

**Final Documentation Name:** ASPMEDAD

**Question:** 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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Did a doctor or other health professional advise you to stop taking a low-dose aspirin every day?

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

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

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

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

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

* 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

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

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

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

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

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

**Ever been told you had asthma**

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### Do you still have asthma?

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

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

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

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

**Still have asthma**

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<td>Don't know</td>
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Question ID: ACN.090_00.000
Instrument Variable Name: AASMYS
Final Documentation Name: AASMYS

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

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

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

Had an asthma episode/attack past 12 m

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

---

Question ID: ACN.100_00.000
Instrument Variable Name: AASMERY
Final Documentation Name: AASMERY

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

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

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

Had visit to ER due to asthma past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Have you EVER been told by a doctor or other health professional that you had...An ulcer? This could be a stomach, duodenal or peptic ulcer.

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

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

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<th>Ever been told you have an ulcer</th>
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**Question ID:** ACN.110_00.000  
**Instrument Variable Name:** ULCEV  
**Final Documentation Name:** ULCEV

**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

<table>
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<tr>
<th>Had ulcer in past 12 m</th>
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Question ID: ACN.130_00.000

Instrument Variable Name: CANEV

Final Documentation Name: CANEV

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

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

Description: Sample adults aged 18+ 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).

**What kind of cancer ... Blood**

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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).

**What kind of cancer ... Bone**

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<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'

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

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

What kind of cancer ... Brain

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

What kind of cancer was it?

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

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

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

What kind of cancer ... Breast

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

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; cervix neoplasms

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

### What kind of cancer ... Cervix

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

---

What kind of cancer was it?

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; colonic neoplasms

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

### What kind of cancer ... Colon

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

**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

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

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

What kind of cancer ... Kidney

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

What kind of cancer was it?

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

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

Sources: None

Recodes: None

Keywords: cancer; laryngeal neoplasms

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

What kind of cancer ... larynx-windpipe

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

Question ID: ACN.140_12.000

What kind of cancer was it?

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

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

Sources: None

Recodes: None

Keywords: cancer; blood neoplasms; leukemia

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

What kind of cancer ... Leukemia

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.140_13.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND13

What kind of cancer was it?

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

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

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

What kind of cancer ... Liver

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

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

What kind of cancer was it?

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

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

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

What kind of cancer ... Lung

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

What kind of cancer was it?

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

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

Sources: None

Recodes: None

Keywords: cancer; melanoma neoplasms

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

What kind of cancer ... Melanoma

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

What kind of cancer was it?

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

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

Sources: None

Recodes: None

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

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

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).

What kind of cancer ... Ovary

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

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

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

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

What kind of cancer ... Pancreas

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

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

<table>
<thead>
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<th>Value</th>
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<tr>
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<tr>
<td>7</td>
<td>Refused</td>
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</table>
Question ID: ACN.140_21.000
Instrument Variable Name: CANKIND_1-CANKIND_3
Final Documentation Name: CNKIND21

What kind of cancer was it?

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

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

What kind of cancer ... Rectum

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

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

What kind of cancer was it?

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

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

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

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 05-Dec-16

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)

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

Question ID: ACN.140_24.000

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

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

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACN.140_25.000

**What kind of cancer was it?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** cancer; stomach neoplasms

**Notes:** Since 2004, if \( \text{CANKIND}_1 \) had a '97' or '99' (Refused or Don't Know) response, all of the expanded \( \text{CNKIND}_1-31 \) variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

#### What kind of cancer in the stomach

<p>| | |</p>
<table>
<thead>
<tr>
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<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
<td>Not mentioned</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
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<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_26.000

**What kind of cancer was it?**

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

**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 \( \text{CANKIND}_1 \) had a '97' or '99' (Refused or Don't Know) response, all of the expanded \( \text{CNKIND}_1-31 \) variables were also given '7' or '9'. In 2002 and 2003, these responses were recoded to '8' (Not Ascertained).

#### What kind of cancer in the testis

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
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</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: ACN.140_27.000

What kind of cancer was it?

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

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

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

What kind of cancer ... throat - pharynx

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

Question ID: ACN.140_28.000

What kind of cancer was it?

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

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

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

What kind of cancer ... Thyroid

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

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
How old were you when cancer was first diagnosed?

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

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

Sources: None

Recodes: None

Keywords: onset; cancer; colonic neoplasms

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

Age first diagnosed w/colon cancer

01 0-12 years
02 13-17 years
03 18-29 years
04 30-44 years
05 45-59 years
06 60-74 years
07 75 years and over
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 CNKIND8 = '1'

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

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

Age first diagnosed w/esophageal cancer

01 0-12 years
02 13-17 years
03 18-29 years
04 30-44 years
05 45-59 years
06 60-74 years
07 75 years and over
97 Refused
98 Not ascertained
99 Don't know
Question ID: ACN.150_10.000
RECODE Instrument Variable Name: CANAGE_1-CANAGE_3
Final Documentation Name: CNAGE10P

How old were you when cancer was first diagnosed?

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

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

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

Age first diagnosed w/kidney cancer

01 0-12 years
02 13-17 years
03 18-29 years
04 30-44 years
05 45-59 years
06 60-74 years
07 75 years and over
97 Refused
98 Not ascertained
99 Don't know
**2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS**  
**Sample Adult**  
**samadult : Adult Conditions**  
**PUBLIC USE**  
**Document Version Date: 05-Dec-16**

**Question ID:** ACN.150_14.000  
**RECODE**  
**Instrument Variable Name:** CANAGE_1-CANAGE_3  
**Final Documentation Name:** CNAGE14P

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

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

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

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

### Age first diagnosed w/lung cancer

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<th>Description</th>
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<td>02</td>
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</table>
Question ID: ACN.150_16.000

How old were you when cancer was first diagnosed?

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

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

Sources: None

Recodes: None

Keywords: onset; cancer; melanoma neoplasms

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

Age first diagnosed w/melanoma

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<td>06</td>
<td>60-74 years</td>
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<tr>
<td>07</td>
<td>75 years and over</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 CNKIND20 = '1'

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

Sources: None

Recodes: None

Keywords: onset; cancer; prostatic neoplasms

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

Age first diagnosed w/prostate cancer

<table>
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<tr>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<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 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

01  0-12 years
02  13-17 years
03  18-29 years
04  30-44 years
05  45-59 years
06  60-74 years
07  75 years and over
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 CNKIND28 = '1'

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

Sources: None

Recodes: None

Keywords: onset; cancer; thyroid neoplasms

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

Age first diagnosed w/thyroid cancer

01 0-12 years
02 13-17 years
03 18-29 years
04 30-44 years
05 45-59 years
06 60-74 years
07 75 years and over
97 Refused
98 Not ascertained
99 Don't know
How old were you when cancer was first diagnosed?

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

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

Sources: None

Recodes: None

Keywords: onset; cancer; neoplasms

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

Age first diagnosed w/other cancer

<table>
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<tr>
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<tr>
<td>98</td>
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</tr>
<tr>
<td>99</td>
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</tbody>
</table>

[If Female, Other than during pregnancy] Have you EVER been told by a doctor or health professional that you have diabetes or sugar diabetes?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: endocrine; sugar; diabetes

Notes: None

Ever been told that you have diabetes

<table>
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<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
<td>2</td>
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</tr>
<tr>
<td>3</td>
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<tr>
<td>7</td>
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</table>
### Question ID: ACN.165_00.000

**Instrument Variable Name:** DIBPRE1  
**Final Documentation Name:** DIBPRE1

**Have you EVER been told by a doctor or other health professional that you have any of the following: prediabetes, impaired fasting glucose, impaired glucose tolerance, borderline diabetes, or high blood sugar?**

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

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

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

**Ever had prediabetes or other symptoms**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<td>7</td>
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<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
How old were you when a doctor FIRST told you that you had diabetes or sugar diabetes?

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

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

**Sources:** None

**Recodes:** None

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

**Notes:** Categories; top-coded at age 70 years

<table>
<thead>
<tr>
<th>Age first diagnosed w/diabetes</th>
</tr>
</thead>
<tbody>
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</table>
**Question ID:** ACN.170_00.000  
**R02 RECODE**  
**Instrument Variable Name:**  
**Final Documentation Name:** DIFAGE2P

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

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

**Sources:**  
DIBAGE(i); AGE

**Recodes:**  
None

**Keywords:**  
Diabetes age check

**Notes:**  
DIFAGE2P indicates the difference between age at diabetes onset and age. This variable was calculated by the age of onset and the current age. For persons 75 or older, this difference may be an underestimate.

**Years since first diagnosed w/diabetes**

<table>
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<th>Description</th>
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<tr>
<td>02</td>
<td>5-9 years</td>
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<tr>
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<tr>
<td>04</td>
<td>15-19 years</td>
</tr>
<tr>
<td>05</td>
<td>20-24 years</td>
</tr>
<tr>
<td>06</td>
<td>25-29 years</td>
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<tr>
<td>07</td>
<td>30-34 years</td>
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<tr>
<td>08</td>
<td>35-39 years</td>
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<tr>
<td>09</td>
<td>40-44 years</td>
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<tr>
<td>10</td>
<td>45 years or more</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
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<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Are you NOW taking insulin?

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

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

NOW taking insulin

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

Are you NOW taking diabetic pills to lower your blood sugar? These are sometimes called oral agents or oral hypoglycemic agents.

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

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

NOW taking diabetic pills

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.201_01.000  Instrument Variable Name: AHAYFYR
Final Documentation Name: AHAYFYR

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

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

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

---

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

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

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

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

Told that you had sinusitis, past 12 m

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

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

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

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

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

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

**Notes:** None

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

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

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

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

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

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

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

**Notes:** None

| 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

Told you had liver condition, past 12 m

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

**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

Symptoms of joint pain/aching/stiffness past 30 d

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

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

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

Which joints are affected?

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

Which joint affected...shoulder-left
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.260_03.000
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
Question ID: ACN.260_05.000  Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP5

Which joints are affected?

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

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

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

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

Which joints are affected?

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

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

Which joint affected...hip-left
1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
Question ID: ACN.260_07.000

Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: right 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

Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: left wrist joint disease; left wrist arthritis

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

Which joint affected...wrist-left

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
### Question ID: ACN.260_09.000

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

#### Which joints are affected?

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

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

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

### Question ID: ACN.260_10.000

**Instrument Variable Name:** JMTHP1-JMTHP17  
**Final Documentation Name:** JMTHP10

#### Which joints are affected?

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

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

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

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

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

Sources: None
Recodes: None
Keywords: right ankle joint disease; right ankle arthritis
Notes: Since 2004, if $\text{JMTHP}$ had a '97' or '99' (Refused or Don't Know) response, all of the expanded $\text{JMTHP1-17}$ 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_11.000  Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP11

Which joints are affected?

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

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

Sources: None
Recodes: None
Keywords: left ankle joint disease; left ankle arthritis
Notes: Since 2004, if $\text{JMTHP}$ had a '97' or '99' (Refused or Don't Know) response, all of the expanded $\text{JMTHP1-17}$ 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

Question ID: ACN.260_12.000  Instrument Variable Name: JMTHP1-JMTHP17
Final Documentation Name: JMTHP12
### Question ID: ACN.260_13.000

**Which joints are affected?**

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

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

Sources: None

Recodes: None

Keywords: right toes joint disease; right toes arthritis

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

<table>
<thead>
<tr>
<th>Which joint affected...toes-right</th>
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<tbody>
<tr>
<td>1</td>
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### Question ID: ACN.260_14.000

**Which joints are affected?**

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

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

Sources: None

Recodes: None

Keywords: left toes joint disease; left toes arthritis

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

<table>
<thead>
<tr>
<th>Which joint affected...toes-left</th>
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<tr>
<td>1</td>
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</table>
Question ID: ACN.260_15.000

Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: right 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

Question ID: ACN.260_16.000

Which joints are affected?

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

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

Sources: None

Recodes: None

Keywords: left 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
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Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 05-Dec-16

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

Which joints are affected?

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

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

Which joint affected...other joint not listed
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.265_00.010
Instrument Variable Name: JNTPN
Final Documentation Name: JNTPN

Please think about the past 30 days, keeping in mind all of your joint pain or aching and whether or not you have taken medication. DURING THE PAST 30 DAYS, how bad was your joint pain ON AVERAGE? Please answer on a scale of 0 to 10 where 0 is no pain or aching and 10 is pain or aching as bad as it can be.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and JNTSYMP='1'
Description: Sample adults aged 18+ years who have had any symptoms of pain, aching, or stiffness in or around a joint during the past 30 days

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

Severity of joint pain on average, past 30 d
00-10 0-10
97 Refused
98 Not ascertained
99 Don't know
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

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

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

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

Sources: None

Recodes: None

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

Notes: None

Ever seen doctor or health professional for joint symptoms

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Have you EVER been told by a doctor or other health professional that you have some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia?

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

Description: Sample adults aged 18+ years

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

Ever been told you had arthritis

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<td>9</td>
<td>Don't know</td>
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Has a doctor or other health professional EVER suggested losing weight to help your 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 18+ with joint pain or arthritis

Sources: None
Recodes: None
Keywords: arthritis; rheumatoid arthritis; gout; lupus; fibromyalgia; medical advice; weight loss
Notes: None

Ever told to lose weight to help arthritis

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Has a doctor or other health professional EVER suggested physical activity or exercise to help your arthritis or joint symptoms?

Universe:  \( \text{ASTATFLG} = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN ('997','999') and \( \text{JNTSYMP} = '1' \) or \( \text{ARTH1} = '1' \)

Description: Sample adults 18+ with joint pain or arthritis

Sources: None

Recodes: None

Keywords: arthritis; rheumatoid arthritis; gout; lupus; fibromyalgia; medical advice; physical activity; exercise

Notes: None

Ever told to exercise to help arthritis

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

Have you EVER taken an educational course or class to teach you how to manage problems related to your arthritis or joint symptoms?

Universe:  \( \text{ASTATFLG} = '1' \) and \( \text{AGE} \geq '018' \) and \( \text{AGE} \) not IN ('997','999') and \( \text{JNTSYMP} = '1' \) or \( \text{ARTH1} = '1' \)

Description: Sample adults 18+ with joint pain or arthritis

Sources: None

Recodes: None

Keywords: arthritis; rheumatoid arthritis; gout; lupus; fibromyalgia; medical advice; education

Notes: None

Ever told to take a course on managing problems related to arthritis

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**2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS**  
Sample Adult  
**samadult : Adult Conditions**  
PUBLIC USE  
Document Version Date: 05-Dec-16

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

**Question ID:** ACN.295_00.000  
**Instrument Variable Name:** ARTHLMT  
**Final Documentation Name:** ARTHLMT  

**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

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<td>2</td>
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<td>7</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>

### In this next question we are referring to work for pay.

**Do arthritis or joint symptoms now affect whether you work, the type of work you do, or the amount of work you do?**

**Question ID:** ACN.295_00.010  
**Instrument Variable Name:** ARTHWRK  
**Final Documentation Name:** ARTHWRK  

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (JNTSYMP='1' or ARTH1='1')  
**Description:** Sample adults 18+ with joint pain or arthritis  

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

Arthritis affect your work

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<td>9</td>
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</tbody>
</table>
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:* $\text{ASTATFLG} = '1' \text{ and } (\text{AGE} \geq '018' \text{ and AGE not IN } (997,999))$

*Description:* Sample adults aged 18+ years

*Sources:* None

*Recodes:* None

*Keywords:* neck pain; neck arthritis

*Notes:* None

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

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

*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

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</table>
Question ID: ACN.320_00.000  

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

Instrument Variable Name: PAINLEG  
Final Documentation Name: PAINLEG

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

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

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

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  

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

Instrument Variable Name: PAINFACE  
Final Documentation Name: PAINFACE

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

Had pain in jaw/front of ear, past 3 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
During the PAST THREE MONTHS, did you have ... Severe headache or migraine?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: severe headache; migraine headache; head pain
Notes: Refer to ACN.300 (PAINECK) for question lead-in

Had severe headache/migraine, past 3 m

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

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

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: head cold; chest cold; respiratory ailment
Notes: None

Had a head/chest cold past 2 w

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
**Did you have a stomach or intestinal illness with vomiting or diarrhea that started DURING THE LAST TWO WEEKS?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** digestive disease; stomach/intestinal illness; diarrhea; vomiting

**Notes:** None

| Had stomach prob w/vomit/diarrhea, 2 w |
|-----------------|-----------------|-----------------|
| 1 | Yes         |
| 2 | No          |
| 7 | Refused     |
| 8 | Not ascertained |
| 9 | Don't know   |

**Are you currently pregnant?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** pregnant; with child

**Notes:** None

<table>
<thead>
<tr>
<th>Currently pregnant</th>
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<td>7</td>
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</tbody>
</table>
Question ID: ACN.370_00.010
Instrument Variable Name: PREGFLYR
Final Documentation Name: PREGFLYR

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

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

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

Sources: None
Recodes: None
Keywords: recently pregnant
Notes: None

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

Question ID: ACN.400_00.010
Instrument Variable Name: AHEARST2
Final Documentation Name: AHEARST2

These next questions are about your hearing 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; deafness
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
**Question ID:** ACN.400_00.020  
**Instrument Variable Name:** HRWORS  
**Final Documentation Name:** HRWORS

**Without a hearing aid ...**

**Is your hearing WORSE in one ear than the other?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHEARST2 IN ('2','3','4','5','6','7','9')

**Description:** Sample adults 18+ with other than excellent hearing

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; hearing one ear  
**Notes:** None

<table>
<thead>
<tr>
<th>Hearing worse in one ear</th>
</tr>
</thead>
</table>
| 1 | Yes  
| 2 | No  
| 7 | Refused  
| 8 | Not ascertained  
| 9 | Don't know

**Question ID:** ACN.400_00.030  
**Instrument Variable Name:** HRWHICH  
**Final Documentation Name:** HRWHICH

**Which ear is worse?**

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

**Description:** Sample adults 18+ who hear worse in one ear than the other

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; hearing one ear  
**Notes:** None

<table>
<thead>
<tr>
<th>Which ear is worse</th>
</tr>
</thead>
</table>
| 1 | The right ear  
| 2 | The left ear  
| 7 | Refused  
| 8 | Not ascertained  
| 9 | Don't know
Is your hearing in your **RIGHT** ear excellent, good, a little trouble hearing, moderate trouble, a lot of trouble, or are you deaf?

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

**Description:** Sample adults 18+ who hears worse in one ear than the other

<table>
<thead>
<tr>
<th>Hearing in right ear</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Excellent</td>
</tr>
<tr>
<td>2</td>
<td>Good</td>
</tr>
<tr>
<td>3</td>
<td>A little trouble hearing</td>
</tr>
<tr>
<td>4</td>
<td>Moderate trouble</td>
</tr>
<tr>
<td>5</td>
<td>A lot of trouble</td>
</tr>
<tr>
<td>6</td>
<td>Deaf</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</table>

**Question ID:** ACN.400_00.040  
**Instrument Variable Name:** HRRIGHT  
**Final Documentation Name:** HRRIGHT

---

2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS  
Sample Adult  

samadult : Adult Conditions  
PUBLIC USE  

Document Version Date: 05-Dec-16
Is your hearing in your LEFT ear 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')) and HRWORS='1'

Description: Sample adults 18+ who hears worse in one ear than the other

Sources: None

Recodes: None

Keywords: hearing; hearing left ear

Notes: None

Hearing in left ear

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
Without a hearing aid ...

Can you usually HEAR AND UNDERSTAND what a person says without seeing his or her face if that person WHISPERS to you from across a QUIET room?

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

Description:  
Sample adults 18+

Sources:  
None

Recodes:  
None

Keywords:  
hearing; whispering

Notes:  
Data quality testing found 486 sample adults who answered that, without the use of a hearing aid, their hearing was “Excellent” or “Good” (AHEARST2 IN ('1', '2')), yet later in the interview also answered “No” to four items: being able to hear whispers across a quiet room (HRWHISP = '2'), talking in a normal voice across a quiet room (HRTALK = '2'), shouting across a quiet room (HRSHOUT = '2'), and speaking loudly into one’s ear (HRSPEAK = '2'). In these instances, the sample adult was assigned a value of ‘8’ (not ascertained) for all four variables, and in the public-use data file are named: HRWHISP1, HRTALK1, HRSHOUT1, and HRSPEAK1.

Hear whispers across room

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<td>1</td>
<td>Yes</td>
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<td>2</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>
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</tbody>
</table>
Can you usually HEAR AND UNDERSTAND what a person says without seeing his or her face if that person TALKS IN A NORMAL VOICE to you from across a QUIET room?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRWHISP1 IN('2','7','8','9')

Description: Sample adults 18+ who cannot hear whispers across a quiet room or Ref/DK this question

Sources: None

Recodes: None

Keywords: hearing; talking

Notes: Data quality testing found 486 sample adults who answered that, without the use of a hearing aid, their hearing was “Excellent” or “Good” (AHEARST2 IN ('1', '2')), yet later in the interview also answered “No” to four items: being able to hear whispers across a quiet room (HRWHISP = '2'), talking in a normal voice across a quiet room (HRTALK = '2'), shouting across a quiet room (HRSHOUT = '2'), and speaking loudly into one’s ear (HRSPEAK = '2'). In these instances, the sample adult was assigned a value of ‘8’ (not ascertained) for all four variables, and in the public-use data file are named: HRWHISP1, HRTALK1, HRSHOUT1, and HRSPEAK1.

### Hear normal voice across room

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

**Question ID:** ACN.400_00.080

**RECODE**

Instrument Variable Name: Final Documentation Name: HRSHOUT1

---

**Without a hearing aid ...**

**Can you usually HEAR AND UNDERSTAND what a person says without seeing his or her face if that person SHOUTS to you from across a QUIET room?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRTALK1 IN('2','7','8','9')

**Description:** Sample adults 18+ who cannot hear a normal voice across a quiet room or Ref/DK this question

**Sources:** None

**Recodes:** None

**Keywords:** hearing; shouting

**Notes:** Data quality testing found 486 sample adults who answered that, without the use of a hearing aid, their hearing was “Excellent” or “Good” (AHEARST2 IN ('1', '2')), yet later in the interview also answered “No” to four items: being able to hear whispers across a quiet room (HRWHISP = '2'), talking in a normal voice across a quiet room (HRTALK = '2'), shouting across a quiet room (HRSHOUT = '2'), and speaking loudly into one’s ear (HRSPEAK = '2'). In these instances, the sample adult was assigned a value of ‘8’ (not ascertained) for all four variables, and in the public-use data file are named: HRWHISP1, HRTALK1, HRSHOUT1, and HRSPEAK1.

**Hear shouting voice across room**

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<td>1</td>
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<td>Don't know</td>
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2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 05-Dec-16

Question ID: ACN.400_00.090 RECODE
Instrument Variable Name:
Final Documentation Name: HRSPEAK1

Without a hearing aid ...

Can you usually HEAR AND UNDERSTAND what a person says without seeing his or her face if that person SPEAKS LOUDLY into your [fill: ear/better ear]?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRSHOUT1 IN('2','7','8','9')
Description: Sample adults 18+ who cannot hear a shouting voice across a quiet room

Sources: None
Recodes: None
Keywords: hearing; directly into ear
Notes: Data quality testing found 486 sample adults who answered that, without the use of a hearing aid, their hearing was “Excellent” or “Good” (AHEARST2 IN ('1', '2')), yet later in the interview also answered “No” to four items: being able to hear whispers across a quiet room (HRWHISP = '2'), talking in a normal voice across a quiet room (HRTALK = '2'), shouting across a quiet room (HRSHOUT = '2'), and speaking loudly into one’s ear (HRSPEAK = '2'). In these instances, the sample adult was assigned a value of ‘8’ (not ascertained) for all four variables, and in the public-use data file are named: HRWHISP1, HRTALK1, HRSHOUT1, and HRSPEAK1.

Hear voice in better ear

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
A cochlear (KOH-klee-uhr) implant is an electrical device that a surgeon puts in a person's ear(s) if they have severe hearing loss or are almost totally deaf. Has a doctor or other health care professional ever recommended a cochlear implant to you?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRSHOUT1 IN('2','7','8','9')

Description: Sample adults 18+ who cannot hear a shouting voice across a quiet room

Sources: None
Recodes: None
Keywords: hearing; cochlear implant
Notes: There were inconsistencies in the data for the variable HRSHOUT which resulted in 486 sample adult cases being assigned a value of '8' (not ascertained) in a new public use version of the variable, HRSHOU1. Two variables with universes based on HRSHOUT1='8', HRCOCREC and HRCOCIMP, also needed to be modified. As a result, two new public use variables, HRCOCRE1 and HRCOCIM1, were created.

Cochlear implant recommended

<table>
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<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Refused</th>
<th>Not ascertained</th>
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Have you had cochlear implant surgery?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRCOCRE1='1'

Description: Sample adults 18+ who have had a cochlear implant recommended

Sources: None
Recodes: None
Keywords: hearing; cochlear implant
Notes: There were inconsistencies in the data for the variable HRSHOUT which resulted in 486 sample adult cases being assigned a value of '8' (not ascertained) in a new public use version of the variable, HRSHOU1. Two variables with universes based on HRSHOUT1='8', HRCOCREC and HRCOCIMP, also needed to be modified. As a result, two new public use variables, HRCOCRE1 and HRCOCIM1, were created.

Had cochlear implant surgery

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<th>No</th>
<th>Refused</th>
<th>Not ascertained</th>
<th>Don't know</th>
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Has anyone, friends, relatives or others, ever told you that you have a hearing problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((AHEARST2 IN ('1','2','3','4','5','7','9')) or (AHEARST2='6' and HRWORS='1'))

Description: Sample adults 18+ who are not deaf or who are deaf but hear worse in one ear than the other

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

Ever told by friends/relatives you had hearing problem

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

How often do you find it difficult to follow a conversation if there is background NOISE, for example, when other people are talking, TV or radio is on, or children are playing close by? 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: hearing; background noise
Notes: None

Trouble with background noise

1 Always
2 Usually
3 About half the time
4 Seldom
5 Never
7 Refused
8 Not ascertained
9 Don't know
Question ID: ACN.401_00.030  
Instrument Variable Name: HRFRUST  
Final Documentation Name: HRFRUST

How often does your hearing cause you to feel frustrated when talking to your friends or relatives? Would you say…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AHEARST2 IN ('2','3','4','5','6','7','9'))

Description: Sample adults 18+ whose hearing is not excellent

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

Frustrated with hearing when talking

1 Always
2 Usually
3 About half the time
4 Seldom
5 Never
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.401_00.040  
Instrument Variable Name: HRSAFETY  
Final Documentation Name: HRSAFETY

How often does your hearing cause you to worry about your safety while working or doing other activities? Would you say…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (AHEARST2 IN ('2','3','4','5','6','7','9'))

Description: Sample adults 18+ whose hearing is not excellent

Sources: None
Recodes: None
Keywords: hearing; safety; worry
Notes: None

Hearing causes worry about safety

1 Always
2 Usually
3 About half the time
4 Seldom
5 Never
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.402_00.010  
**Instrument Variable Name:** HEARAGE1  
**Final Documentation Name:** HEARAGE2

**How old were you when you began to have ANY [fill1: hearing loss/hearing loss in either ear]?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((AHEARST2 IN ('3','4','5','6')) or (AHEARST2='2' and HRWORS='1'))

**Description:** Sample adults 18+ whose hearing is not excellent or good, or who reported good hearing, but hear worse in one ear than the other

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; hearing loss age  
**Notes:** None

**Age at first hearing loss**

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<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>01</td>
<td>Birth to 5 years of age</td>
</tr>
<tr>
<td>02</td>
<td>6 to 11 years of age</td>
</tr>
<tr>
<td>03</td>
<td>12 to 19 years of age</td>
</tr>
<tr>
<td>04</td>
<td>20 to 29 years of age</td>
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<tr>
<td>05</td>
<td>30 to 39 years of age</td>
</tr>
<tr>
<td>06</td>
<td>40 to 49 years of age</td>
</tr>
<tr>
<td>07</td>
<td>50 to 59 years of age</td>
</tr>
<tr>
<td>08</td>
<td>60 or more years of age</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
What is the MAIN cause of your hearing loss?

Universe: 
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((AHEARST2 IN ('3','4','5','6')) or (AHEARST2='2' and HRWORS='1'))

Description: Sample adults 18+ whose hearing is not excellent or good, or who reported good hearing, but hear worse in one ear than the other

Main cause of hearing loss

01 Present at birth because mother had infectious disease, for example, German measles (rubella), cytomegalovirus (CMV), toxoplasmosis, etc.
02 Present at birth for a genetic reason
03 Present at birth for other reason, e.g., preterm birth (NOT genetic or infectious disease)
04 After birth due to an infectious disease (measles, meningitis, mumps, etc.)
05 Ear infections or otitis media, fluid in middle ear space, ear drum burst (perforation)
06 Ear injury or head/neck trauma
07 Ear surgery
08 Medications/drugs, such as gentamicin (aminoglycosides), cisplatin (cancer drugs), antibiotics, anti-inflammatory drugs, diuretic
09 Ear disease such as Meniere's disease or otosclerosis
10 Brain tumor (acoustic neuroma/vestibular schwannoma, etc)
11 Loud, brief noise from gunfire, hand grenade, IED, other blasts or explosions
12 Sudden hearing loss, unexplained by loud, brief noise or other known causes
13 Long term noise exposure from machinery, aircraft, power tools, loud music, appliances, personal stereos or MP3 players, hair dryers, etc.
14 Getting older/aging
15 Some other cause
97 Refused
98 Not ascertained
99 Don't know
Question ID: ACN.402_00.030  Instrument Variable Name: HRPROBHP
Final Documentation Name: HRPROBHP

When was the LAST time you saw a doctor or other health care professional about any hearing or ear problems?

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

Sources: None
Recodes: None
Keywords: hearing; doctor visit for hearing
Notes: None

Last saw doctor/hp about hearing problems

0 Never
1 In the past year
2 1 to 2 years ago
3 3 to 4 years ago
4 5 to 9 years ago
5 10 to 14 years ago
6 15 or more years ago
7 Refused
8 Not ascertained
9 Don't know
**Question ID:** ACN.402_00.040  
**Instrument Variable Name:** HRENT  
**Final Documentation Name:** HRENT

**IN THE PAST 5 YEARS, have you seen or been referred by your doctor or other health care professional to a...**

**Hearing specialist, such as an Ear, Nose, and Throat (ENT) doctor?**

*Read if necessary:  
Include an Otolaryngologist (OH-toh-LAYR-ehn-GAHL-oh-jist), or Neuro-Otologist (OH-tol-o-jist)*

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRPROBHP IN('1','2','3')  
**Description:** Sample adults 18+ who saw a doctor/other health professional about hearing or ear problems 1-4 years ago

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; hearing specialist; ENT  
**Notes:** None

<table>
<thead>
<tr>
<th>Referred to hearing specialist, past 5 years</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.402_00.050  
**Instrument Variable Name:** HRAUD  
**Final Documentation Name:** HRAUD

**IN THE PAST 5 YEARS, have you seen or been referred by your doctor or other health care professional to...**

...an audiologist or hearing aid dispenser?  

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRPROBHP IN('1','2','3')  
**Description:** Sample adults 18+ who have seen a doctor/other health professional about hearing or ear problems 1-4 years ago

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; audiologist; hearing aid dispenser  
**Notes:** None

<table>
<thead>
<tr>
<th>Referred to audiologist, past 5 years</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>
A hearing test by a specialist is one that is done in a sound proof booth or room, or with headphones. Hearing specialists include audiologists, ear nose and throat (ENT) doctors, and trained health technicians or occupational nurses. When was the last time you had your hearing tested by a hearing specialist?

**Question ID:** ACN.402_00.060  
**Instrument Variable Name:** HRTEST  
**Final Documentation Name:** HRTEST

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: hearing; hearing test

Notes: None

<table>
<thead>
<tr>
<th>Last time hearing tested</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Never</td>
</tr>
<tr>
<td>1</td>
<td>In the past year</td>
</tr>
<tr>
<td>2</td>
<td>1 to 2 years ago</td>
</tr>
<tr>
<td>3</td>
<td>3 to 4 years ago</td>
</tr>
<tr>
<td>4</td>
<td>5 to 9 years ago</td>
</tr>
<tr>
<td>5</td>
<td>10 to 14 years ago</td>
</tr>
<tr>
<td>6</td>
<td>15 or more years ago</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** ACN.403_00.010  
**Instrument Variable Name:** HRAIDNOW  
**Final Documentation Name:** HRAIDNOW

These next questions are about your hearing, vision, and teeth. Do you now use a hearing aid(s)?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: hearing aid

Notes: None

<table>
<thead>
<tr>
<th>Now use a hearing aid</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.403_00.020  
Instrument Variable Name: HRAIDLNG  
Final Documentation Name: HRAIDLNG

**How long have you used a hearing aid(s)?**

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

**Description:** Sample adults 18+ who now use a hearing aid

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Less than 6 weeks</td>
</tr>
<tr>
<td>02</td>
<td>6 weeks to 11 months</td>
</tr>
<tr>
<td>03</td>
<td>1 to 2 years</td>
</tr>
<tr>
<td>04</td>
<td>3 to 4 years</td>
</tr>
<tr>
<td>05</td>
<td>5 to 9 years</td>
</tr>
<tr>
<td>06</td>
<td>10 to 14 years</td>
</tr>
<tr>
<td>07</td>
<td>15 years or more</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Think about how much you used your present hearing aid(s) over the past two weeks. On an average day, how many hours did you use your hearing aid(s)?

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

Description: Sample adults 18+ who now use a hearing aid

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

Hours using hearing aid, on average day

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>None</td>
</tr>
<tr>
<td>1</td>
<td>Less than 1 hour a day</td>
</tr>
<tr>
<td>2</td>
<td>1 to 3 hours a day</td>
</tr>
<tr>
<td>3</td>
<td>4 to 7 hours a day</td>
</tr>
<tr>
<td>4</td>
<td>8 or more hours per day</td>
</tr>
<tr>
<td>7</td>
<td>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.403_00.040  
**Instrument Variable Name:** HRAIDHLP  
**Final Documentation Name:** HRAIDHLP

Think about the situation where you most wanted to hear better, before you got your present hearing aid(s). **OVER THE PAST 2 WEEKS,** how much has the hearing aid helped in those situations?

*Read categories below.*

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Helped not at all</td>
</tr>
<tr>
<td>2</td>
<td>Helped slightly</td>
</tr>
<tr>
<td>3</td>
<td>Helped moderately</td>
</tr>
<tr>
<td>4</td>
<td>Helped quite a lot</td>
</tr>
<tr>
<td>5</td>
<td>Helped very much</td>
</tr>
<tr>
<td>7</td>
<td>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.403_00.050  
**Instrument Variable Name:** HRAIDEV  
**Final Documentation Name:** HRAIDEV

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: ACN.403_00.060  
Instrument Variable Name: HRAIDREC  
Final Documentation Name: HRAIDREC

Has a hearing specialist, your doctor, or other health care professional ever recommended a hearing aid(s) to you?

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

Description: Sample adults 18+ who do not now use a hearing aid or who have not used one in the past or who refused to answer whether they use or have used a hearing aid

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

Hearing aid ever recommended

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

Question ID: ACN.403_00.070  
R01 RECODE  
Instrument Variable Name: HRAIDLGP  
Final Documentation Name: HRAIDLG1

How long did you use a hearing aid(s) in the past?

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

Description: Sample adults 18+ who have used a hearing aid in the past, but not currently

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

How long hearing aid used in past

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Less than 6 weeks</td>
</tr>
<tr>
<td>2</td>
<td>6 weeks to 11 months</td>
</tr>
<tr>
<td>3</td>
<td>1 to 2 years</td>
</tr>
<tr>
<td>4</td>
<td>3 to 4 years</td>
</tr>
<tr>
<td>5</td>
<td>5 years or more</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS**

Sample Adult

samadult : Adult Conditions

PUBLIC USE

Document Version Date: 05-Dec-16

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**Question ID:** ACN.403_00.080  
**Instrument Variable Name:** HRAIDOFT  
**Final Documentation Name:** HRAIDOF2

When you used to wear a hearing aid, on an average day, how many hours did you use your hearing aid?

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

**Description:** Sample adults 18+ who have used a hearing aid in the past, but not currently

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

<table>
<thead>
<tr>
<th>How often used hearing aid in the past</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
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**Question ID:** ACN.403_01.095  
**Instrument Variable Name:** HRAID01-HRAID11  
**Final Documentation Name:** HRAIDN01

Why have you decided not to use a hearing aid(s)?

...it didn't help.

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1'))

**Description:** Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; hearing aid non-use; didn't help  
**Notes:** None

<table>
<thead>
<tr>
<th>HA not used - it didn't help</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>
Why have you decided not to use a hearing aid(s)?

…it made everything too loud.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1'))

Description: Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

Sources: None
Recodes: None
Keywords: hearing; hearing aid non-use; too loud
Notes: None

HA not used - too loud

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

Why have you decided not to use a hearing aid(s)?

…didn't like the way it sounded (unwanted sounds such as whistling and other noises).

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1'))

Description: Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

Sources: None
Recodes: None
Keywords: hearing; hearing aid non-use; whistled
Notes: None

HA not used - didn't like way it sounded

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Why have you decided not to use a hearing aid(s)?

...didn't like the way I sounded (my own voice when wearing the hearing aid).

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1'))

Description: Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

Sources: None
Recodes: None
Keywords: hearing; hearing aid non-use; own voice
Notes: None

HA not used - didn't like way I sounded
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Why have you decided not to use a hearing aid(s)?

...it was uncomfortable.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ((HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1'))

Description: Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

Sources: None
Recodes: None
Keywords: hearing; hearing aid non-use; uncomfortable
Notes: None

HA not used - uncomfortable
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Why have you decided not to use a hearing aid(s)?

…it had frequent breakdowns (needed repairs).

Universe: $\text{ASTATFLG} = 1$ and $(\text{AGE} \geq 18$ and $\text{AGE}$ not in $(997,999)$) and $((\text{HRAID2WK}='0')$ or $(\text{HRAIDEV}='1')$ or $(\text{HRAIDREC}='1'))$

Description: Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

<table>
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<tr>
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<th>ACN.403_06.120</th>
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<tbody>
<tr>
<td>Recodes:</td>
<td>None</td>
<td>Final Documentation Name: HRAIDN06</td>
</tr>
</tbody>
</table>

HA not used - frequent breakdowns

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

Why have you decided not to use a hearing aid(s)?

…it didn't like the way it looked.

Universe: $\text{ASTATFLG} = 1$ and $(\text{AGE} \geq 18$ and $\text{AGE}$ not in $(997,999)$) and $((\text{HRAID2WK}='0')$ or $(\text{HRAIDEV}='1')$ or $(\text{HRAIDREC}='1'))$

Description: Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

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<tr>
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<th>ACN.403_07.125</th>
<th>Instrument Variable Name: HRAID01-HRAID11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recodes:</td>
<td>None</td>
<td>Final Documentation Name: HRAIDN07</td>
</tr>
</tbody>
</table>

HA not used - didn't like look

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.403_08.130
Instrument Variable Name: HRAID01-HRAID11
Final Documentation Name: HRAIDN08

Why have you decided not to use a hearing aid(s)?

…it cost too much.

Universe:
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1')

Description: Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

Sources: None
Recodes: None
Keywords: hearing; hearing aid non-use; cost
Notes: None

HA not used - cost too much
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.403_09.135
Instrument Variable Name: HRAID01-HRAID11
Final Documentation Name: HRAIDN09

Why have you decided not to use a hearing aid(s)?

…don't think I need a hearing aid.

Universe:
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1')

Description: Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

Sources: None
Recodes: None
Keywords: hearing; hearing aid non-use; need
Notes: None

HA not used - don't need
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Why have you decided not to use a hearing aid(s)?

…it was misplaced or lost.

Universe:  
ASTATFLG = '1' and (AGEGE '018' and AGE not IN ('997','999')) and ((HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1'))

Description:  
Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

Sources:  
None

Recodes:  
None

Keywords:  
hearing; hearing aid non-use; lost

Notes:  
None

HA not used - misplaced/lost

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

Why have you decided not to use a hearing aid(s)?

…other reason.

Universe:  
ASTATFLG = '1' and (AGEGE '018' and AGE not IN ('997','999')) and ((HRAID2WK='0') or (HRAIDEV='1') or (HRAIDREC='1'))

Description:  
Sample adults 18+ who said they currently use a hearing aid but have not used one in the past 2 weeks, or who have ever used a hearing aid, but not currently, or who have had a hearing aid recommended without obtaining one

Sources:  
None

Recodes:  
None

Keywords:  
hearing; hearing aid non-use; other

Notes:  
None

HA not used - other

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Auditory training includes learning how to use visual cues to enhance your listening skills, placing yourself in the best listening situation in a room, or for example, if you use a hearing aid, learning how to use it in specific circumstances, such as on the telephone or in a noisy place. Did you ever receive instruction or training to improve your ability to hear?

Universe: \( \text{ASTATFLG} = '1' \) and \( (\text{AGE} \geq '018' \text{ and AGE not IN ('997','999')) and (((\text{AHEARST2} \in ('3','4','5','6','7','9')) or (\text{AHEARST2}='2' \text{ and HRWORS='1'})}}) \)

Description: Sample adults 18+ whose hearing is not excellent or good, or who reported good hearing, but hear worse in one ear than the other

**Question ID:** ACN.404_00.0010  
**Instrument Variable Name:** HRAUDTRN  
**Final Documentation Name:** HRAUDTRN

---

BECAUSE OF YOUR HEARING, have you ever used assistive technology to communicate, such as FM systems, instant or text messages, headsets, closed-caption television, amplified telephone, relay services, or live video streaming?

Universe: \( \text{ASTATFLG} = '1' \) and \( (\text{AGE} \geq '018' \text{ and AGE not IN ('997','999')) and (((\text{AHEARST2} \in ('3','4','5','6','7','9')) or (\text{AHEARST2}='2' \text{ and HRWORS='1'})}}) \)

Description: Sample adults 18+ whose hearing is not excellent or good, or who reported good hearing, but hear worse in one ear than the other

**Question ID:** ACN.404_00.020  
**Instrument Variable Name:** HRALDS  
**Final Documentation Name:** HRALDS

---

Use assistive-listening devices

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
Question ID: ACN.404_01.035

What types of assistive technology have you EVER used?

…FM system pocket talker or other personal listening device.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; pocket talker
Notes: None

ALD - FM system pocket talker
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.404_02.040

What types of assistive technology have you EVER used?

…instant or text messages.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; instant or text message
Notes: None

ALD - instant/text messages
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What types of assistive technology have you EVER used?

...amplified telephone.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; amplified telephone
Notes: None

ALD - amplified telephone
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

What types of assistive technology have you EVER used?

...amplified or vibrating alarm clock.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; amplified alarm clock
Notes: None

ALD - amplified/vibrating alarm clock
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What types of assistive technology have you EVER used?

…notification or signaling alarm (light signaler for doorbell, baby cry monitor, etc).

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; signaling alarm
Notes: None

ALD - notification/signaling alarm

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

What types of assistive technology have you EVER used?

…headset with television/theater or closed-captioned TV.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; headset; CCTV
Notes: None

ALD - headset with TV/close-captioned TV

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What types of assistive technology have you EVER used?

TTY (teletypewriter), TDD (telecommunications device for the deaf), or telephone relay service.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; TTY; TDD
Notes: None

ALD - TTY/TDD

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

What types of assistive technology have you EVER used?

video relay service.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; video relay
Notes: None

ALD - video relay service

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What types of assistive technology have you EVER used?

...live video streaming (video on computers or phones) using sign language or other means to communicate.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

ALD - live video streaming using sign language

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

What types of assistive technology have you EVER used?

...sign language interpreter.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

ALD - sign language interpreter

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.404_11.085  Instrument Variable Name: HRALD01-HRALD11
Final Documentation Name: HRALDT11

What types of assistive technology have you EVER used?

…other.

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

Description: Sample adults 18+ who have ever used assistive listening devices (ALDs)

Sources: None
Recodes: None
Keywords: hearing; ALD; other
Notes: None

ALD - other

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

Question ID: ACN.405_00.010  Instrument Variable Name: HRBDIZZ
Final Documentation Name: HRBDIZZ

DURING THE PAST 12 MONTHS, have you had a problem with dizziness, lightheadedness, feeling as if you are going to pass out or faint, unsteadiness or imbalance?

Do not include times when drinking alcohol.

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: dizzy; lighthead; faint; imbalance
Notes: None

Problems with dizziness, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS, have you been bothered by ringing, roaring, or buzzing in your ears or head that lasts for 5 minutes or more?

*Read if necessary:

Tinnitus (TIN-uh-tus) is the medical term for ringing, roaring or buzzing in the ears or head.

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: hearing; tinnitus; ringing in ear

Notes: None

Had ringing in ears, past 12 months

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ACN.406_00.020  
**Instrument Variable Name:** HRTINOFT  
**Final Documentation Name:** HRTINOFT

**DURING THE PAST 12 MONTHS,** how often have you had this ringing, roaring, or buzzing in your ears or head? Would you say...

*Read categories below.*

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

**Description:** Sample adults 18+ who have been bothered by ringing, roaring, or buzzing in their ears or head in the past 12 months

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; tinnitus; ringing in ear; frequency  
**Notes:** None

How often had ringing in ears, past 12 months

1. Almost always  
2. At least once a day  
3. At least once a week  
4. At least once a month  
5. Less frequently than once a month  
6. Refused  
7. Not ascertained  
8. Don't know
How long have you been bothered by this ringing, roaring, or buzzing in your ears or head?

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

Description: Sample adults 18+ who have been bothered by ringing, roaring, or buzzing in their ears or head in the past 12 months

Sources: None

Recodes: None

Keywords: hearing; tinnitus; ringing in ear; how long

Notes: None

How long bothered by ringing in ears

<table>
<thead>
<tr>
<th>Code</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>02</td>
<td>3 to 11 months</td>
</tr>
<tr>
<td>03</td>
<td>1 to 2 years</td>
</tr>
<tr>
<td>04</td>
<td>3 to 4 years</td>
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<tr>
<td>05</td>
<td>5 to 9 years</td>
</tr>
<tr>
<td>06</td>
<td>10 to 14 years</td>
</tr>
<tr>
<td>07</td>
<td>15 years or more</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Are you bothered by ringing, roaring, or buzzing in your ears or head ONLY after listening to loud sounds or loud music?

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

Description: Sample adults 18+ who have been bothered by ringing, roaring, or buzzing in their ears or head in the past 12 months

Sources: None

Recodes: None

Keywords: hearing; tinnitus; ringing in ear; loud sounds or music

Notes: None

Ringing in ears only after loud sounds/music

<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>
Are you bothered by ringing, roaring, or buzzing in your ears or head when going to sleep?

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

**Description:** Sample adults 18+ who have been bothered by ringing, roaring, or buzzing in their ears or head in the past 12 months

**Question ID:** ACN.406_00.050

**Instrument Variable Name:** HRTINSLP

**Final Documentation Name:** HRTINSLP

<table>
<thead>
<tr>
<th>Ringing in ears when going to sleep</th>
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</thead>
<tbody>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<tr>
<td>7</td>
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<td>8</td>
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<td>9</td>
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</tbody>
</table>

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How much of a problem is this ringing, roaring, or buzzing in your ears or head? Would you say it is...

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

**Description:** Sample adults 18+ who have been bothered by ringing, roaring, or buzzing in their ears or head in the past 12 months

**Question ID:** ACN.406_00.060

**Instrument Variable Name:** HRTINPROB

**Final Documentation Name:** HRTINPROB

<table>
<thead>
<tr>
<th>How much a problem, ringing in ears</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
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<tr>
<td>3</td>
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<tr>
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<td>7</td>
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<td>8</td>
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<tr>
<td>9</td>
</tr>
</tbody>
</table>
Question ID: ACN.406_00.070 Instrument Variable Name: HRTINDIS
Final Documentation Name: HRTINDIS

Have you ever discussed this ringing, roaring or buzzing in your ears or head with your doctor or other health care professional?

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

Description: Sample adults 18+ who have been bothered by ringing, roaring, or buzzing in their ears or head in the past 12 months

Sources: None
Recodes: None
Keywords: hearing; tinnitus; ringing in ear; health consultant
Notes: None

Discuss ringing in ears with doctor/HP

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

Question ID: ACN.406_00.080 Instrument Variable Name: HRTINDOC
Final Documentation Name: HRTINDOC

IN THE PAST 5 YEARS, have you been evaluated or treated for the ringing, roaring or buzzing in your ears or head by a medical specialist in hearing, such as an Ear, Nose and Throat (ENT) doctor, audiologist, neurologist, or psychiatrist?

*Include otolaryngologist, otologist and neuro-otologist.

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

Description: Sample adults 18+ who have been bothered by ringing, roaring, or buzzing in their ears or head in the past 12 months and who discussed this ringing, roaring or buzzing with their doctor or other health professional

Sources: None
Recodes: None
Keywords: hearing; tinnitus; ringing in ear; medical specialist
Notes: None

Ever evaluated for ringing in ears, past 5 yrs

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.406_00.090  
Instrument Variable Name: HRTINRM  
Final Documentation Name: HRTINRM

Have you ever tried any remedies or treatments for this ringing, roaring, or buzzing in your ears or head?

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

Description: Sample adults 18+ who have been bothered by ringing, roaring or buzzing in their ears or head in the past 12 months

Sources: None  
Recodes: None  
Keywords: hearing; tinnitus; ringing in ear; remedies  
Notes: None

Tried remedies for ringing in ears

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

Question ID: ACN.406_01.100  
Instrument Variable Name: HRREMT01-HRREMT12  
Final Documentation Name: HREMTY01

What remedies or treatments have you tried?

...started or taking drugs or medication.

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

Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

Sources: None  
Recodes: None  
Keywords: hearing; tinnitus; ringing in ear; drugs; medication  
Notes: None

Remedies tried for ringing...drugs/medication

1  Mentioned  
2  Not mentioned  
7  Refused  
8  Not ascertained  
9  Don't know
What remedies or treatments have you tried?

…stopped or reduced use of drugs or medications, such as aspirin, diuretics; etc.

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

Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

Remedies tried for ringing…stop/reduced drugs/medication

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

What remedies or treatments have you tried?

…hearing aids/amplification.

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

Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

Remedies tried for ringing…hearing aids

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
What remedies or treatments have you tried?

…masking device(s).

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

Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

Sources: None
Recodes: None
Keywords: hearing; tinnitus; ringing in ear; masking device
Notes: None

Remedies tried for ringing…masking devices

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

What remedies or treatments have you tried?

…surgical or other medical procedures.

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

Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

Sources: None
Recodes: None
Keywords: hearing; tinnitus; ringing in ear; surgical procedures
Notes: None

Remedies tried for ringing…surgical procedures

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
**What remedies or treatments have you tried?**

...relaxation therapy; stress reduction techniques.

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

**Description:** Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

**Remedies tried for ringing...relaxation therapy**

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

---

**What remedies or treatments have you tried?**

...Tinnitus Retraining Therapy (TRT).

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

**Description:** Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

**Remedies tried for ringing...TRT**

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
What remedies or treatments have you tried?

...music therapy.

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

Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

Remedies tried for ringing...music therapy

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

What remedies or treatments have you tried?

...avoided irritants, such as caffeine, salt, smoking (tobacco).

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

Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head

Remedies tried for ringing...avoided irritants

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
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Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 05-Dec-16

Question ID: ACN.406_10.100  Instrument Variable Name: HRREMT01-HRREMT12
Final Documentation Name: HREMTY10

What remedies or treatments have you tried?

…nutritional supplements, such as niacin or zinc.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRTINRM='1'
Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head
Sources: None
Recodes: None
Keywords: hearing; tinnitus; ringing in ear; nutritional supplements
Notes: None

Remedies tried for ringing…nutritional supplements
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know

Question ID: ACN.406_11.100  Instrument Variable Name: HRREMT01-HRREMT12
Final Documentation Name: HREMTY11

What remedies or treatments have you tried?

…alternative methods (hypnosis, acupuncture, etc.).

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRTINRM='1'
Description: Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head
Sources: None
Recodes: None
Keywords: hearing; tinnitus; ringing in ear; alternative methods
Notes: None

Remedies tried for ringing…alternative methods
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
**What remedies or treatments have you tried?**

*…other.*

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRTINRM='1'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head</td>
</tr>
</tbody>
</table>

| Remedies tried for ringing…other |
|---|---|
| 1 | Mentioned |
| 2 | Not mentioned |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

---

**How much have remedies or treatments helped with the ringing, roaring, or buzzing in your ears or head? Would you say they…**

*Read categories below.*

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRTINRM='1'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults 18+ who have tried remedies or treatments for the ringing, roaring, or buzzing in their ears or head</td>
</tr>
</tbody>
</table>

| How much have remedies helped with ringing in ears |
|---|---|
| 1 | Helped not at all |
| 2 | Helped slightly |
| 3 | Helped moderately |
| 4 | Helped quite a lot |
| 5 | Helped very much |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
Some people are bothered by everyday sounds or noises that don't bother most people. Do every day sounds, such as from a hair dryer, vacuum cleaner, lawnmower, or siren, seem too loud or annoying to you?

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: hearing; everyday sounds; noises; hyperacusis
Notes: None

Annoyed by everyday sounds

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

DURING THE PAST 12 MONTHS, how much of a problem have you had because every day sounds seem unbearably loud? Would you say it was...

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

Description: Sample adults 18+ who are bothered more than most people by loud sounds or noise or who perceive everyday sounds as too loud

Sources: None
Recodes: None
Keywords: hearing; everyday sounds; noises; hyperacusis
Notes: None

How much of a problem are everyday sounds, past 12 m

1 No problem
2 A small problem
3 A moderate problem
4 A big problem
5 A very big problem
7 Refused
8 Not ascertained
9 Don't know
Have you EVER used guns or firearms for any reason?

*Include target shooting, hunting, your job (including military service).

*Firearms include pistols, shotguns, rifles, and other types of guns. Do not include BB or pellet guns.

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

Description: Sample adults 18+

Sources: None
Recodes: None
Keywords: hearing; firearms; guns
Notes: None

Ever used firearms

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

Was this for work, leisure, or both?

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

Description: Sample adults 18+ who have ever used guns or firearms

Sources: None
Recodes: None
Keywords: hearing; firearms; guns; context
Notes: None

Used firearms for work/leisure

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<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Work</td>
</tr>
<tr>
<td>2</td>
<td>Leisure</td>
</tr>
<tr>
<td>3</td>
<td>Both work and leisure</td>
</tr>
<tr>
<td>7</td>
<td>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.408_00.030  
**Instrument Variable Name:** HRFRTIM  
**Final Documentation Name:** HRFRTIM

**When did you use guns or firearms... during the last 12 months, before then, or both during and before the last 12 months?**

*Include target shooting, hunting, your job (including military service).*

*Firearms include pistols, shotguns, rifles, and other types of guns. Do not include BB or pellet guns.*

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

**Description:** Sample adults 18+ who have ever used firearms

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; firearms; guns  
**Notes:** None

<table>
<thead>
<tr>
<th>When did you use guns/firearms</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>7</td>
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<tr>
<td>8</td>
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<tr>
<td>9</td>
</tr>
</tbody>
</table>
During the past 12 months, about how many rounds have you fired?

*Include target shooting, hunting, your job (including military service).

*One round equals one shot.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and HRFRTIM IN('1', '3')

Description: Sample adults 18+ who have used firearms in the past 12 months

Sources: None
Recodes: None
Keywords: hearing; firearms; guns; rounds fired past year
Notes: None

Number of rounds fired, past 12 months

1 1 to less than 100 rounds
2 100 to less than 1000 rounds
3 1,000 rounds or more
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 12 MONTHS, when shooting firearms how often have you worn hearing protection, such as ear plugs or ear muffs? Would you say…

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRFRTIM IN('1','3')
Description: Sample adults 18+ who have used firearms in the past 12 months

1 Always
2 Usually
3 About half the time
4 Seldom
5 Never
6 Refused
7 Not ascertained
8 Don't know
How many TOTAL rounds have you ever fired?

*Include target shooting, hunting, your job (including military service).

*One round equals one shot.

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

Description: Sample adults 18+ Sample adults 18+ who have ever used firearms

Number of total rounds fired

1 1 to less than 100 rounds
2 100 to less than 1000 rounds
3 1000 to less than 10,000 rounds
4 10,000 to less than 50,000 rounds
5 50,000 rounds or more
6 Refused
7 Not ascertained
8 Don't know
### Question ID: ACN.408_00.070

**Instrument Variable Name:** HRFRPRT2  
**Final Documentation Name:** HRFRPRT2

**Before THE PAST 12 MONTHS, when shooting firearms how often have you worn hearing protection, such as ear plugs or ear muffs? Would you say…**

<table>
<thead>
<tr>
<th>How often worn hearing protection when shooting, before past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Always</td>
</tr>
<tr>
<td>2. Usually</td>
</tr>
<tr>
<td>3. About half the time</td>
</tr>
<tr>
<td>4. Seldom</td>
</tr>
<tr>
<td>5. Never</td>
</tr>
<tr>
<td>6. Refused</td>
</tr>
<tr>
<td>7. Not ascertained</td>
</tr>
<tr>
<td>8. Don't know</td>
</tr>
</tbody>
</table>

### Question ID: ACN.409_00.010

**Instrument Variable Name:** HRWKVLNS  
**Final Documentation Name:** HRWKVLNS

**Have you ever had a job, or combination of jobs, where you were exposed to VERY LOUD sounds or noise for 4 OR MORE HOURS A DAY, SEVERAL DAYS A WEEK?**

**VERY LOUD means so loud that you must SHOUT in order to be understood by someone standing 3 feet (arm’s length) away from you.**

<table>
<thead>
<tr>
<th>Ever had job where exposed to very loud sounds/noise</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Yes</td>
</tr>
<tr>
<td>2. No</td>
</tr>
<tr>
<td>7. Refused</td>
</tr>
<tr>
<td>8. Not ascertained</td>
</tr>
<tr>
<td>9. Don't know</td>
</tr>
</tbody>
</table>
Have you ever had a job, or combination of jobs, where you were exposed to LOUD sounds or noise for 4 OR MORE HOURS A DAY, SEVERAL DAYS A WEEK?

**Loud means so loud that you must SPEAK IN A RAISED VOICE to be heard.**

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

**Description:** Sample adults 18+ who have ever worked, and who have NOT been exposed to VERY LOUD sounds or noise at work

**Sources:** None

**Recodes:** None

**Keywords:** hearing; loud sounds or noise; work

**Notes:** None

Ever had job where exposed to loud sounds/noise

<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>
In your work, how many months or years have you been exposed at work to VERY LOUD sounds or noise for 4 or more hours a day, several days a week?

*Read if necessary:  VERY LOUD means so loud that you must SHOUT in order to be understood by someone standing 3 feet (arm's length) away from you.

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

Description: Sample adults 18+ who have ever had a job that exposed them to VERY LOUD noise 4 or more hours a day, several days a week
Question ID: ACN.409_00.040  Instrument Variable Name: HRWKVLEX
Final Documentation Name: HRWKVLEX

When were you exposed to VERY LOUD sounds or noise at work… during the last 12 months, before then, or both during and before the last 12 months?

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRWKVLNS='1' |
| Description: | Sample adults 18+ who have ever had a job that exposed them to VERY LOUD noise 4 or more hours a day, several days a week |

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; work
Notes: None

When exposed to very loud sounds/noise at work

1. During the last 12 months
2. Before the last 12 months
3. Both during and before the last 12 months
7. Refused
8. Not ascertained
9. Don't know

Question ID: ACN.409_00.050  Instrument Variable Name: HRWKVLPI
Final Documentation Name: HRWKVLPI

DURING THE PAST 12 MONTHS, how often did you wear hearing protection, such as ear plugs or ear muffs when exposed to VERY LOUD sounds or noise at work? Would you say…

| Universe: | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRWKVLNS IN('1','3') |
| Description: | Sample adults 18+ who had a job that exposed them to VERY LOUD noise 4 or more hours a day, several days a week in the past 12 months |

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; work; ear protection
Notes: None

Hearing protection for very loud noise at work, past 12 m

1. Always
2. Usually
3. About half the time
4. Seldom
5. Never
7. Refused
8. Not ascertained
9. Don't know
BEFORE THE LAST 12 MONTHS, when exposed at work to VERY LOUD sounds or noise, how often DID you wear hearing protection, such as ear plugs or ear muffs? Would you say...

*Read categories below.

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

Description: Sample adults 18+ who had a job that exposed them to very loud noise 4 or more hours a day, several days a week BEFORE the past 12 months

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; work; ear protection
Notes: None

Hearing protection for very loud noise at work, before past 12 months

1 Always
2 Usually
3 About half the time
4 Seldom
5 Never
7 Refused
8 Not ascertained
9 Don't know
For how many months or years have you been exposed at work to LOUD sounds or noise for 4 or more hours a day, several days a week?

LOUD means so loud that you must speak in a RAISED VOICE TO BE HEARD.

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

Description: Sample adults 18+ who have ever had a job that exposed them to loud noise 4 or more hours a day, several days a week

Sources: None
Recodes: None
Keywords: hearing; loud sounds or noise; work
Notes: None

Months/years exposed to loud sounds/noise at work

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Less than 3 months</td>
</tr>
<tr>
<td>02</td>
<td>3 to 11 months</td>
</tr>
<tr>
<td>03</td>
<td>1 to 2 years</td>
</tr>
<tr>
<td>04</td>
<td>3 to 4 years</td>
</tr>
<tr>
<td>05</td>
<td>5 to 9 years</td>
</tr>
<tr>
<td>06</td>
<td>10 to 14 years</td>
</tr>
<tr>
<td>07</td>
<td>15 years or more</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
When were you exposed to LOUD sounds or noise at work… during the last 12 months, before then, or both during and before the last 12 months?

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

**Description:**
Sample adults 18+ who have ever had a job that exposed them to loud noise 4 or more hours a day, several days a week

**Sources:** None

**Recodes:** None

**Keywords:** hearing; loud sounds or noise; work

**Notes:** None

When exposed to loud sounds/noise at work

1. During the last 12 months
2. Before the last 12 months
3. Both during and before the last 12 months
4. Refused
5. Not ascertained
6. Don't know

During the past 12 months, how often did you wear hearing protection, such as ear plugs or ear muffs when exposed to LOUD sounds or noise at work? Would you say…

**Universe:**
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRWKLEX IN('1','3')

**Description:**
Sample adults 18+ who have ever had a job that exposed them to loud noise 4 or more hours a day, several days a week in the past 12 months

**Sources:** None

**Recodes:** None

**Keywords:** hearing; loud sounds or noise; work; ear protection

**Notes:** None

Hearing protection for loud noise at work, past 12 m

1. Always
2. Usually
3. About half the time
4. Seldom
5. Never
6. Refused
7. Not ascertained
8. Don't know
BEFORE THE LAST 12 MONTHS, when exposed at work to LOUD sounds or noise, how often DID you wear hearing protection, such as ear plugs or ear muffs? Would you say...

**Question ID:** ACN.409_00.100

Instrument Variable Name: HRWKLP2

Final Documentation Name: HRWKLP2

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

Description: Sample adults 18+ who have had a job that exposed them to loud noise 4 or more hours a day, several days a week BEFORE the past 12 months

Sources: None

Recodes: None

Keywords: hearing; loud sounds or noise; work; ear protection

Notes: None

Hearing protection for loud noise at work, before past 12 m

1. Always
2. Usually
3. About half the time
4. Seldom
5. Never
6. Refused
7. Not ascertained
8. Don't know

---

**Question ID:** ACN.410_00.010

Instrument Variable Name: HRLSVLNS

Final Documentation Name: HRLSVLNS

Outside of work, have you ever been exposed to VERY LOUD sounds or noise 10 or more times a year? This includes noise from power tools, machinery, recreational vehicles, racing or speedways, rock concerts, some sporting events, and other things?

VERY LOUD means so loud that you must SHOUT in order to be understood by someone standing 3 feet (arm’s length) away from you.

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: hearing; very loud sounds or noise; leisure time

Notes: None

Ever exposed to very loud noise 10+ times/yr, outside work

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

...lawn mower, electric trimmer, leaf/snow blower, etc.

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

Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Exposed to very loud activity...lawn mower

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

What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

...power tools, e.g., for woodworking, cutting down trees, etc.

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

Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Exposed to very loud activity...power tools

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Question ID: ACN.410_00.023
Instrument Variable Name: HRVLT01-HRVLT10
Final Documentation Name: HRVLTP03

What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

...household appliances: blender/mixer, food processor, vacuum cleaner, hairdryer, etc.

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

Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; leisure time; household appliance
Notes: None

Exposed to very loud activity...household appliances

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

Question ID: ACN.410_00.024
Instrument Variable Name: HRVLT01-HRVLT10
Final Documentation Name: HRVLTP04

What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

...recreational vehicles, e.g., motorcycles/auto racing/snowmobile/motor boats.

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

Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; leisure time; vehicles
Notes: None

Exposed to very loud activity...recreational vehicles

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

...rock concerts, disco/clubs or bars, other very loud music exposure.

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

Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; leisure time; concerts; music
Notes: None

Exposed to very loud activity...rock concerts
1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know

What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

...very loud music, including from the CD player/MP3 player/iPod, etc.

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

Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; leisure time; music
Notes: None

Exposed to very loud activity...very loud music from CD player
1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 05-Dec-16

Question ID: ACN.410_00.027
Instrument Variable Name: HRVLT01-HRVLT10
Final Documentation Name: HRVLTP07

What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

…very loud sporting events.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRLSVLNS='1'
Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; leisure time; sport
Notes: None

Exposed to very loud activity…very loud sporting event
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know

Question ID: ACN.410_00.028
Instrument Variable Name: HRVLT01-HRVLT10
Final Documentation Name: HRVLTP08

What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

…guns, firearms.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRLSVLNS='1'
Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Sources: None
Recodes: None
Keywords: hearing; very loud sounds or noise; leisure time; firearms; guns
Notes: None

Exposed to very loud activity…guns/firearms
1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

… video/computer games, home theater.

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

Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Exposed to very loud activity…video/computer games

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

---

What VERY LOUD activities have you EVER been exposed to 10 or more times a year?

… other.

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

Description: Sample adults 18+ who have ever been exposed to very loud leisure-time noise 10 or more times a year

Exposed to very loud activity…other

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Outside of work, have you ever been exposed to LOUD sounds or noise 10 or more times a year? This includes noise from lawn mowers, some household appliances, loud music, video games, and other things?

LOUD means so loud that you must speak in a RAISED VOICE TO BE HEARD.

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

Description: Sample adults 18+ who were not exposed to very loud noise 10 or more times a year (outside of work)

Exposed to loud noise 10+ times/yr, outside work

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

What LOUD activities have you EVER been exposed to 10 or more times a year?

...lawn mower, electric trimmer, leaf/snow blower, etc.

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

Description: Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

Exposed to loud activity...lawn mower

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What LOUD activities have you EVER been exposed to 10 or more times a year?

...power tools, e.g., for woodworking, cutting down trees, etc.

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

Description: Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

Exposed to loud activity...power tools

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

What LOUD activities have you EVER been exposed to 10 or more times a year?

...household appliances: blender/mixer, food processor, vacuum cleaner, hairdryer, etc.

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

Description: Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

Exposed to loud activity...household appliances

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What LOUD activities have you EVER been exposed to 10 or more times a year?

...recreational vehicles, e.g., motorcycles/auto racing/snowmobile/motor boats.

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

Description: Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

Sources: None
Recodes: None
Keywords: hearing; loud sounds or noise; leisure time; vehicles
Notes: None

Exposed to loud activity...recreational vehicles

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

What LOUD activities have you EVER been exposed to 10 or more times a year?

...rock concerts, disco/clubs or bars, other loud music exposure.

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

Description: Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

Sources: None
Recodes: None
Keywords: hearing; loud sounds or noise; leisure time; concerts; music
Notes: None

Exposed to loud activity...rock concerts

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
What LOUD activities have you EVER been exposed to 10 or more times a year?

...loud music; including from DC player/MP3 player/iPod, etc.

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

Description: Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

Exposed to loud activity...very loud music from CD player

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

What LOUD activities have you EVER been exposed to 10 or more times a year?

...loud sporting events.

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

Description: Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

Exposed to loud activity...very loud sporting event

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** ACN.410_00.040  
**Instrument Variable Name:** HRLT01-HRLT10  
**Final Documentation Name:** HRLTP08

**What LOUD activities have you EVER been exposed to 10 or more times a year?**

...guns, firearms.

- **Universe:** `ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and HRLNOS='1'`
- **Description:** Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; loud sounds or noise; leisure time; firearms; guns  
**Notes:** None

Exposed to loud activity...guns/firearms

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

**Question ID:** ACN.410_00.041  
**Instrument Variable Name:** HRLT01-HRLT10  
**Final Documentation Name:** HRLTP09

**What LOUD activities have you EVER been exposed to 10 or more times a year?**

...video/computer games, home theater.

- **Universe:** `ASTATFLG = '1' and (AGE GE '018' and AGE not IN (997,999)) and HRLNOS='1'`
- **Description:** Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; loud sounds or noise; leisure time; video or computer games  
**Notes:** None

Exposed to loud activity...video/computer games

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
What LOUD activities have you EVER been exposed to 10 or more times a year?

…other.

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

Description: Sample adults 18+ who have ever been exposed to loud leisure-time noise 10 or more times a year

Exposed to loud activity…other

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

When were you exposed to [fill1: LOUD/VERY LOUD] sounds or noise during leisure time, non-occupational activities, that is, during the last 12 months, before then, or both during and before the last 12 months?

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

Description: Sample adults 18+ with very loud or loud leisure noise exposure outside of work

When exposed to loud/very loud sounds/noise at work

1 During the last 12 months
2 Before the last 12 months
3 Both during and before the last 12 months
7 Refused
8 Not ascertained
9 Don't know
DURING THE PAST 12 MONTHS, when exposed to [fill1: LOUD/VERY LOUD] noise or music [fill2: outside of work], how often have you worn hearing protection, such as ear plugs or ear muffs to reduce noise? Would you say…

*Read categories below.

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRNOSEXP IN('1','3')

Description:  
Sample adults 18+ who have been exposed to leisure-time noise in the past 12 months

Sources:  
None

Recodes:  
None

Keywords:  
hearing; very loud sounds or noise; loud sounds or noise; leisure time; ear protection

Notes:  
None

Hearing protection for loud/very loud noise outside work, past 12 m

1  Always
2  Usually
3  About half the time
4  Seldom
5  Never
7  Refused
8  Not ascertained
9  Don't know
BEFORE THE LAST 12 MONTHS, when exposed [Fill1: outside of work] to [Fill2: LOUD/VERY LOUD] noise or music, how often did you wear hearing protection, such as ear plugs or ear muffs to reduce noise? Would you say…

*Read categories below.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRNOSEXP IN('2','3')
Description: Sample adults 18+ who have been exposed to leisure-time noise before the past 12 months

Get info from Internet about health, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Conditions
PUBLIC USE
Document Version Date: 05-Dec-16

Question ID: ACN.411_00.020
Instrument Variable Name: HRINTHL
Final Documentation Name: HRINTHL

DURING THE PAST 12 MONTHS, did you or others get information from the internet on…

Hearing loss for you

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRINTNET='1'
Description: Sample adults 18+ who used the internet in the past year to get information about health, medical treatment, or rehabilitation services.

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

Past 12 m, get info from Internet on…hearing loss

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

Question ID: ACN.411_00.021
Instrument Variable Name: HRINTHA
Final Documentation Name: HRINTHA

DURING THE PAST 12 MONTHS, did you or others get information from the internet on…

Hearing aids, including cochlear implants or other devices for you

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and HRINTNET='1'
Description: Sample adults 18+ who used the internet in the past year to get information about health, medical treatment, or rehabilitation services.

Sources: None
Recodes: None
Keywords: hearing; hearing aid; cochlear implant; Internet
Notes: None

Past 12 m, get info from Internet on…hearing aids

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS, did you or others get information from the internet on…

Ringing, roaring, or buzzing sounds in the ears or head (tinnitus) for you

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

Description: Sample adults 18+ who used the internet in the past year to get information about health, medical treatment, or rehabilitation services.

Past 12 m, get info from Internet on…ringing in ears

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

DURING THE PAST 12 MONTHS, did you or others get information from the internet on…

Dizziness or balance problems for you

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

Description: Sample adults 18+ who used the internet in the past year to get information about health, medical treatment, or rehabilitation services.

Past 12 m, get info from Internet on…dizziness/balance problems

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
DURING THE PAST 12 MONTHS, did you or others get information from the internet on hearing protection such as ear plugs or ear muffs for you?

**Question ID:** ACN.411_00.024  
**Instrument Variable Name:** HRINTHP  
**Final Documentation Name:** HRINTHP

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

**Description:** Sample adults 18+ who used the internet in the past year to get information about health, medical treatment, or rehabilitation services.

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; ear protection; Internet  
**Notes:** None

Past 12 m, get info from Internet on...hearing protection

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

**Question ID:** ACN.411_00.030  
**Instrument Variable Name:** HRINTHPR  
**Final Documentation Name:** HRINTHPR

Was any of this information written by a doctor, other health professionals, medical associations, or other health-related organizations?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (HRINTHL='1' or HRINTHA='1' or HRINTTN='1' or HRINTDZ='1' or HRINTHP='1')

**Description:** Sample adults 18+ who have received information from the internet in the past 12 months about hearing loss, hearing aids (cochlear implants/other devices), tinnitus, or hearing protection (earplugs/ear muffs)

**Sources:** None  
**Recodes:** None  
**Keywords:** hearing; Internet; doctor; health professional  
**Notes:** None

Any Internet info written by a doc/health pro

1. Yes
2. No
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: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISION = '1'

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

Sources: None

Recodes: None

Keywords: blindness; vision impairment

Notes: None

Blind or unable to see at all

1 Yes
2 No
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

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### Question ID: AHS.040_00.000 R01 RECODE

**Instrument Variable Name:** WKDAYR  
**Final Documentation Name:** WKDAYR1

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

**Number of work loss days, past 12 months**

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**Question ID:** AHS.050_00.000  
**Instrument Variable Name:** BEDDAYR  
**Final Documentation Name:** BEDDAYR1

**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

**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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<td>About the same</td>
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Question ID: AHS.070_00.000
Instrument Variable Name: SPECEQ
Final Documentation Name: SPECEQ

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

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

Description: Sample adults aged 18+ years

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

Have health problem that requires special equipment

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

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

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

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

Description: Sample adults aged 18+ years

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

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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Question ID: AHS.091_03.000

Instrument Variable Name: FLSTAND

Final Documentation Name: FLSTAND

By yourself, and without using any special equipment, how difficult is it for you to...Stand or be on your feet for about 2 hours?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty standing; special equipment; functional limitation

Notes: See Survey Description Document for more information.

How difficult to stand 2 hours without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHS.091_04.000
Instrument Variable Name: FLSIT
Final Documentation Name: FLSIT

By yourself, and without using any special equipment, how difficult is it for you to...Sit for about 2 hours?

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

Description: Sample adults aged 18+ years

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

How difficult to sit 2 hours without special equipment

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
**Question ID:** AHS.091_05.000

**Instrument Variable Name:** FLSTOOP

**Final Documentation Name:** FLSTOOP

**By yourself, and without using any special equipment, how difficult is it for you to...Stoop, bend, or kneel?**

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

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

**Sources:** None

**Recodes:** ALCHRONR; FLA1AR

**Keywords:** difficulty stooping, bending, or kneeling; special equipment; functional limitation

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

How difficult to stoop, bend or kneel without special equipment

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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
Question ID: AHS.141_01.000  
Instrument Variable Name: FLGRASP  
Final Documentation Name: FLGRASP

By yourself, and without using any special equipment, how difficult is it for you to...Use your fingers to grasp or handle small objects?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

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

Notes: See Survey Description Document for more information.

How difficult to grasp small objects without special equipment:

0  Not at all difficult
1  Only a little difficult
2  Somewhat difficult
3  Very difficult
4  Can't do at all
6  Do not do this activity
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHS.141_02.000  
Instrument Variable Name: FLCARRY  
Final Documentation Name: FLCARRY

By yourself, and without using any special equipment, how difficult is it for you to…Lift or carry something as heavy as 10 pounds such as a full bag of groceries?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

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

Notes: See Survey Description Document for more information.

How difficult to lift/carry 10 lbs without special equipment

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</table>
By yourself, and without using any special equipment, how difficult is it for you to...Push or pull large objects like a living room chair?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

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

Notes: See Survey Description Document for more information.

How difficult to push large objects without special equipment

- 0 Not at all difficult
- 1 Only a little difficult
- 2 Somewhat difficult
- 3 Very difficult
- 4 Can't do at all
- 6 Do not do this activity
- 7 Refused
- 8 Not ascertained
- 9 Don't know
By yourself, and without using any special equipment, how difficult is it for you to...Go out to things like shopping, movies, or sporting events?

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<th>AHS.171_01.000</th>
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Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999'))

Description: Sample adults aged 18+ years

Sources: None

Recodes: ALCHRONR; FLA1AR

Keywords: difficulty going out; shopping; sporting events; special equipment; functional limitation

Notes: None

How difficult to go out to events without special equipment

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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
**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 05-Dec-16**

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**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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**Question ID:** AHS.171_00.000  
**R01 RECODE**  
**Instrument Variable Name:** FLA1AR  
**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; FLST; 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>Limited in any way</td>
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<tr>
<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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</tbody>
</table>
What condition or health problem causes you to have difficulty with {names of up to 3 specified activities/these activities}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or 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; 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  
Instrument Variable Name: AFLHCA1-AFLHCA37  
Final Documentation Name: AFLHCA2

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

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

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

Arthritis/rheumatism causes difficulty with activity

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<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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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; back/neck problem
Notes: See Survey Description Document for more information.

Back or neck problem causes difficulty with activity

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

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

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

Sources: None
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; fracture; bone/joint injury
Notes: See Survey Description Document for more information.

Fracture, bone/joint injury causes difficulty with activity

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

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

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

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; other injury

Notes: See Survey Description Document for more information.

Other injury causes difficulty with activity

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

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

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

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

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

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; stroke

Notes: See Survey Description Document for more information.

Stroke problem causes difficulty with activity

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

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

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

Notes: See Survey Description Document for more information.
**Question ID:** AHS.200_10.000  
**Instrument Variable Name:** AFLHCA1-AFLHCA37  
**Final Documentation Name:** AFLHCA10

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 FLSOCIN 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 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 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: 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; 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 FLSTOOP IN (1', '2', '3', '4') or FLSTOOP IN (1', '2', '3', '4') or FLREACH IN (1', '2', '3', '4') or FLGRASP IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLCARRY IN (1', '2', '3', '4') or FLFISH IN (1', '2', '3', '4') or FLSHOP IN (1', '2', '3', '4') or FLRELAX IN (1', '2', '3', '4'))  

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

Sources: None  
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91  
Keywords: functional limitation; difficulty with activity; birth defect  
Notes: See Survey Description Document for more information.
Question ID: AHS.200_14.000

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 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; mental retardation; intellectual disability

Notes: See Survey Description Document for more information.

Intellectual disability, AKA mental retardation causes difficulty with activity

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

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

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

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

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

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

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

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

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; senility; dementia; Alzheimer's

Notes: See Survey Description Document for more information.

Senility causes difficulty with activity

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

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.
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 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: AFLHCA19; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; missing limbs (fingers, toes, or digits); amputee

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

Missing or amputated limb/finger/digit causes difficulty with activity

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
Question ID: AHS.200_00.000 R02 RECODE

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

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<th>Universe</th>
<th>Description</th>
<th>Sources</th>
<th>Recodes</th>
<th>Keywords</th>
<th>Notes</th>
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<td>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'))</td>
<td>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.)</td>
<td>AFLHCA23; AFLHCA24; AFLHCA_S1; AFLHCA_S2</td>
<td>ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91</td>
<td>functional limitation; difficulty with activity; musculoskeletal system; connective tissue</td>
<td>This variable was created to categorize respondents' verbatim answers when asked about &quot;other&quot; problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.</td>
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Musculoskeletal/Connective tissue problem causes difficulty with activity

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<td>Refused</td>
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Question ID: AHS.200_00.000 R03 RECODE

Instrument Variable Name:

Final Documentation Name: AFLHC21_

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: AFLHCA21; AFLHCA32; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

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

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

Circulation problems (including blood clots) cause difficulty with activity

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or 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: AFLHCA33; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; endocrine; nutritional; metabolic

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

Endocrine/nutritional/metabolic problem causes difficulty with activity

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
What condition or health problem causes you to have difficulty with {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: AFLHCA25-AFLHCA29; AFLHCA35; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

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

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

Nervous system/sensory organ condition causes difficulty with activity

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 FSIT IN ('1', '2', '3', '4') or FLSTOOP IN ('1', '2', '3', '4') or FLEACH 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/be on feet for about 2 hours; sitting for about 2 hours; stooping/bending/kneeling; reaching up over head; using fingers to grasp/handle small objects; lifting/carrying 10 pounds; pushing/pulling large objects; going out for things (shopping/movies/etc.); participating in social activities; or relaxing at home (reading/sewing, etc.)

Sources: AFLHCA30; AFLHCA31; AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; digestion
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Digestive system problem causes difficulty with activity

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: AFLHCA20; AFLHCA_S1; AFLHCA_S2
Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91
Keywords: functional limitation; difficulty with activity; genitourinary system
Notes: This variable was created to categorize respondents' verbatim answers when asked about "other" problems or conditions causing functional limitations. Caution should be used when utilizing this variable -- please refer to the Survey Description Document for more information.

Genitourinary system problem causes difficulty with activity

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

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

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

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

Skin/subcutaneous system problem causes difficulty with activity

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and (FLWALK IN ('1', '2', '3', '4') or FLCLIMB IN ('1', '2', '3', '4') or FLSTAND IN ('1', '2', '3', '4') or FLSIT 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 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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<td>9</td>
<td>Don't know</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 FLTREACH IN ('1', '2', '3', '4') or FLGRASP IN ('1', '2', '3', '4') or FLCARRY IN ('1', '2', '3', '4') or FLPUSH IN ('1', '2', '3', '4') or FLSHOP IN ('1', '2', '3', '4') or FLSOCL IN ('1', '2', '3', '4') or FLRELAX IN ('1', '2', '3', '4'))

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

Sources: AFLHCA22; AFLHCA_S1; AFLHCA_S2

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity; benign tumor; cyst

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

Benign tumor/cyst causes difficulty with activity

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

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

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

Other mental problem/ADD/Bipolar/Schizophrenia causes difficulty with activity

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

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

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don't know
Question ID: AHS.200_00.000 R14 RECODE

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

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

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

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

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

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

Fatigue/tiredness/weakness causes difficulty with activity

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

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

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

Sources: None

Recodes: ALCHRC1-ALCHRC34; ALCHRC90-ALCHRC91

Keywords: functional limitation; difficulty with activity

Notes: See the Survey Description Document for more information.

Other impairment/problem (1) causes difficulty with activity

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

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 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

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

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA1 = '1'

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

Sources: AFLHCA1; ALDURB1
Recodes: 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_02.000 R03 RECODE

**Instrument Variable Name:**
- Final Documentation Name: ALCHRC2

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

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

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

**Sources:**
- AFLHCA2, ALDURB2

**Recodes:**
- ALCNDRT, ALCHRONR

**Keywords:**
- functional limitation; hearing problem

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

**Hearing problem condition status recode**

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<th>Description</th>
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<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

### Question ID: AHS.302_02.000 R03 RECODE

**Instrument Variable Name:**
- 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**

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<th>Description</th>
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<td>Chronic</td>
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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
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</tbody>
</table>
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 05-Dec-16

Question ID: AHS.303_02.000 R03 RECODE
Instrument Variable Name: ALCHRC4

How long have you had a back or neck problem?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA4 = '1'
Description: Sample adults aged 18+ years with difficulty due to back or neck problem
Sources: AFLHCA4; ALDURB4
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; back/neck problem
Notes: Condition was coded as chronic (ALCHRC4 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Back or neck problem condition status recode
1 Chronic
2 Not chronic
9 Unknown if chronic

Question ID: AHS.304_02.000 R03 RECODE
Instrument Variable Name: ALCHRC5

How long have you had a fracture, bone, or joint injury?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA5 = '1'
Description: Sample adults aged 18+ years with difficulty due to fracture, bone/joint injury
Sources: AFLHCA5; ALDURB5
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; fracture; bone/joint injury
Notes: Condition was coded as chronic (ALCHRC5 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Fracture, bone/joint injury condition status recode
1 Chronic
2 Not chronic
9 Unknown if chronic
**Question ID:** AHS.305_02.000  R03  RECODE  
**Instrument Variable Name:** 
**Final Documentation Name:** ALCHRC6

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

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

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

**Sources:** AFLHCA6; ALDURB6

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; other injury

**Notes:** Condition was coded as chronic (ALCHRC6 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
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<th>Other injury condition status recode</th>
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**Question ID:** AHS.306_02.000  R03  RECODE  
**Instrument Variable Name:** 
**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.

<table>
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<tr>
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</tbody>
</table>
**Question ID:** AHS.307_02.000  
**Instrument Variable Name:** RECODE  
**Final Documentation Name:** ALCHRC8

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA8 = '1'

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

**Sources:** AFLHCA8; ALDURB8

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; stroke

**Notes:** Condition was coded as chronic (ALCHRC8 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Stroke problem condition status recode**

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<tr>
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</tr>
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</table>

**Question ID:** AHS.308_02.000  
**Instrument Variable Name:** RECODE  
**Final Documentation Name:** ALCHRC9

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

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA9 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to hypertension/high blood pressure

**Sources:** AFLHCA9; ALDURB9

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; hypertension; high blood pressure

**Notes:** Condition was coded as chronic (ALCHRC9 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Hypertension or high blood pressure condition status recode**

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<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
### How long have you had diabetes?

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

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

**Sources:** AFLHCA10; ALDURB10

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; diabetes

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

#### Diabetes condition status recode

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<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:** 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

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2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Health Status & Limitations
PUBLIC USE
Document Version Date: 05-Dec-16

Question ID: AHS.311_02.000 R03 RECODE Instrument Variable Name:
Final Documentation Name: ALCHRC12

How long have you had cancer?

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

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

Sources: AFLHCA12; ALDURB12
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; cancer
Notes: Condition was coded as chronic (ALCHRC12 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Cancer condition status recode

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</table>

Question ID: AHS.312_02.000 R03 RECODE Instrument Variable Name:
Final Documentation Name: ALCHRC13

How long have you had a birth defect?

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

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

Sources: AFLHCA13; ALDURB13
Recodes: ALCNDRT; ALCHRONR
Keywords: functional limitation; birth defect
Notes: Condition was coded as chronic (ALCHRC13 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Birth defect condition status recode

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<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
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</table>
How long have you had intellectual disability, also known as mental retardation?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ALHCA14a = '1'

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

Sources: ALHCA14a; ADURB14a
Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; intellectual disability; mental retardation

Notes: 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
9 Unknown if chronic

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

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

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

Sources: AFLHCA15; ALDURB15
Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; other developmental problem; cerebral palsy

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

Other developmental problem (e.g., cerebral palsy) condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic
### How long have you had senility?

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

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

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

<table>
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<th>Senility condition status recode</th>
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<td>2 Not chronic</td>
<td></td>
</tr>
<tr>
<td>9 Unknown if chronic</td>
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</table>

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

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

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

**Sources:** AFLHCA17; ALDURB17  
**Recodes:** ALCNDRT; ALCHRONR  
**Keywords:** functional limitation; depression; anxiety; emotional problem  
**Notes:** Condition was coded as chronic (ALCHRC17 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

<table>
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<tr>
<th>Depression/anxiety/emotional problem condition status recode</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>2 Not chronic</td>
<td></td>
</tr>
<tr>
<td>9 Unknown if chronic</td>
<td></td>
</tr>
</tbody>
</table>
How long have you had missing limbs (fingers, toes, or digits)?

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

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

Sources: AFLHC19_; ALDURB19

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; missing limbs (fingers, toes, or digits); amputee

Notes: Condition was coded as chronic (ALCHRC19 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Missing limbs (fingers, toes, or digits); amputation condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic

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

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

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

Sources: 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:  
AFLHC21_; ALDURB21

Recodes:  
ALCNDR_; 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

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<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>

How long have you had a nervous system/sensory organ condition?

Universe:  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC23_ = '1'

Description:  
Sample adults aged 18+ years with difficulty due to a nervous system/sensory organ condition

Sources:  
AFLHC23_; ALDURB23

Recodes:  
ALCNDR_; ALCHRONR

Keywords:  
functional limitation; nervous system; sensory organs

Notes:  
Condition was coded as chronic (ALCHRC23 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Nervous system/sensory organ condition status recode

<table>
<thead>
<tr>
<th>Code</th>
<th>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 digestive system problems?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC24_ = '1'

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

**Sources:** AFLHC24_; ALDURB24

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; digestion

**Notes:** Condition was coded as chronic (ALCHRC24 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

**Digestive system problems condition status recode**

<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 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**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Chronic</td>
</tr>
<tr>
<td>2</td>
<td>Not chronic</td>
</tr>
<tr>
<td>9</td>
<td>Unknown if chronic</td>
</tr>
</tbody>
</table>
How long have you had an other mental problem/ADD/Bipolar/Schizophrenia?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC30_ = '1'

Description: Sample adults aged 18+ years with difficulty due to other mental problem/ADD/Bipolar/Schizophrenia

Sources: 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

1  Chronic
2  Not chronic
9  Unknown if chronic

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC31_ = '1'

Description: Sample adults aged 18+ years with difficulty due to surgical after-effects/medical treatment problems

Sources: AFLHC31_; ALDURB31

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; operation; surgery; other medical treatment

Notes: Condition was coded as chronic (ALCHRC31 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Surgical after-effects/medical treatment problems condition status recode

1  Chronic
2  Not chronic
9  Unknown if chronic
**2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS**

**Sample Adult**

**samadult : Adult Health Status & Limitations**

**PUBLIC USE**

**Document Version Date: 05-Dec-16**

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**Question ID:** AHS.331_02.000  
**Instrument Variable Name:** ALCHRC32  
**Final Documentation Name:** ALCHRC32

**How long have you had "old age"/elderly/aging-related problems?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC32_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to "old age"/elderly/aging-related problems

**Sources:** AFLHC32_; ALDURB32  
**Recodes:** ALCNDRT; ALCHRONR  
**Keywords:** functional limitation; elderly; old age; aging  
**Notes:** Condition was coded as chronic (ALCHRC32 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

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

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

---

**Question ID:** AHS.332_02.000  
**Instrument Variable Name:** ALCHRC33  
**Final Documentation Name:** ALCHRC33

**How long have you had a fatigue/tiredness/weakness problem?**

**Universe:**  
ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC33_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a fatigue/tiredness/weakness problem

**Sources:** AFLHC33_; ALDURB33  
**Recodes:** ALCNDRT; ALCHRONR  
**Keywords:** functional limitation; fatigue; tiredness; weakness  
**Notes:** Condition was coded as chronic (ALCHRC33 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Fatigue/tiredness/weakness problem condition status recode

- 1 Chronic
- 2 Not chronic
- 9 Unknown if chronic
### How long have you had a pregnancy-related problem?

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHC34_ = '1'

**Description:** Sample adults aged 18+ years with difficulty due to a pregnancy-related problem

**Sources:** AFLHC34_; ALDURB34

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; pregnancy

**Notes:** Condition was coded as chronic (ALCHRC34 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

#### Pregnancy-related condition status recode

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

### How long have you had {problem in AFLHCA90}??

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA90 = '1'

**Description:** Sample adults aged 18+ years with difficulty due to other impairment/problem (1)

**Sources:** AFLHCA90; ALDURB90

**Recodes:** ALCNDRT; ALCHRONR

**Keywords:** functional limitation; not elsewhere classified

**Notes:** N.E.C. is “not elsewhere classified.” Condition was coded as chronic (ALCHRC90 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

#### Other impairment/problem N.E.C. (1) condition status recode

<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 {problem in AFLHCA91}?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AFLHCA91 = '1'

Description: Sample adults aged 18+ years with difficulty due to other impairment/problem (2)

Sources: AFLHCA91; ALDURB91

Recodes: ALCNDRT; ALCHRONR

Keywords: functional limitation; not elsewhere classified

Notes: N.E.C. is “not elsewhere classified.” Condition was coded as chronic (ALCHRC91 = '1'), based on type of condition and/or reported duration of condition. See the Survey Description Document for more information.

Other impairment/problem N.E.C. (2) condition status recode

1 Chronic
2 Not chronic
9 Unknown if chronic

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

<table>
<thead>
<tr>
<th>Age first smoked fairly regularly</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>06-29</td>
<td>6-29 years</td>
</tr>
<tr>
<td>30</td>
<td>30 years or older</td>
</tr>
<tr>
<td>96</td>
<td>Never smoked regularly</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

### Do you NOW smoke cigarettes every day, some days or not at all?

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

**Description:** Sample adults aged 18+ years who ever smoked 100 cigarettes

<table>
<thead>
<tr>
<th>Smoke freq: everyday/some days/not at all</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Every day</td>
<td>1</td>
</tr>
<tr>
<td>Some days</td>
<td>2</td>
</tr>
<tr>
<td>Not at all</td>
<td>3</td>
</tr>
<tr>
<td>Refused</td>
<td>7</td>
</tr>
<tr>
<td>Not ascertained</td>
<td>8</td>
</tr>
<tr>
<td>Don't know</td>
<td>9</td>
</tr>
</tbody>
</table>
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 05-Dec-16

Question ID: AHB.030_00.000 R01 RECODE
Instrument Variable Name: SMKSTAT2
Final Documentation Name: SMKSTAT2

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ("997","999"))
Description: Sample adults aged 18+ years
Sources: SMKEV; SMKNOW
Recodes: None
Keywords: smoke; smoking status; cigarettes; tobacco
Notes: Some day smokers are persons who said they smoked some days, including those who reported smoking zero days in the past 30 days.

Smoking Status: Recode

1 Current every day smoker
2 Current some day smoker
3 Former smoker
4 Never smoker
5 Smoker, current status unknown
9 Unknown if ever smoked

Question ID: AHB.040_02.000 R02 RECODE
Instrument Variable Name: SMKQTYP
Final Documentation Name: SMKQTYP

Universe: ASTATFLG = 1 and (AGE GE '018' and AGE not IN ("997","999")) and SMKNOW = '3'
Description: Sample adults aged 18+ years who ever smoked 100 cigarettes but don't smoke now
Sources: SMKQTNO; SMKQTTP; AGE; SMKREG
Recodes: None
Keywords: smoke; quit smoking; cigarettes; tobacco; smoking cessation
Notes: Recoded for the public-use file. 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)

00 Less than 1 year
01-46 1-46 years
47 47+ years
97 Refused
98 Not ascertained
99 Don't know
Question ID: AHB.050_00.000  R01  RECODE
Instrument Variable Name: CIGSDA1
Final Documentation Name: CIGSDA1P

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: CIGSDAYP
Keywords: smoke; smoking; cigarettes; tobacco
Notes: Recoded for the public-use file.

Number cigs per day (daily smokers)

- 01-10: 1 - 10 cigarettes
- 11: 11 - 15 cigarettes
- 12: 16 - 24 cigarettes
- 13: 25+ cigarettes
- 97: Refused
- 98: Not ascertained
- 99: Don't know

Question ID: AHB.060_00.000  R01  RECODE
Instrument Variable Name: CIGDAMO
Final Documentation Name: CIGDAMOP

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: Recoded for the public-use file.

Number days smoked in past 30 days

- 00: None
- 01-12: 1-12 days
- 13: 13-25 days
- 14: 26+ days
- 97: Refused
- 98: Not ascertained
- 99: Don't know
On the average, when you smoked during the PAST 30 DAYS, about how many cigarettes did you smoke a day?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = '2' and (( '01' <=CIGDAMO<='30') or CIGDAMO = 97-99)

Description: Sample adults aged 18+ years who are current some day smokers and smoked 1-30 days in past month or number of days was refused, not ascertained, or not known

Sources: None

Recodes: CIGSDAYP

Keywords: smoke; smoking; cigarettes; tobacco

Notes: Recoded for the public-use file.

Number cigs per day (some day smokers)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>01-10</td>
<td>1-10 cigarettes</td>
</tr>
<tr>
<td>11</td>
<td>11-15 cigarettes</td>
</tr>
<tr>
<td>12</td>
<td>16-20 cigarettes</td>
</tr>
<tr>
<td>13</td>
<td>21-25 cigarettes</td>
</tr>
<tr>
<td>14</td>
<td>26-30 cigarettes</td>
</tr>
<tr>
<td>15</td>
<td>31+ cigarettes</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AHB.070_00.000  
**Instrument Variable Name:** CIGSDAYP

**Universe:**  
ASTATFLG = 1 and (AGE GE '018' and AGE not IN ('997','999')) and SMKNOW = 1 or [SMKNOW = 2 and CIGDAMO = 01-30, 97-99]

**Description:** Sample adults aged 18+ years who smoked everyday or smoked some days, and smoked 1-30 days or (Ref/NA/DK number of days} in the past 30 days

**Sources:** CIGSDA1; CIGSDA2

**Recodes:** None

**Keywords:** smoke; smoking; cigarettes; tobacco

**Notes:** Recoded for the public-use file. 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.

<table>
<thead>
<tr>
<th>Number of cigarettes a day (all current smokers)</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-10</td>
</tr>
<tr>
<td>11</td>
</tr>
<tr>
<td>12</td>
</tr>
<tr>
<td>13</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

**Question ID:** AHB.080_00.000  
**Instrument Variable Name:** CIGQTYR

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

**Description:** Sample adults aged 18+ years who are every day or someday smokers

**Sources:** None

**Recodes:** None

**Keywords:** smoke; quit smoking; cigarettes; tobacco; smoking cessation

**Notes:** None

**Tried quit smoking 1+ days, past 12 m**

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

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

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

* Do not include electronic cigarettes or e-cigarettes.

**Question ID:** AHB.085_00.010  
**Instrument Variable Name:** OTHCIGE  
**Final Documentation Name:** OTHCIGEV  

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

**Sources:** None  
**Recodes:** None  
**Keywords:** other tobacco products; tobacco products; other than cigarettes; smoking  
**Notes:** One of six other tobacco questions in the 2014 AHB questionnaire.

Ever smoked tobacco products, OTHER than cigarettes

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Do you NOW smoke tobacco products other than cigarettes every day, some days, rarely, or not at all?

**Question ID:** AHB.085_00.020  
**Instrument Variable Name:** OTHCIGED  
**Final Documentation Name:** OTHCIGED

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

**Description:** Sample adults 18+ who have ever smoked tobacco products other than cigarettes

**Sources:** None

**Recodes:** None

**Keywords:** other tobacco products; tobacco products; other than cigarettes; smoke/smoking

**Notes:** One of six other tobacco questions in the 2014 AHB questionnaire.

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

1. Every day  
2. Some days  
3. Rarely  
4. Not at all  
7. Refused  
8. Not ascertained  
9. Don't know
Smokeless tobacco products are placed in the mouth or nose and can include chewing tobacco, snuff, dip, snus (snoose), or dissolvable tobacco.

Have you ever used smokeless tobacco products EVEN ONE TIME?

* Do not include nicotine replacement therapy products (patch, gum, lozenge, spray), which are considered smoking cessation treatments.

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

Sources: None

Recodes: None

Keywords: smokeless tobacco; other tobacco products; other than cigarettes; smoke/smoking

Notes: One of six other tobacco questions in the 2014 AHB questionnaire.
**Question ID:** AHB.085_00.040  
**Instrument Variable Name:** SMKLESED  
**Final Documentation Name:** SMKLESED

**Do you NOW use smokeless tobacco products every day, some days, rarely, or not at all?**

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

**Description:** Sample adults 18+ who have ever used smokeless tobacco products

**Sources:** None

**Recodes:** None

**Keywords:** smokeless tobacco; other tobacco products; other than cigarettes; smoke/smoking

**Notes:** One of six other tobacco questions in the 2014 AHB questionnaire.

Smokeless tobacco freq: everyday/some days/rarely/not at all

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

---

**Question ID:** AHB.085_00.050  
**Instrument Variable Name:** TOBLASYR  
**Final Documentation Name:** TOBLASYR

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

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

**Description:** Sample adults 18+ who smoked at least 100 cigarettes in their entire life, ever smoked tobacco products other than cigarettes, or ever used smokeless tobacco products

**Sources:** None

**Recodes:** None

**Keywords:** any kind of tobacco product; smokeless tobacco; other tobacco products; other than cigarettes; smoke/smoking

**Notes:** One of six other tobacco questions in the 2014 AHB questionnaire.

Using any tobacco product, around this time last year

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
During the past 12 months, have you stopped using ALL KINDS of tobacco products for more than one day because you were trying to quit using tobacco?

* “All kinds” means trying to quit using tobacco completely, including smoking cigarettes, smoking products other than cigarettes, and using smokeless tobacco products.

<table>
<thead>
<tr>
<th>Question ID:</th>
<th>AHB.085_00.060</th>
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</thead>
<tbody>
<tr>
<td>Instrument Variable Name:</td>
<td>TOBQTYR</td>
</tr>
<tr>
<td>Final Documentation Name:</td>
<td>TOBQTYR</td>
</tr>
</tbody>
</table>

| Tried quit all tobacco products 1+ days, past 12 m |
|----------------|----------------|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
The next questions are about electronic cigarettes, often called e-cigarettes. E-cigarettes look like regular cigarettes, but are battery-powered and produce vapor instead of smoke.

Have you ever used an e-cigarette, even one time?

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

Description: Sample adults GE 18 years

Sources: None

Recodes: None

Keywords: e-cigarettes; electronic cigarettes; e-cigs; smoking

Notes: Added in 2014 to AHB section.

Ever used electronic cigarettes (e-cig)

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

Do you now use e-cigarettes every day, some days, or not at all?

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

Description: Sample adults 18+ who have ever used e-cigarettes

Sources: None

Recodes: None

Keywords: e-cigarettes; electronic cigarettes; e-cigs; smoking

Notes: Added in 2014 to the AHB section.

E-cig freq: everyday/some days/not at all

1  Every day
2  Some days
3  Not at all
7  Refused
8  Not ascertained
9  Don't know
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Health Behaviors
PUBLIC USE
Document Version Date: 05-Dec-16

**Question ID:** AHB.131_01.000  R01 RECODE
**Instrument Variable Name:**
Final Documentation Name: PA08_3R

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

**Sources:** VIGNO; VIGTP; VIGLNGNO; VIGLNGTP; MODNO; MODTP; MODLNGNO; MODLNGTP
**Recodes:** None
**Keywords:** physical activity; active; exercise; light activity; vigorous activity; moderate activity
**Notes:** Recoded for the public-use file.


1. Inactive (No activity)
2. Insufficiently active (<150 min/wk)
3. Sufficiently active (150+ min/wk)

**Question ID:** AHB.131_02.000  R02 RECODE
**Instrument Variable Name:**
Final Documentation Name: PA08_4R

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

**Sources:** VIGNO; VIGTP; VIGLNGNO; VIGLNGTP; MODNO; MODTP; MODLNGNO; MODLNGTP
**Recodes:** None
**Keywords:** physical activity; active; exercise; light activity; vigorous activity; moderate activity
**Notes:** Recoded for the public-use file.


1. Inactive (None)
2. Insufficiently active (<150 min/wk)
3. Sufficiently active (150<=min/wk<=300)
4. Highly active (>300 min/wk)
<table>
<thead>
<tr>
<th>Question ID: AHB.131_03.000</th>
<th>R03 RECODE</th>
<th>Instrument Variable Name:</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
<td>Final Documentation Name: STRENGTH</td>
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</table>

**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; active; exercise; strengh; strenghtening

**Notes:** Recoded for the public-use file.


<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>None/unable/lt 1 time/wk</td>
</tr>
<tr>
<td>2</td>
<td>2+ times/wk</td>
</tr>
</tbody>
</table>

<table>
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<th>R04 RECODE</th>
<th>Instrument Variable Name:</th>
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**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999'))

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

**Sources:** VIGNO; VIGTP; VIGLNGNO; VIGLNGB; MODNO; MODTP; MODLNGNO; MODLNGTP; STRNGNO; STRNGTP

**Recodes:** None

**Keywords:** physical activity; exercise; light activity; vigorous activity; moderate activity; strengthening; aerobic; guideline

**Notes:** Recoded for the public-use file.


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<table>
<thead>
<tr>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Met neither guideline</td>
</tr>
<tr>
<td>2</td>
<td>Met strengthening guideline ONLY</td>
</tr>
<tr>
<td>3</td>
<td>Met aerobic guideline ONLY</td>
</tr>
<tr>
<td>4</td>
<td>Met BOTH guidelines (aerobic and strengthening)</td>
</tr>
</tbody>
</table>
Question ID: AHB.170_00.000 R01 RECODE  
Instrument Variable Name: Final Documentation Name: ALCSTAT

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

Sources: ALC1YR; ALCLIFE; ALC12MYR; ALCAMT; SEX
Recodes: None
Keywords: alcohol; drinking
Notes: Lifetime abstainer: <12 drinks in lifetime; Former infrequent: 12+ drinks in lifetime but never as many as 12 in 1 yr and none in past yr; Former regular: 12+ drinks in lifetime, 12+ drinks in 1 yr, but none in past yr; Former unknown frequency: 12+ drinks in lifetime, none in past year, don't know if 12+ in any 1 yr; Current infrequent: 12+ drinks in lifetime, and 1-11 drinks in past yr; Current light: 12+ drinks in lifetime, and <=3 drinks per week in past yr; Current moderate: 12+ drinks in lifetime, and (male) >3 drinks per week up to 14 drinks per week OR (female) >3 drinks per week up to 7 drinks per week; Current heavier: 12+ drinks in lifetime, and (male) >14 drinks per week in past year OR (female) >7 drinks per week in past yr. (Average consumption)

<table>
<thead>
<tr>
<th>Alcohol drinking status</th>
<th>Recode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifetime abstainer</td>
<td>01</td>
</tr>
<tr>
<td>Former infrequent</td>
<td>02</td>
</tr>
<tr>
<td>Former regular</td>
<td>03</td>
</tr>
<tr>
<td>Former, unknown frequency</td>
<td>04</td>
</tr>
<tr>
<td>Current infrequent</td>
<td>05</td>
</tr>
<tr>
<td>Current light</td>
<td>06</td>
</tr>
<tr>
<td>Current moderate</td>
<td>07</td>
</tr>
<tr>
<td>Current heavier</td>
<td>08</td>
</tr>
<tr>
<td>Current drinker, frequency/level unknown</td>
<td>09</td>
</tr>
<tr>
<td>Drinking status unknown</td>
<td>10</td>
</tr>
</tbody>
</table>
Question ID: AHB.180_02.000  R01 RECODE  Instrument Variable Name: ALC5UPYP

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 = 1-3

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: Recoded for the public-use file. 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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>000</td>
<td>Never/None</td>
</tr>
<tr>
<td>001-018</td>
<td>1-18 days</td>
</tr>
<tr>
<td>019</td>
<td>19+ days</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AHB.190_04.000  R03 RECODE  Instrument Variable Name: AHEIGHT

How tall are you without shoes?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: BMI

Keywords: height

Notes: AHEIGHT contains values of 59-76 inches for men’s and women’s heights; heights not in this range were coded to “96” for Not available. Not available (96) refers to persons who had extreme values in either height or weight or both. See Survey Description Document for details.

Total height in inches

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>59-76</td>
<td>59-76 inches</td>
</tr>
<tr>
<td>96</td>
<td>Not available</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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: Recoded for the public-use file. 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. AWEIGHP includes values of 126-285 lbs for men and 100-285 lbs for women. Pregnant women, aged 18-49 years, were not excluded from this question and they may be identified using the variable PREGNOW (ACN. 370). See Survey Description Document for details.

Weight without shoes (pounds)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>100-285</td>
<td>100-285 pounds</td>
</tr>
<tr>
<td>996</td>
<td>Not available</td>
</tr>
<tr>
<td>997</td>
<td>Refused</td>
</tr>
<tr>
<td>998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Body Mass Index (BMI)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Underweight</td>
</tr>
<tr>
<td>2</td>
<td>Healthy weight</td>
</tr>
<tr>
<td>3</td>
<td>Overweight</td>
</tr>
<tr>
<td>4</td>
<td>Obese</td>
</tr>
<tr>
<td>5</td>
<td>Unknown</td>
</tr>
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</table>
Question ID: AAU.020_00.000

Instrument Variable Name: AUSUALPL

Final Documentation Name: AUSUALPL

Is there a place that you USUALLY go to when you are sick or need advice about your health?

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; health care provider

Notes: None

Place USUALLY go when sick

<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>There is NO place</td>
</tr>
<tr>
<td>3</td>
<td>There is MORE THAN ONE place</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

Question ID: AAU.030_00.000

Instrument Variable Name: APLKIND

Final Documentation Name: APLKIND

['If AUSUALPL = 1] What kind of place is it - a clinic, doctor's office, emergency room, or some other place? [Else, if AUSUALPL = 3] What kind of place do you go to most often - a clinic, doctor's office, emergency room, or some other place?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL IN('1','3')

Description: Sample adults aged 18+ years with 1+ usual place(s) to go when sick/need health advice

Sources: None

Recodes: None

Keywords: access; source; health care provider

Notes: None

Place to go when sick (most often)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Clinic or health center</td>
</tr>
<tr>
<td>2</td>
<td>Doctor's office or HMO</td>
</tr>
<tr>
<td>3</td>
<td>Hospital emergency room</td>
</tr>
<tr>
<td>4</td>
<td>Hospital outpatient department</td>
</tr>
<tr>
<td>5</td>
<td>Some other place</td>
</tr>
<tr>
<td>6</td>
<td>Doesn't go to one place most often</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
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.
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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<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>Doesn't get preventive care anywhere</td>
</tr>
<tr>
<td>1</td>
<td>Clinic or health center</td>
</tr>
<tr>
<td>2</td>
<td>Doctor's office or HMO</td>
</tr>
<tr>
<td>3</td>
<td>Hospital emergency room</td>
</tr>
<tr>
<td>4</td>
<td>Hospital outpatient department</td>
</tr>
<tr>
<td>5</td>
<td>Some other place</td>
</tr>
<tr>
<td>6</td>
<td>Doesn't go to one place most often</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**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

| Change health care place, past 12 m |
|---|---|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |

**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

| Change related to health insurance |
|---|---|
| 1 | Yes |
| 2 | No |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don't know |
Question ID: AAU.050_01.010  
Instrument Variable Name: ANOUSPL1-ANOUSPL9  
Final Documentation Name: ANOUSPL1

Why don't you have a usual source of medical care?  …Doesn't need a doctor/Haven't had any problems

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

Description:  Sample adults aged 18+ years without a usual place of care

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

Doesn't need doctor/haven't had problems

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

Question ID: AAU.050_02.010  
Instrument Variable Name: ANOUSPL1-ANOUSPL9  
Final Documentation Name: ANOUSPL2

Why don't you have a usual source of medical care?  …Doesn't like/trust/believe in doctors

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

Description:  Sample adults aged 18+ years without a usual place of care

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

Doesn't like/trust/believe in doctors

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don't know
**2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS**  
**Sample Adult**  
**samadult : Adult Access to Health Care & Utilization**  
**PUBLIC USE**  
**Document Version Date: 05-Dec-16**

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<th>ANOUSLPL1-ANOUSLPL9</th>
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<tbody>
<tr>
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<td>ANOUSPL3</td>
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</table>

**Why don't you have a usual source of medical care? …Doesn't know where to go**

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

**Description:** Sample adults aged 18+ years without a usual place of care

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

**Doesn't know where to go**

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

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<th>AAU.050_04.010</th>
<th>Instrument Variable Name:</th>
<th>ANOUSLPL1-ANOUSLPL9</th>
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<tbody>
<tr>
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<td>Final Documentation Name:</td>
<td>ANOUSPL4</td>
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</table>

**Why don't you have a usual source of medical care? …Previous doctor is not available/moved**

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

**Description:** Sample adults aged 18+ years without a usual place of care

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

**Previous doctor is not available/moved**

| 1 | Mentioned |
| 2 | Not mentioned |
| 7 | Refused |
| 8 | Not ascertained |
| 9 | Don’t know |
Why don’t you have a usual source of medical care?  …Too expensive/no insurance/cost

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

Description:  Sample adults aged 18+ years without a usual place of care

Sources:  None

Recodes:  None

Keywords:  access; source; health care provider; health insurance

Notes:  None

Too expensive/no insurance/cost

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

Why don’t you have a usual source of medical care?  …Speak a different language

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

Description:  Sample adults aged 18+ years without a usual place of care

Sources:  None

Recodes:  None

Keywords:  access; source; health care provider; language

Notes:  None

Speak a different language

1  Mentioned
2  Not mentioned
7  Refused
8  Not ascertained
9  Don’t know
Why don't you have a usual source of medical care?  …No care available/Care too far away, not convenient

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

Description: Sample adults aged 18+ years without a usual place of care

Sources: None
Recodes: None
Keywords: access; source; health care provider; inconvenient; distance
Notes: None

No care available/too far away/not convenient

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

Why don't you have a usual source of medical care?  …Put it off/Didn't get around to it

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

Description: Sample adults aged 18+ years without a usual place of care

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

Put if off/didn't get around to it

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
Why don't you have a usual source of medical care?  …Other

Universe:  ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AUSUALPL='2'
Description:  Sample adults aged 18+ years without a usual place of care

Other reason no usual place of care

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

DURING THE PAST 12 MONTHS, did you have any trouble finding a general doctor or provider who would see you?

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

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:** None

Able to find doctor/provider, past 12 m

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

### Question ID: AAU.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:** None

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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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.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

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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>No</td>
<td></td>
<td></td>
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**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

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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

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

There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... Once you get there, you have to wait too long to see the doctor

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; access problems; waiting time
Notes: None

Wait too long in doctor's office, past 12 m
1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
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

Not open when you could go, past 12 m

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

There are many reasons people delay getting medical care. Have you delayed getting care for any of the following reasons in the PAST 12 MONTHS? ..... You didn't have transportation

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; delayed care; transportation problems
Notes: None

No transportation, past 12 m

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2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Access to Health Care & Utilization
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Document Version Date: 05-Dec-16

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

**During the past 12 months,** was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Prescription medicines

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

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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; medical expense; cost of medication; drugs

**Notes:** None

**Couldn't afford prescription medicine, past 12 m**

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

---

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

**During the past 12 months,** was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Mental health care or counseling

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

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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; medical expense; therapy; counseling

**Notes:** None

**Couldn't afford mental health care/counseling, past 12 m**

1  Yes  
2  No  
7  Refused  
8  Not ascertained  
9  Don't know
Question ID: AAU.111_03.000
Instrument Variable Name: AHCAFY_3
Final Documentation Name: AHCAFYR3

DURING THE PAST 12 MONTHS, was there any time when you needed any of the following, but didn't get it because you couldn't afford it? ..... Dental care (including check-ups)

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

Sources: None
Recodes: None
Keywords: access; source; dental expense; cost of dental care; oral health; unmet dental needs
Notes: None

Couldn't afford dental care, past 12 m

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

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
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: None

1. Couldn't afford to see a specialist, 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?

...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: None

1. Couldn't afford follow-up care, past 12 m
   1. Yes
   2. No
   7. Refused
   8. Not ascertained
   9. Don't know
### Question ID: AAU.113_00.010

**Instrument Variable Name:** AWORPAY  
**Final Documentation Name:** AWORPAY

If you get sick or have an accident, how worried are you that you will be able to pay your medical bills? Are you very worried, somewhat worried, or not at all worried?

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

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<td>Somewhat worried</td>
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<td>3</td>
<td>Not at all worried</td>
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### Question ID: AAU.113_00.020

**Instrument Variable Name:** AHICOMP  
**Final Documentation Name:** AHICOMP

In regard to your health insurance or health care coverage, how does it compare to a year ago? Is it better, worse, or about the same?

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

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</table>
### Question ID: AAU.126_01.010

**Instrument Variable Name:** ARX12MO  
**Final Documentation Name:** ARX12MO

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

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

**Description:** Sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; prescription; medication; drugs  
**Notes:** None

Prescribed medication by doctor/health professional, past 12 m

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### Question ID: AAU.127_01.010

**Instrument Variable Name:** ARX12_1  
**Final Documentation Name:** ARX12_1

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

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; prescription drugs; cost  
**Notes:** None

Skipped medication doses to save money, past 12 m

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

**DURING THE PAST 12 MONTHS, were any of the following true for you?**

...you took less medicine to save money

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**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:** None

---

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

**DURING THE PAST 12 MONTHS, were any of the following true for you?**

...You delayed filling a prescription to save money

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**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:** None
Question ID: AAU.127_04.010
Instrument Variable Name: ARX12_4
Final Documentation Name: ARX12_4

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: None

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: None

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
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
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samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 05-Dec-16

**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:** None

| Used alternative therapies to save money, past 12 m |
|-----------------|-----------------|
| 1               | Yes             |
| 2               | No              |
| 7               | Refused         |
| 8               | Not ascertained |
| 9               | Don't know      |

**Question ID:** AAU.135_00.000

**Instrument Variable Name:** ADENLONG

**Final Documentation Name:** ADNLONG2

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

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

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

**Sources:** None

**Recodes:** None

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

**Notes:** None

| Time since last saw a dentist |
|-----------------------------|-----------------|
| 0                           | Never           |
| 1                           | 6 months or less|
| 2                           | More than 6 mos, but not more than 1 yr ago |
| 3                           | More than 1 yr, but not more than 2 yrs ago |
| 4                           | More than 2 yrs, but not more than 5 yrs ago |
| 5                           | More than 5 years ago |
| 7                           | Refused         |
| 8                           | Not ascertained |
| 9                           | Don't know      |
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
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samadult : Adult Access to Health Care & Utilization
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Document Version Date: 05-Dec-16

Question ID: AAU.141_01.000
Instrument Variable Name: AHCSY1_1
Final Documentation Name: AHCSYR1

DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A mental health professional such as a psychiatrist, psychologist, psychiatric nurse, or clinical social worker

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

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

Seen/talked to mental health professional, past 12 m

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

Question ID: AAU.141_02.000
Instrument Variable Name: AHCSY1_2
Final Documentation Name: AHCSYR2

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

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**Question ID:** AAU.141_06.000  
**Instrument Variable Name:** AHCSY1_6  
**Final Documentation Name:** AHCSYR6

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A nurse practitioner, physician assistant, or midwife**

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; dr. visit/contact; midwife; nurse; physician assistant  
**Notes:** None

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

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### Question ID: AAU.200_00.000  
**Instrument Variable Name:** AHCSYR7  
**Final Documentation Name:** AHCSYR7

**DURING THE PAST 12 MONTHS,** have you seen or talked to any of the following health care providers about your own health?  
**... A doctor who specializes in women’s health (an obstetrician/gynecologist)?**

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

Description:  
Female Sample adults aged 18+ years

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; dr. visit/contact; gynecologist; obstetrician |
| Notes: | None |

Seen/talked to OB/GYN, past 12 m

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

### 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

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>Refused</th>
<th>Not ascertained</th>
<th>Don't know</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
<td>No</td>
<td>Refused</td>
<td>Not ascertained</td>
<td>Don't know</td>
</tr>
<tr>
<td>2</td>
<td>Yes</td>
<td>No</td>
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<tr>
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</tbody>
</table>
**Question ID:** AAU.211_02.000  
**Instrument Variable Name:** AHCSY8_9  
**Final Documentation Name:** AHCSYR9

**DURING THE PAST 12 MONTHS, have you seen or talked to any of the following health care providers about your own health? ..... A general doctor who treats a variety of illnesses (a doctor in general practice, family medicine, or internal medicine)**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; dr. visit/contact; general practitioner; internist; family doctor

**Notes:** None

Seen/talked to a general doctor, past 12 m

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

**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
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:  AHERNOY2

Recodes: None

Keywords: access; source; emergency room visit (ER); emergency department visit (ED); critical care

Notes: Top-coded for Public Use file.

# times in ER/ED, past 12 m

<table>
<thead>
<tr>
<th># times</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
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<td>4-5</td>
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<td>4</td>
<td>6 or more</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>

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: None

ER visit at night or on weekend

<table>
<thead>
<tr>
<th># times</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
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<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
**Question ID:** AAU.245_00.010  
**Instrument Variable Name:** AERHOS  
**Final Documentation Name:** AERHOS

**Did this emergency room visit result in a hospital admission?**

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None

**Recodes:** None

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

**Notes:** None

**ER visit resulted in hospital admission**

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

**Question ID:** AAU.248_01.010  
**Instrument Variable Name:** AERREAS1  
**Final Documentation Name:** AERREAS1R

**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:** None

**ER visit because didn't have another place to go**

1. Yes  
2. No  
7. Refused  
8. Not ascertained  
9. Don't know
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 05-Dec-16

**Question ID:** AAU.248_02.020  
**Instrument Variable Name:** AERREAS2  
**Final Documentation Name:** AERREA2R

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

... Your doctor's office or clinic was not open

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care  
**Notes:** None

ER visit because doctors office or clinic was not open

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

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

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

... Your health provider advised you to go

**Universe:** ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')

**Description:** Sample adults aged 18+ years who had at least one ER visit in the past year

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; emergency room visit (ER); emergency department visit (ED); critical care  
**Notes:** None

ER visit because advised by health provider to go

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<tbody>
<tr>
<td>1</td>
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<td>8</td>
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</tr>
<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Tell me which of these apply to your last emergency room visit?

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01' <= AHERNOY2 <= '08')
Description: Sample adults aged 18+ years who had at least one ER visit in the past year

Sources: None
Recodes: None
Keywords: access; source; emergency room (ER); emergency department visit (ED); critical care
Notes: None

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

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

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

... Only a hospital could help you

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: None

ER visit because only hospital could help

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Tell me which of these apply to your last emergency room visit?

... the emergency room is your closest provider

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and ('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: None

ER visit because it is closest provider

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

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

... you 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: None

ER visit because it is usual place to get care

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Tell me which of these apply to your last emergency room visit?

…you 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:** None

Arrived at ER by ambulance/other emergency vehicle

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

**Question ID:** AAU.248_08.080  
**Instrument Variable Name:** AERREAS8  
**Final Documentation Name:** AERREAS8R

---

**Question ID:** AAU.250_00.000  
**Instrument Variable Name:** AHCHYR  
**Final Documentation Name:** AHCHYR

**During the past 12 months, did you receive care at home from a nurse or other health care professional?**

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

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

**Sources:** None

**Recodes:** None

**Keywords:** access; source; home health visit; treatment; visiting nurse

**Notes:** None

Received home care from health professional, past 12 m

- 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?**

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCHYR = '1'</th>
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</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years who received home care from health professional during past 12 months</td>
</tr>
</tbody>
</table>

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; home health visit; treatment; visiting nurse |
| Notes: | None |

<table>
<thead>
<tr>
<th># months of home care, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>01-12</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>98</td>
</tr>
<tr>
<td>99</td>
</tr>
</tbody>
</table>

### Question ID: AAU.270_00.000

**Instrument Variable Name:** AHCHNOYR

**Final Documentation Name:** AHCHNOYR

**What was the total number of home visits received during {that month/those months}?**

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AHCHYR = '1'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>Sample adults aged 18+ years who received home care from health professional during past 12 months</td>
</tr>
</tbody>
</table>

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; home health visit; treatment; visiting nurse |
| Notes: | None |

<table>
<thead>
<tr>
<th>Total number of home visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
</tr>
<tr>
<td>02</td>
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<tr>
<td>03</td>
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<tr>
<td>04</td>
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<td>08</td>
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<tr>
<td>97</td>
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<tr>
<td>98</td>
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<tr>
<td>99</td>
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</tbody>
</table>
DURING THE PAST 12 MONTHS, HOW MANY TIMES 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 months

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
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<tr>
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<td>13-15</td>
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<tr>
<td>08</td>
<td>16 or more</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AAU.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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
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<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>

Question ID: AAU.300_00.000 R01 RECODE
Instrument Variable Name: ASRGNOYR
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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</tr>
</thead>
<tbody>
<tr>
<td>01-10</td>
<td>1-10</td>
</tr>
<tr>
<td>11</td>
<td>11+</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

Time since last seen/talked to health professional

0  Never
1  6 months or less
2  More than 6 mos, but not more than 1 yr ago
3  More than 1 yr, but not more than 2 yrs ago
4  More than 2 yrs, but not more than 5 yrs ago
5  More than 5 years ago
7  Refused
8  Not ascertained
9  Don't know
Thinking about your last visit for any type of medical care, where did you go?

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

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

**Source:** None

**Recode:** None

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

**Note:** None

### Place of last medical visit

<table>
<thead>
<tr>
<th>Place</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinic or health center</td>
<td>1</td>
</tr>
<tr>
<td>Doctor's office or HMO</td>
<td>2</td>
</tr>
<tr>
<td>Hospital emergency room</td>
<td>3</td>
</tr>
<tr>
<td>Hospital outpatient department</td>
<td>4</td>
</tr>
<tr>
<td>Urgent care center</td>
<td>5</td>
</tr>
<tr>
<td>Some other place</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>

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

#### General doctor

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN (’997’,’999’)) and AVISLAST IN(’1’,’2’,’4’,’6’)

**Description:** Sample adults aged 18+ years who visited a clinic, doctor’s office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit

**Source:** None

**Recode:** None

**Keyword:** access; source; health care provider; GP

**Note:** None

### General doctor seen on last visit

<table>
<thead>
<tr>
<th>Mentioned</th>
<th>Code</th>
</tr>
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<tbody>
<tr>
<td>1</td>
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<td>Refused</td>
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<tr>
<td>Not ascertained</td>
<td>8</td>
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<td>Question ID: AAU.306_00.022</td>
<td>Instrument Variable Name: ALASTTYP1-ALASTTYP4</td>
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<tr>
<td>-----------------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>Did you see a general doctor, specialist, nurse practitioner/physician assistant or someone else?</td>
<td></td>
</tr>
<tr>
<td>.... specialist</td>
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<tr>
<td>Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','4','6')</td>
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</tr>
<tr>
<td>Description: Sample adults aged 18+ years who visited a clinic, doctor's office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit</td>
<td></td>
</tr>
<tr>
<td>Sources: None</td>
<td></td>
</tr>
<tr>
<td>Recodes: None</td>
<td></td>
</tr>
<tr>
<td>Keywords: access; source; health care provider; specialist</td>
<td></td>
</tr>
<tr>
<td>Notes: None</td>
<td></td>
</tr>
</tbody>
</table>

Specialist seen on last visit

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

<table>
<thead>
<tr>
<th>Question ID: AAU.306_00.023</th>
<th>Instrument Variable Name: ALASTTYP1-ALASTTYP4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Did you see a general doctor, specialist, nurse practitioner/physician assistant or someone else?</td>
<td></td>
</tr>
<tr>
<td>.... nurse practitioner/physician assistant</td>
<td></td>
</tr>
<tr>
<td>Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','4','6')</td>
<td></td>
</tr>
<tr>
<td>Description: Sample adults aged 18+ years who visited a clinic, doctor's office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit</td>
<td></td>
</tr>
<tr>
<td>Sources: None</td>
<td></td>
</tr>
<tr>
<td>Recodes: None</td>
<td></td>
</tr>
<tr>
<td>Keywords: access; source; health care provider; nurse practitioner, NP; physician assistant; PA</td>
<td></td>
</tr>
<tr>
<td>Notes: None</td>
<td></td>
</tr>
</tbody>
</table>

Nurse practitioner/physician assistant seen on last visit

1. Mentioned
2. Not mentioned
7. Refused
8. Not ascertained
9. Don't know
**Question ID:** AAU.306_00.024  
**Instrument Variable Name:** ALASTTYP1-ALASTTYP4  
**Final Documentation Name:** ALASTYP4

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

**Universes:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN ('1','2','4','6')

**Description:** Sample adults aged 18+ years who visited a clinic, doctor's office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit.

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider

**Notes:** None

*Other health provider seen on last visit*

<table>
<thead>
<tr>
<th>Value</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:** AAU.306_00.025 R01 RECODE  
**Instrument Variable Name:**

**Final Documentation Name:** ALASTVRB

**What kind of health professional did you see at your last visit?**

**Universes:**  
ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ALASTYP4='1'

**Description:** Sample adults aged 18+ years who visited a clinic, doctor's office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit and who saw some other kind of provider.

**Sources:** ALASTSPC

**Recodes:** None

**Keywords:** access; source; health care provider

**Notes:** Recode created from the variable ALASTSPC which is located on the in-house file only. Verbatim responses were cleaned to maintain confidentiality.

*Other Health professional seen (categorized verbatim)*

<table>
<thead>
<tr>
<th>Verbatim</th>
<th>Verbatim response categorized</th>
</tr>
</thead>
</table>
For this visit, how long did you have to wait between the time you made the appointment and the day you actually saw
the doctor or other health professional?

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','4','6')

Description: Sample adults aged 18+ years who visited a clinic, doctor’s office/HMO, hospital outpatient department or
someplace else (not ER or urgent care center) on their last visit

Sources: AVISAPN2

Recodes: None

Keywords: access; source; health care provider; waiting time

Notes: Top-coded for the Public Use file.

Appointment wait time-number

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>same day/walk-in/no appt made</td>
</tr>
<tr>
<td>01-09</td>
<td>1-9</td>
</tr>
<tr>
<td>10</td>
<td>10-95</td>
</tr>
<tr>
<td>96</td>
<td>Routine appt/appt arranged on a previous visit/rec'd appt reminder card</td>
</tr>
<tr>
<td>97</td>
<td>Refused</td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>99</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AU.307_02.020
Instrument Variable Name: AVISAPTT
Final Documentation Name: AVISAPT2

2 of 2

*Enter time period for appointment wait time.

Universe: ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01'<=AVISAPN2<='95','98','99')

Description: Sample adults aged 18+ years who visited a clinic, doctor’s office/HMO, hospital outpatient department or someplace else (not ER or urgent care center) on their last visit and gave a number or NA/DK for length of time to make an appointment. [Excludes routine appts., appts. made in previous visits, and appts. for which a reminder card was received]

Sources: None
Recodes: None
Keywords: access; sources; health care provider; waiting time
Notes: None

Appointment wait time-time period

1 Days
2 Weeks
3 Months
7 Refused
8 Not ascertained
9 Don’t know
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS
Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 05-Dec-16

**Question ID:** AAU.308_01.010  R01  RECODE

**Instrument Variable Name:** AWAITRMN

**Final Documentation Name:** AWAITRNP

How long did you have to wait in the waiting room before you saw a doctor or other health professional for this visit?

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and AVISLAST IN('1','2','3','4','5','6')

**Description:** Sample adults aged 18+ years who had a place of last medical visit

**Sources:** AWAITRMN

**Recodes:** None

**Keywords:** access; sources; health care provider; waiting time

**Notes:** Continuous variable collapsed into categories for the Public Use file.

**Time in waiting room - number**

<table>
<thead>
<tr>
<th>Number</th>
<th>Time Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>No time</td>
</tr>
<tr>
<td>01-10</td>
<td>1-10</td>
</tr>
<tr>
<td>11</td>
<td>11-20</td>
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<tr>
<td>12</td>
<td>21-30</td>
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<tr>
<td>13</td>
<td>31-40</td>
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<tr>
<td>14</td>
<td>41-96</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:** AAU.308_02.020

**Instrument Variable Name:** AWAITRMT

**Final Documentation Name:** AWAITRMT

*Enter time period for time in the waiting room.*

**Universe:** ASTATFLG='1' and (AGE GE '018' and AGE not IN ('997','999')) and ('01'<=AWAITRMN<='96','98','99')

**Description:** Sample adults aged 18+ years who had a place of last medical visit and gave a number or NA/DK for waiting room time.

**Sources:** None

**Recodes:** None

**Keywords:** access; source; health care provider; waiting time

**Notes:** None

**Time in waiting room - time period**

<table>
<thead>
<tr>
<th>Number</th>
<th>Time Period</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>
**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: None

Looked up health information on Internet, past 12 m

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

**Question ID:** AAU.309_00.010  
**Instrument Variable Name:** HIT1A  
**Final Documentation Name:** HIT1A

**DURING THE PAST 12 MONTHS**, have you ever used computers for any of the following

**...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: None

Filled a prescription on Internet, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
Question ID: AAU.309_00.030

Instrument Variable Name: HIT3A

Final Documentation Name: HIT3A

DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

...Schedule an appointment with a health care provider

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; HIT; visit, doctor, nurse; dentist;

Notes: None

Scheduled medical appointment on Internet, past 12 m

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

Question ID: AAU.309_00.040

Instrument Variable Name: HIT4A

Final Documentation Name: HIT4A

DURING THE PAST 12 MONTHS, have you ever used computers for any of the following

...Communicate with a health care provider by email

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; HIT; doctor; nurse; dentist

Notes: None

Communicated with health care provider by email, past 12 m

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>
### Question ID: AAU.309_00.050
#### Instrument Variable Name: HIT5A
#### Final Documentation Name: HIT5A

**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:** None

<table>
<thead>
<tr>
<th>Used chat groups to learn about health topics, past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>

### Question ID: AAU.310_00.000
#### Instrument Variable Name: SHTFLUYR
#### Final Documentation Name: SHTFLU2

**DURING THE PAST 12 MONTHS, have you had a flu shot? A flu shot is usually given in the fall and protects against influenza for the flu season. [A flu shot is injected in the arm. Do not include an influenza vaccine sprayed in the nose.]**

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

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

**Sources:** None
**Recodes:** None
**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; H1N1; swine flu; pandemic flu
**Notes:** None

<table>
<thead>
<tr>
<th>Flu shot past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
During what month and year did you receive your most recent flu shot?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SHTFLU2='1'

Description: Sample adults aged 18+ years who have had a flu shot

Sources: None

Recodes: None

Keywords: access; source; flu; flu shot; flu vaccine; influenza; H1N1; swine flu; pandemic flu

Notes: None

Month of most recent flu shot

01 January
02 February
03 March
04 April
05 May
06 June
07 July
08 August
09 September
10 October
11 November
12 December
97 Refused
98 Not ascertained
99 Don't know
**2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS Sample Adult**

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

PUBLIC USE

Document Version Date: 05-Dec-16

---

**Question ID:** AAU.312_02.000  
**Instrument Variable Name:** ASHFLU_Y  
**Final Documentation Name:** ASHFLUY2

*Enter year of most recent flu shot.*

**Universe:**

ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SHTFLU2 = '1')

**Description:** Sample adults aged 18+ years who have had a flu shot

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; H1N1; swine flu; pandemic flu  
**Notes:** None

Year of most recent flu shot

<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 SHTFLUYR = '1' and PREGNOW = '1' and INTV_MON IN ('01','02','03','08','09','10','11','12')

**Description:** Female sample adults 18-49 who received a flu shot in the past 12 months and are currently pregnant (interviewed January-March or August-December)

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; flu; flu shot; flu vaccine; influenza; pregnant  
**Notes:** None

Flu shot before/during current pregnancy, interviewed Jan-Mar or Aug-Dec, 2014

<table>
<thead>
<tr>
<th>Flu Shot</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Before this pregnancy</td>
</tr>
<tr>
<td>2</td>
<td>During this pregnancy</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
[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?

If interviewed Jan-Mar (curr year):
ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2' and SHTFLUYR = '1' and (PREGFLYR = '1')

If interviewed Apr-July (curr year):
ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2' and SHTFLUYR = '1' and (PREGFLYR = '1')

If interviewed Aug-Dec (curr year):
ASTATFLG = '1' and ('018' <= AGE <= '049') and SEX = '2' and SHTFLUYR = '1' and (PREGFLYR = '1')

Universe: 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).

Flu shot before/during/after a pregnancy

1. Before this pregnancy
2. During this pregnancy
3. After this pregnancy
4. Refused
5. Not ascertained
6. Don't know
DURING THE PAST 12 MONTHS, have you had a flu vaccine sprayed in your nose by a doctor or other health professional? A health professional may have let you spray it. This vaccine is usually given in the fall and protects against influenza for the flu season. [This influenza vaccine is called FluMist.]

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

Description: Sample adults aged 18+ years

<table>
<thead>
<tr>
<th>Flu nasal spray past 12 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
During what month and year did you receive your most recent flu nasal spray?

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SPRFLU2='1')

Description: Sample adults aged 18+ years who have had a flu nasal spray vaccine

Sources: ASPFLUM2

Recodes: None

Keywords: access; source; flu; flu vaccine spray; flumist; influenza; intranasal; LAIV; H1N1; swine flu; pandemic flu

Notes: Categories collapsed for the Public Use file.

Month of most recent flu nasal spray

01 January
02 February
03 March
04 April or May
06 June
07 July
08 August
09 September
10 October
11 November
12 December
97 Refused
98 Not ascertained
99 Don't know
**Question ID:** AAU.318_02.000  
**Instrument Variable Name:** ASPFLU_Y  
**Final Documentation Name:** ASPFLUY2

**Enter year of most recent flu nasal spray.**

<table>
<thead>
<tr>
<th>Year</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>9997</td>
<td>Refused</td>
</tr>
<tr>
<td>9998</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9999</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

**Question ID:** AAU.320_00.000  
**Instrument Variable Name:** SHTPNUYR  
**Final Documentation Name:** SHTPNUYR

**Have you EVER had a pneumonia shot? This shot is usually given only once or twice in a person's lifetime and is different from the flu shot. It is also called the pneumococcal vaccine.**

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

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999') and SPRFLU2 = '1')

Sources: None  
Recodes: None  
Keywords: access; source; flu; flu vaccine spray; flumist; influenza; intranasal; LAIV; H1N1; swine flu; pandemic flu  
Notes: None
Question ID: AAU.330_00.000
Instrument Variable Name: APOX
Final Documentation Name: APOX

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

Question ID: AAU.340_00.000
Instrument Variable Name: APOX12MO
Final Documentation Name: APOX12MO

Have you had chickenpox in the PAST 12 MONTHS?

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

Sources: None
Recodes: None
Keywords: access; source; chickenpox; varicella
Notes: None

Chickenpox, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
### Have you EVER had hepatitis?

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

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

<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>

### 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

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<table>
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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>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Question ID: AAU.365_00.010

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: None

Ever had a blood test for hepatitis B

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

Question ID: AAU.370_00.000

Have you EVER received the hepatitis B vaccine? [This is given in three separate doses and has been available since 1991. It is recommended for newborn infants, adolescents, and people such as health care workers, who may be exposed to the hepatitis B virus.]

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

Description: Sample adults aged 18+ years

Sources: None

Recodes: None

Keywords: access; source; hepatitis B; vaccine; liver

Notes: None

Hepatitis B vaccine (EVER)

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don’t know
Did you receive at least 3 doses of the hepatitis B vaccine, or less than 3 doses?

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

**Description:** Sample adults aged 18+ years who have received the Hepatitis B vaccine

**Sources:** None

**Recodes:** None

**Keywords:** access; source; hepatitis B; vaccine; liver

**Notes:** None

<table>
<thead>
<tr>
<th># doses of hepatitis B vaccine received</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Received at least 3 doses</td>
</tr>
<tr>
<td>2</td>
<td>Received less than 3 doses</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</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:** None

<table>
<thead>
<tr>
<th>Hepatitis A vaccine (EVER)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
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<tr>
<td>7</td>
<td>Refused</td>
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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 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: SHEPANUM
Recodes: None
Keywords: access; source; hepatitis A; vaccine; liver
Notes: Top-coded for the Public Use file.

1 1 shot
2 2 shots
3 3-95 shots
4 Received all shots
7 Refused
8 Not ascertained
9 Don't know

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: None

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

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

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

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**Question ID:** AAU.410_00.010  
**Instrument Variable Name:** SHINGLES  
**Final Documentation Name:** SHINGLES

**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:** \( \text{ASTATFLG} = '1' \) and \( \text{AGE} \geq '050' \) and \( \text{AGE} \) not IN \( (997',999') \)

**Description:** Sample adults aged 50+ years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; shingles, herpes zoster, chicken pox, rash  
**Notes:** None

<table>
<thead>
<tr>
<th>Code</th>
<th>Ever had the Zoster or Shingles vaccine</th>
</tr>
</thead>
<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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</tbody>
</table>
### 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

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

### Was your most recent tetanus shot given in 2005 or later?

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

**Description:** Sample adults aged 18+ years who have had a tetanus shot in the past 10 years

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<td>2</td>
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<tr>
<td>7</td>
<td>Refused</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
Question ID: AAU.440_00.010

Instrument Variable Name: SHTTDAP

Final Documentation Name: SHTTDAP2

There are currently two types of tetanus shots available today. One is the Td or tetanus-diphtheria vaccine and the other is called Tdap or ADACEL™ or BOOSTRIX™. They are similar except the Tdap shot also includes a pertussis (pert-TUH-sis) or whooping cough vaccine. Thinking back to your most recent tetanus shot, did the health care provider tell you or did the vaccine information sheet say the vaccine included the pertussis or whooping cough vaccine? The shot is often called Tdap or ADACEL™ or BOOSTRIX™.

Universe: ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and SHTTD05 IN ('1','7')

Description: Sample adults aged 18+ years who have had a tetanus shot in 2005 or beyond or refused to say if they had a tetanus shot in 2005 or beyond

Sources: None

Recodes: None

Keywords: access; source; vaccine, pertussis, whooping cough, Td; Tdap, ADACEL

Notes: None

Vaccine included pertussis/whooping cough

1  Yes-included pertussis
2  No-did not include pertussis
3  Doctor did not say
7  Refused
8  Not ascertained
9  Don’t know
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

Ever received HPV shot/vaccine

1  Yes
2  No
3  Doctor refused when asked
7  Refused
8  Not ascertained
9  Don't know

How many HPV shots did you receive?

Universe: ASTATFLG = '1' and ('018' <= AGE <= '064' and AGE not IN ('997','999')) and SHTHPV2='1'
Description: Sample adults aged 18-64 years who received an HPV shot

Number of HPV shots received

1  1 shot
2  2 shots
3  3 or more shots
4  Received all shots
7  Refused
8  Not ascertained
9  Don't know
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: AHPVAGE
Recodes: None
Keywords: HPV; shot; vaccine; human papillomavirus; CERVARIX; GARDASIL
Notes: Continuous variable collapsed into categories for the Public Use file.

<table>
<thead>
<tr>
<th>Age at first HPV shot</th>
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<tbody>
<tr>
<td>08-35</td>
<td>8-35</td>
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<tr>
<td>36</td>
<td>36-64</td>
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</tr>
<tr>
<td>97</td>
<td>Refused</td>
<td></td>
</tr>
<tr>
<td>98</td>
<td>Not ascertained</td>
<td></td>
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<tr>
<td>99</td>
<td>Don't know</td>
<td></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: None

Ever told you had any kind of chronic/long-term liver condition

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<tbody>
<tr>
<td>1</td>
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<tr>
<td>8</td>
<td>Not ascertained</td>
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<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Have you ever traveled outside of the United States to countries other than Europe, Japan, Australia, New Zealand or Canada, since 1995?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; travel
Notes: None

Ever traveled outside USA since 1995 (Excluding EUR, JPN, AUS, NZL, and CAN)

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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>
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<tr>
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<td>Not ascertained</td>
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</table>

Do you currently volunteer or work in a hospital, medical clinic, doctor's office, dentist's office, nursing home or some other health-care facility? This includes 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 = 'I' 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: None

Work or volunteer in a health care setting

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<tr>
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<td>8</td>
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<tr>
<td>9</td>
<td>Don't know</td>
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</tbody>
</table>
2014 NATIVE HAWAIIAN AND PACIFIC ISLANDER (NHPI) NHIS Sample Adult
samadult : Adult Access to Health Care & Utilization
PUBLIC USE
Document Version Date: 05-Dec-16

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: None

Direct contact with patients
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know

Question ID: AAU.500_00.010
Instrument Variable Name: APSBPCHK
Final Documentation Name: APSBPCH1

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: In 2014, additional blood pressure screening questions were included in the CAN section (HYBPCKNO and HYBPCKTP). Valid responses from those questions were used to fill the response to this question, and this question was not asked directly. Sample adults with Don’t know or Refused responses to HYBPCKNO were asked this question, unless they broke off participation prior to this point. Values for persons who broke off participation prior to this point are coded as not ascertained, even if there were valid responses to HYBPCKNO and HYBPCKTP. The variable name was changed from APSBPCHK to APSBPCH1 to reflect this modification. Estimates based on APSBPCH1 are not comparable with earlier years.

Blood pressure checked by doctor/nurse/health professional, past 12 m
1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
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: In 2014, additional cholesterol screening questions were included in the CAN section (CLCKNO and CLCKTP). Valid responses from those questions were used to fill the response to this question, and this question was not asked directly. Sample adults with Don’t know or Refused responses to CLCKNO were asked this question, unless they broke off participation prior to this point. Values for persons who broke off participation prior to this point are coded as not ascertained, even if there were valid responses to CLCKNO and CLCKTP. The variable name was changed from APSCHCHK to APSCHCH1 to reflect this modification. Estimates based on APSCHCH1 are not comparable with earlier years.

Cholesterol checked by doctor/nurse/health professional, past 12 m

1 Yes
2 No
7 Refused
8 Not ascertained
9 Don't know
Question ID: AAU.520_00.010  Instrument Variable Name: APSBSCHK  
Final Documentation Name: APSBSCH1

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

Keyword: access; source; high sugar; sugar diabetes; high blood glucose

Notes: In 2014, additional blood pressure and cholesterol screening questions were included in the CAN 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. Preliminary analyses suggest that estimates based on APSBSCH1 are not comparable with earlier years.

Fasting test for high blood sugar/diabetes, past 12 m

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

Question ID: AAU.530_00.010  Instrument Variable Name: APSPAP  
Final Documentation Name: APSPAP

Have you had a Pap smear or Pap test DURING THE PAST 12 MONTHS?

[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

Keyword: access; source; pap test; pap smear

Notes: None

Pap smear/test, past 12 m

1  Yes
2  No
7  Refused
8  Not ascertained
9  Don't know
Question ID: AAU.540_00.010  
Instrument Variable Name: APSMAM
Final Documentation Name: APSMAM

**Have you had a Mammogram DURING THE PAST 12 MONTHS?**

*A mammogram is an x-ray of each breast to look for breast cancer.*

Universe: ASTATFLG = '1' and (AGE GE '030' and AGE not IN ('997','999')) and SEX='2'

Description: Female sample adults aged 30+ years

Sources: None
Recodes: None
Keywords: access; source; mammogram; mammography
Notes: None

Mammogram, past 12 m

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

Question ID: AAU.550_00.010  
Instrument Variable Name: APSCOL
Final Documentation Name: APSCOL

**DURING THE PAST 12 MONTHS, have you had any test done for colon cancer?**

*Colon cancer tests include blood stool tests, colonoscopy and sigmoidoscopy. A blood stool test is a test that may use a special kit at home to determine whether the stool contains blood. A sigmoidoscopy and colonoscopy are exams in which a tube is inserted in the rectum to view the colon for signs of cancer or other health problems.*

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

Description: Sample adults aged 40+ years

Sources: None
Recodes: None
Keywords: access; source; colonoscopy; sigmoidoscopy; stool test; occult test
Notes: None

Test for colon cancer, past 12 m

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don’t know
**Question ID:** AAU.560_00.010  
**Instrument Variable Name:** APSDIET  
**Final Documentation Name:** APSDIET

**DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your diet?**

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

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

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; diet  
**Notes:** None

Doctor/health professional talked to you about diet, past 12 m

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

---

**Question ID:** AAU.570_00.010  
**Instrument Variable Name:** APSSMKC  
**Final Documentation Name:** APSSMKC

**DURING THE PAST 12 MONTHS, has a doctor or other health professional talked to you about your smoking?**

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

**Description:** Sample adults aged 18+ years who currently smoke every day or some days

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; smoke; smoking; cigarettes; tobacco  
**Notes:** None

Doctor/health professional talked to you about smoking, past 12 m

1. Yes
2. No
3. Refused
4. Not ascertained
5. Don't know
**Question ID:** AAU.580_00.010  
**Instrument Variable Name:** LTCFAM  
**Final Documentation Name:** LTCFAM

**Do you have a parent, spouse, sibling, or adult child who has needed help for at least a year with everyday needs like bathing, dressing or eating due to a long term condition? [Due to a chronic illness or disability.]**

**Universe:** ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; long term care; ADLs |
| Notes: | None |

**Have family member who needed ADL help for 1+ yrs**

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

**Question ID:** AAU.582_00.010  
**Instrument Variable Name:** LTCHELP  
**Final Documentation Name:** LTCHELP

**How likely is it that you may someday need help with daily activities like bathing, dressing, eating, or using the toilet due to a long term condition? Would you say…**

**Universe:** ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

| Sources: | None |
| Recodes: | None |
| Keywords: | access; source; long term care; ADLs |
| Notes: | None |

**How likely you will need ADL help**

1. Very likely
2. Somewhat likely
3. Somewhat unlikely
4. Very unlikely
7. Refused
8. Not ascertained
9. Don’t know
**Question ID:** AAU.584_01.010  
**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO1

**If you needed such help, who would provide this help? …My family**

**Universe:** ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs  
**Notes:** None

Family would provide ADL help

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

**Question ID:** AAU.584_02.010  
**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO2

**If you needed such help, who would provide this help? …Someone I hire**

**Universe:** ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999'))

**Description:** Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs  
**Notes:** None

Hire someone to provide ADL help

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don’t know
### Question ID: AAU.584_03.010

**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO3

**If you needed such help, who would provide this help? ...Home health care organization**

**Universe:** ASTATFLG = '1' and ('040' <=AGE <= '065' and AGE not IN ('997','999'))  
**Description:** Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs  
**Notes:** None

Home health care organization would provide ADL help

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

---

### Question ID: AAU.584_04.010

**Instrument Variable Name:** LTCWHO1-LTCWHO5  
**Final Documentation Name:** LTCWHO4

**If you needed such help, who would provide this help? ...Nursing home/assisted living**

**Universe:** ASTATFLG = '1' and ('040' <=AGE <= '065' and AGE not IN ('997','999'))  
**Description:** Sample adults aged 40-65 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; long term care; ADLs  
**Notes:** None

Nursing home/assisted living would provide ADL help

- 1 Mentioned  
- 2 Not mentioned  
- 7 Refused  
- 8 Not ascertained  
- 9 Don’t know
If you needed such help, who would provide this help? …Other

Universe: ASTATFLG = '1' and ('040' <= AGE <= '065' and AGE not IN ('997','999'))

Description: Sample adults aged 40-65 years

Sources: None
Recodes: None
Keywords: access; source; long term care; ADLs
Notes: None

Other would provide ADL help

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

DURING THE PAST 3 YEARS, did you try to purchase health insurance directly, that is, not through any employer, union, or government program?

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

Description: Sample adults aged 18+ years

Sources: None
Recodes: None
Keywords: access; source; health insurance; health care coverage; health plan
Notes: None

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?

<table>
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<tr>
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<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999')) and AINDINS='1'</th>
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<tbody>
<tr>
<td>Description</td>
<td>Sample adults aged 18+ years who tried to purchase health insurance directly in the past 3 years</td>
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<table>
<thead>
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<td>Recodes</td>
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<tr>
<td>Keywords</td>
<td>access; source; health insurance, health care coverage; health plan</td>
</tr>
<tr>
<td>Notes</td>
<td>None</td>
</tr>
</tbody>
</table>

Purchased health insurance directly, past 3 yrs

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

---

**Question ID:** AAU.600_00.030  
**Instrument Variable Name:** AINDWHO  
**Final Documentation Name:** AINDWHO

### Was this plan for yourself, someone else in your family, or both?

<table>
<thead>
<tr>
<th>Universe</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1'</th>
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<tbody>
<tr>
<td>Description</td>
<td>Sample adults aged 18+ years who purchased health insurance directly in the past 3 years</td>
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<table>
<thead>
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<td>Recodes</td>
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<td>Keywords</td>
<td>access; source; health insurance; health care coverage; health plan</td>
</tr>
<tr>
<td>Notes</td>
<td>None</td>
</tr>
</tbody>
</table>

For whom was health insurance purchased, past 3 yrs

1. Self  
2. Someone else in family  
3. Both  
7. Refused  
8. Not ascertained  
9. Don’t know
### Question ID: AAU.600_00.040  
**Instrument Variable Name:** AINDDIF1  
**Final Documentation Name:** AINDDIF1

**How difficult was it to find a plan with the type of coverage you needed? Would you say…**

| **Universe:** | ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997','999')) and AINDPRCH='1' |
| **Description:** | Sample adults aged 18+ years who purchased health insurance directly in the past 3 years |

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan  
**Notes:** None

#### How difficult to find health insurance for coverage needed, past 3 yrs

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Very difficult</td>
</tr>
<tr>
<td>2</td>
<td>Somewhat difficult</td>
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<tr>
<td>3</td>
<td>Not at all difficult</td>
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<tr>
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<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don’t know</td>
</tr>
</tbody>
</table>

### 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:** None

#### How difficult to find affordable health insurance, past 3 yrs

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
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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>
Did any company turn you down when you tried to buy coverage on your own?

**Question ID:** AAU.600_01.060  
**Instrument Variable Name:** AINDENY1  
**Final Documentation Name:** AINDENY1

**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:** None

**Turned down for coverage, past 3 yrs**

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

---

Did any company charge a higher price because of [your/your family's/you or your family's] health?

**Question ID:** AAU.600_02.060  
**Instrument Variable Name:** AINDENY2  
**Final Documentation Name:** AINDENY2

**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:** None

**Charged higher price for coverage because of health, past 3 yrs**

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don’t know
**Question ID:** AAU.600_03.060  
**Instrument Variable Name:** AINDENY3  
**Final Documentation Name:** AINDENY3

**Did any company exclude a specific health problem from the coverage?**

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

**Description:** Sample adults aged 18+ years who purchased health insurance directly in the past 3 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage, health plan  
**Notes:** None

Specific health problem excluded from coverage, past 3 yrs

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

---

**Question ID:** AAU.601_01.070  
**Instrument Variable Name:** AINDNOT1-AINDNOT5  
**Final Documentation Name:** AINDNOT1

**Why did you not buy the plan?  …Turned down**

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

**Description:** Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

**Sources:** None  
**Recodes:** None  
**Keywords:** access; source; health insurance; health care coverage; health plan; past 3 yrs  
**Notes:** None

Didn't buy plan because turned down, past 3 yrs

1. Mentioned  
2. Not mentioned  
7. Refused  
8. Not ascertained  
9. Don’t know
Question ID: AAU.601_02.070  
Instrument Variable Name: AINDNOT1-AINDNOT5  
Final Documentation Name: AINDNOT2

Why did you not buy the plan? ...Cost

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

Description: Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

Sources: None
Recodes: None
Keywords: access; source; health insurance; health care coverage; expense, health plan; past 3 yrs
Notes: None

Didn't buy plan because of cost, past 3 yrs

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

Question ID: AAU.601_03.070  
Instrument Variable Name: AINDNOT1-AINDNOT5  
Final Documentation Name: AINDNOT3

Why did you not buy the plan? ...Pre-existing condition

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

Description: Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

Sources: None
Recodes: None
Keywords: access; source; health insurance; health care coverage; health plan; past 3 yrs
Notes: None

Didn't buy plan because of pre-existing condition, past 3 yrs

1 Mentioned
2 Not mentioned
7 Refused
8 Not ascertained
9 Don’t know
### Why did you not buy the plan?  …Got health insurance from other source

**Universe:**  
ASTATFLG=’1’ and (AGE GE ‘018’ and AGE not IN (’997’,’999’)) and AINDPRCH=’2’

**Description:**  
Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
access; source; health insurance; health care coverage; health plan; past 3 yrs

**Notes:**  
None

Didn't buy plan because got health insurance from other source, past 3 yrs

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

### Why did you not buy the plan?  …Other reason

**Universe:**  
ASTATFLG=’1’ and (AGE GE ’018’ and AGE not IN (’997’,’999’)) and AINDPRCH=’2’

**Description:**  
Sample adults aged 18+ years who tried but did not purchase health insurance directly in the past 3 years

**Sources:**  
None

**Recodes:**  
None

**Keywords:**  
access; source; health insurance; health care coverage; health plan; past 3 yrs

**Notes:**  
None

Other reason didn't buy plan, past 3 yrs

<table>
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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 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: None

Looked into purchasing health insurance through Healthcare.gov or Marketplace

1 Yes
2 No
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?

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

About how long have you lived in your present neighborhood?

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…

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

1   Definitely agree
2   Somewhat agree
3   Somewhat disagree
4   Definitely disagree
7   Refused
8   Not ascertained
9   Don't know
**Question ID:** ASL190_00.000  
**Instrument Variable Name:** ACINKNT  
**Final Documentation Name:** ASINKNT

**How much do you agree or disagree with the following statements about your neighborhood?**

**This is a close-knit neighborhood.**

**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...close-knit neighborhood**

1. Definitely agree  
2. Somewhat agree  
3. Somewhat disagree  
4. Definitely disagree  
7. Refused  
8. Not ascertained  
9. Don't know

**Question ID:** ASL220_00.000  
**Instrument Variable Name:** ACISIM  
**Final Documentation Name:** ASISIM

**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='1'

**Description:** Male sample adults 18+

**Sources:** None  
**Recodes:** None  
**Keywords:** Sexual orientation  
**Notes:** None  
**Test:** Find testing evaluation report at [http://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx](http://wwwn.cdc.gov/qbank/Surveys/NHIS.aspx)

**How you think of yourself (sexual orientation; male)**

1. Gay  
2. Straight, that is, not gay  
3. Bisexual  
4. Something else  
5. I don't know the answer  
7. Refused  
8. Not ascertained
Which of the following best represents how you think of yourself?

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

**Description:** Female sample adults 18+

**Sources:** None

**Recodes:** None

**Keywords:** Sexual orientation

**Notes:** None

**Test:** Find testing evaluation report at http://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

<table>
<thead>
<tr>
<th>How worried are you right now about not being able to pay medical costs of a serious illness or accident? Are you…</th>
</tr>
</thead>
</table>

| 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 |

<table>
<thead>
<tr>
<th>How worried are you about…medical costs of illness/accident</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>How worried are you right now about not being able to maintain the standard of living you enjoy? Are you…</th>
</tr>
</thead>
</table>

| 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 |

<table>
<thead>
<tr>
<th>How worried are you about…maintaining standard of living</th>
</tr>
</thead>
</table>

1. Very worried
2. Moderately worried
3. Not too worried
4. Not worried at all
7. Refused
8. Not ascertained
9. Don't know
How worried are you right now about not being able to pay medical costs for normal healthcare? Are you…

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

Description: Sample adults 18+

Question ID: ASL290_00.000
Instrument Variable Name: ACICNHC
Final Documentation Name: ASICNHC

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

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+

Question ID: ASL300_00.000
Instrument Variable Name: ACICCOLL
Final Documentation Name: ASICCOLL

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
### Question ID: ASL310_00.000

**Instrument Variable Name:** ACINBILL  
**Final Documentation Name:** ASINBILL

**How worried are you right now about not having enough to pay your normal monthly bills? Are you…**

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<tr>
<th>Universe:</th>
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<tbody>
<tr>
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<td>Sample adults 18+</td>
</tr>
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<td><strong>Recodes:</strong></td>
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<td><strong>Keywords:</strong></td>
<td>worry; finance; bills</td>
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<tr>
<td><strong>Notes:</strong></td>
<td>None</td>
</tr>
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</table>

#### How worried are you about…paying monthly bills

1. Very worried  
2. Moderately worried  
3. Not too worried  
4. Not worried at all  
7. Refused  
8. Not ascertained  
9. Don't know

### Question ID: ASL320_00.000

**Instrument Variable Name:** ACIHCST  
**Final Documentation Name:** ASIHCST

**How worried are you right now about not being able to pay your rent, mortgage, or other housing costs? Are you…**

<table>
<thead>
<tr>
<th>Universe:</th>
<th>ASTATFLG = '1' and (AGE GE '018' and AGE not IN ('997', '999'))</th>
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<tr>
<td><strong>Keywords:</strong></td>
<td>worry; finance; rent; mortgage</td>
</tr>
<tr>
<td><strong>Notes:</strong></td>
<td>None</td>
</tr>
</tbody>
</table>

#### How worried are you about…paying rent/mortgage/housing costs

1. Very worried  
2. Moderately worried  
3. Not too worried  
4. Not worried at all  
7. Refused  
8. Not ascertained  
9. Don't know
How worried are you right now about not being able to make the minimum payments on your credit cards? Are you...

- **Question ID:** ASL330_00.000  
  **Instrument Variable Name:** ACICCMP  
  **Final Documentation Name:** ASICCMP

  **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?

- **Question ID:** ASL340_00.000 RECODE  
  **Instrument Variable Name:** ACISLEEP  
  **Final Documentation Name:** ASISLEPR

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

  **Description:** Sample adults 18+

  **Sources:** ASISLEEP

  **Recodes:** None

  **Keywords:** Sleep

  **Notes:** Recoded for the public use file.

  Hours of sleep recode

  03  1-3 hours  
  04-11  4-11 hours  
  12  12 or more 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+

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

# times having trouble falling asleep, past week

00 Did not have trouble falling asleep in the past week
01-06 1-6 times
07 7 or more times
97 Refused
98 Not ascertained
99 Don't know

In the past week, how many times did you have trouble staying asleep?

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

Description: Sample adults 18+

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

# times having trouble staying asleep, past week

00 Did not have trouble staying asleep in the past week
01-06 1-6 times
07 7 or more times
97 Refused
98 Not ascertained
99 Don't know
In the past week, how many times did you take medication to help you fall asleep or stay asleep?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: sleep; medication

Notes: None

# times taking medication for sleep, past week

00 Did not take medication to help sleep in the past week
01-06 1-6 times
07 7 or more times
97 Refused
98 Not ascertained
99 Don't know

In the past week, on how many days did you wake up feeling well rested?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: sleep; rest

Notes: None

Days woke up feeling rested, past week

00 Never felt rested in the past week
01-07 1-7 days
97 Refused
98 Not ascertained
99 Don't know
DURING THE PAST 30 DAYS, how often did you feel

...so sad that nothing could cheer you up?

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

Description: Sample adults 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
<table>
<thead>
<tr>
<th>Question ID:</th>
<th>ASL390_02.000</th>
<th>Instrument Variable Name:</th>
<th>ACINERV</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Final Documentation Name:</td>
<td>ASINERV</td>
</tr>
</tbody>
</table>

**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).

<table>
<thead>
<tr>
<th>How often felt nervous, past 30 days</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
<tr>
<td>4</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>7</td>
</tr>
<tr>
<td>8</td>
</tr>
<tr>
<td>9</td>
</tr>
</tbody>
</table>
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)

<table>
<thead>
<tr>
<th>How often restless/fidgety, past 30 days</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ALL of the time</td>
</tr>
<tr>
<td>2</td>
<td>MOST of the time</td>
</tr>
<tr>
<td>3</td>
<td>SOME of the time</td>
</tr>
<tr>
<td>4</td>
<td>A LITTLE of the time</td>
</tr>
<tr>
<td>5</td>
<td>NONE of the time</td>
</tr>
<tr>
<td>7</td>
<td>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 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?

**Question ID:** ASI400_00.000  
**Instrument Variable Name:** ACIMUCH  
**Final Documentation Name:** ASIMUCH

**Universe:** 
\[ASTATFLG = '1' \text{ and } (AGE GE '018' \text{ and } AGE not IN ('997','999')) \text{ and } (ASISAD IN('1','2','3') \text{ or } ASINERV IN('1','2','3') \text{ or } ASIRSTLS IN('1','2','3') \text{ or } ASIHOPLS IN('1','2','3') \text{ or } ASIEFFRT IN('1','2','3') \text{ or } ASIWTHLS IN('1','2','3'))\]

**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**

<table>
<thead>
<tr>
<th>1</th>
<th>A lot</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Some</td>
</tr>
<tr>
<td>3</td>
<td>A little</td>
</tr>
<tr>
<td>4</td>
<td>Not at all</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>

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**Question ID:** ASI410_00.000  
**Instrument Variable Name:** ACIHIVT  
**Final Documentation Name:** ASIHIVT

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

**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)

**Ever been tested for HIV**

<table>
<thead>
<tr>
<th>1</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
I am going to show you a list of reasons why some people have not been tested for HIV (the virus that causes AIDS). Which one of these would you say is the MAIN reason why you have not been tested?

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

Description: Sample adults 18+ who have never been tested for HIV

Main reason not tested for HIV

01  It's unlikely you've been exposed to HIV
02  You were afraid to find out if you were HIV positive (that you had HIV)
03  You didn't want to think about HIV or about being HIV positive
04  You were worried your name would be reported to the government if you tested positive
05  You didn't know where to get tested
06  You don't like needles
07  You were afraid of losing job, insurance, housing, friends, family, if people knew you were positive for AIDS infection
08  Some other reason
09  No particular reason
97  Refused
98  Not ascertained
99  Don't know
The next questions are about your Internet and email use.

**Do you use the Internet?**

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

**Description:** Sample adults 18+

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

**Question ID:** AWB.010_00.000

**Instrument Variable Name:** AWEBUSE

**Final Documentation Name:** AWEBUSE

**Research companies invite people to become members of online research panels where they regularly respond to surveys online. Are you currently a member of an online research panel?**

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

**Description:** Sample adults 18+ who use the internet

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
</tr>
<tr>
<td>7</td>
<td>Refused</td>
</tr>
<tr>
<td>8</td>
<td>Not ascertained</td>
</tr>
<tr>
<td>9</td>
<td>Don't know</td>
</tr>
</tbody>
</table>
Do you send or receive emails?

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

Description: Sample adults 18+

Sources: None

Recodes: None

Keywords: email use

Notes: None

Email use

1. Yes
2. No
7. Refused
8. Not ascertained
9. Don't know
<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Response Values</td>
<td>Output Response Values</td>
<td>Output Response Labels</td>
</tr>
<tr>
<td>0170</td>
<td>01</td>
<td>Agriculture Industries</td>
</tr>
<tr>
<td>0180</td>
<td>02</td>
<td>Crop production</td>
</tr>
<tr>
<td>0190, 0270</td>
<td>03</td>
<td>Animal production</td>
</tr>
<tr>
<td>0280</td>
<td>04</td>
<td>Forestry and logging</td>
</tr>
<tr>
<td>0290</td>
<td>05</td>
<td>Fishing, hunting, and trapping</td>
</tr>
<tr>
<td>0370</td>
<td>06</td>
<td>Support activities for agriculture and forestry</td>
</tr>
<tr>
<td>0380, 0390, 0470, 0480</td>
<td>07</td>
<td>Mining industries</td>
</tr>
<tr>
<td>0490</td>
<td>08</td>
<td>Oil and gas extraction</td>
</tr>
<tr>
<td>0570, 0580, 0590, 0670, 0680, 0690</td>
<td>09</td>
<td>Support activities for mining</td>
</tr>
<tr>
<td>0770</td>
<td>10</td>
<td>Utilities Industries</td>
</tr>
<tr>
<td>1070, 1080, 1090, 1170, 1180, 1190, 1270, 1280</td>
<td>11</td>
<td>Construction Industries</td>
</tr>
<tr>
<td>1370, 1390</td>
<td>12</td>
<td>Manufacturing Industries</td>
</tr>
<tr>
<td>1470, 1490</td>
<td>13</td>
<td>Food manufacturing</td>
</tr>
<tr>
<td>1570, 1590, 1670</td>
<td>14</td>
<td>Beverage and tobacco product manufacturing</td>
</tr>
<tr>
<td>1680, 1690, 1770</td>
<td>15</td>
<td>Textile mills</td>
</tr>
<tr>
<td>1790</td>
<td>16</td>
<td>Textile product mills</td>
</tr>
<tr>
<td>3770, 3780, 3790, 3875</td>
<td>17</td>
<td>Apparel manufacturing</td>
</tr>
<tr>
<td>1870, 1880, 1890</td>
<td>18</td>
<td>Leather and allied product manufacturing</td>
</tr>
<tr>
<td>1990</td>
<td>19</td>
<td>Wood product manufacturing</td>
</tr>
<tr>
<td>2070, 2090</td>
<td>20</td>
<td>Paper manufacturing</td>
</tr>
<tr>
<td>2170, 2180, 2190, 2270, 2280, 2290</td>
<td>21</td>
<td>Printing and related support activities</td>
</tr>
<tr>
<td>2370, 2380, 2390</td>
<td>22</td>
<td>Petroleum and coal products manufacturing</td>
</tr>
<tr>
<td>2470, 2480, 2490, 2570, 2590</td>
<td>23</td>
<td>Chemical manufacturing</td>
</tr>
<tr>
<td>2670, 2680, 2690, 2770, 2780, 2990</td>
<td>24</td>
<td>Plastics and rubber products manufacturing</td>
</tr>
<tr>
<td>2790, 2870, 2880, 2890, 2970, 2980</td>
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<td>Nonmetallic mineral product manufacturing</td>
</tr>
<tr>
<td>3070, 3080, 3095, 3170, 3180, 3190, 3290</td>
<td>26</td>
<td>Primary metal manufacturing</td>
</tr>
<tr>
<td>3365, 3370, 3380, 3390</td>
<td>27</td>
<td>Fabricated metal product manufacturing</td>
</tr>
<tr>
<td>3470, 3490</td>
<td>28</td>
<td>Machinery manufacturing</td>
</tr>
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<td>3570, 3580, 3590, 3670, 3680, 3690</td>
<td>29</td>
<td>Computer and electronic product manufacturing</td>
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<tr>
<td>3895</td>
<td>30</td>
<td>Transportation equipment manufacturing</td>
</tr>
<tr>
<td>3960, 3970, 3980, 3990</td>
<td>31</td>
<td>Furniture and related product manufacturing</td>
</tr>
<tr>
<td>4070, 4080, 4090, 4170, 4180, 4195, 4265, 4270, 4280, 4290</td>
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<td>Miscellaneous manufacturing</td>
</tr>
<tr>
<td>4370, 4380, 4390, 4470, 4480, 4490, 4560, 4570, 4580, 4585</td>
<td>33</td>
<td>Wholesale Trade Industries</td>
</tr>
<tr>
<td>4590</td>
<td>34</td>
<td>Merchant wholesalers, durable goods</td>
</tr>
<tr>
<td>4670, 4680, 4690</td>
<td>35</td>
<td>Merchant wholesalers, nondurable goods</td>
</tr>
<tr>
<td>4770</td>
<td>36</td>
<td>Non-store retailers and non-specified retail trade</td>
</tr>
<tr>
<td>4780, 4795</td>
<td>37</td>
<td>Retail Trade Industries</td>
</tr>
<tr>
<td>4870, 4880, 4890</td>
<td>38</td>
<td>Motor vehicle and parts dealers</td>
</tr>
<tr>
<td>4970, 4980, 4990</td>
<td>39</td>
<td>Furniture and home furnishings stores</td>
</tr>
<tr>
<td>5070, 5080</td>
<td>40</td>
<td>Electronics and appliance stores</td>
</tr>
<tr>
<td>5090</td>
<td>41</td>
<td>Building material and garden equipment and supplies dealers</td>
</tr>
<tr>
<td>5170, 5180, 5190</td>
<td>42</td>
<td>Food and beverage stores</td>
</tr>
<tr>
<td>5275, 5280, 5295, 5370</td>
<td>43</td>
<td>Health and personal care stores</td>
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<tr>
<td>5380, 5390</td>
<td>44</td>
<td>Gasoline stations</td>
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<tr>
<td>5470, 5480, 5490, 5570, 5580</td>
<td>45</td>
<td>Clothing and clothing accessories stores</td>
</tr>
<tr>
<td>5590, 5591, 5592, 5670, 5680, 5690, 5790</td>
<td>46</td>
<td>Sporting goods, camera, hobby, book and music stores</td>
</tr>
<tr>
<td>6070, 6080, 6090, 6170, 6180, 6190, 6270, 6280, 6370, 6380</td>
<td>47</td>
<td>General merchandise stores</td>
</tr>
<tr>
<td>6390</td>
<td>48</td>
<td>Miscellaneous store retailers</td>
</tr>
<tr>
<td>6470, 6480, 6490</td>
<td>49</td>
<td>Non-store retailers and non-specified retail trade</td>
</tr>
<tr>
<td>6570, 6590</td>
<td>50</td>
<td>Transportation and Warehousing Industries</td>
</tr>
<tr>
<td>6670, 6680, 6690</td>
<td>51</td>
<td>Transportation (including support activities for transportation)</td>
</tr>
<tr>
<td>6770, 6672, 6695, 6780</td>
<td>52</td>
<td>Postal service, couriers, and messengers</td>
</tr>
<tr>
<td>6870</td>
<td>53</td>
<td>Warehousing and storage</td>
</tr>
<tr>
<td>6880, 6890</td>
<td>54</td>
<td>Information Industries</td>
</tr>
<tr>
<td>6970</td>
<td>55</td>
<td>Publishing industries (except internet)</td>
</tr>
<tr>
<td>6990</td>
<td>56</td>
<td>Motion picture and sound recording industries</td>
</tr>
<tr>
<td>7070</td>
<td>57</td>
<td>Broadcasting and telecommunications</td>
</tr>
<tr>
<td>7080, 7170, 7180</td>
<td>58</td>
<td>Information services and data processing</td>
</tr>
<tr>
<td>7190</td>
<td>59</td>
<td>Finance and Insurance Industries</td>
</tr>
<tr>
<td>7270, 7280, 7290, 7370, 7380, 7390, 7460, 7470, 7480, 7490</td>
<td>60</td>
<td>Monetary authorities -- central bank</td>
</tr>
<tr>
<td>7470, 7490</td>
<td>61</td>
<td>Credit intermediation and related activities</td>
</tr>
<tr>
<td>7480, 7490</td>
<td>62</td>
<td>Securities, commodity contracts, and other financial investments and related activities</td>
</tr>
<tr>
<td>7490</td>
<td>63</td>
<td>Insurance carriers and related activities</td>
</tr>
<tr>
<td>7570</td>
<td>64</td>
<td>Real Estate and Rental and Leasing Industries</td>
</tr>
<tr>
<td>7670</td>
<td>65</td>
<td>Real estate</td>
</tr>
<tr>
<td>7770</td>
<td>66</td>
<td>Rental and leasing services</td>
</tr>
<tr>
<td>7870, 7890, 7895</td>
<td>67</td>
<td>Lessors of nonfinancial intangible assets (except copyrighted works)</td>
</tr>
<tr>
<td>7970</td>
<td>68</td>
<td>Professional, Scientific, and Technical Services Industries</td>
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<tr>
<td>Industry Code</td>
<td>Industry Description</td>
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</tr>
<tr>
<td>--------------</td>
<td>----------------------</td>
<td></td>
</tr>
<tr>
<td>7570</td>
<td>Management of Companies and Enterprises Industries</td>
<td></td>
</tr>
<tr>
<td>7580, 7590, 7670, 7680, 7690, 7770, 7780, 7790</td>
<td></td>
<td></td>
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<tr>
<td>7860, 7870, 7880 7890</td>
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</tr>
<tr>
<td>7970, 7980, 7990, 8070, 8080, 8090, 8170, 8180 8190</td>
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<td></td>
</tr>
<tr>
<td>8270, 8290 8370, 8380, 8390, 8470</td>
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</tr>
<tr>
<td>8560</td>
<td>Administrative and Support and Waste Management and Remediation Services Industries</td>
<td></td>
</tr>
<tr>
<td>8570, 8580, 8590</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8660, 8670 8680, 8690</td>
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<td></td>
</tr>
<tr>
<td>8770, 8780, 8790, 8870, 8880, 8890 8970, 8980, 8990, 9070, 9080, 9090</td>
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<td></td>
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<td>62</td>
<td>Management of Companies and Enterprises Industries</td>
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<tr>
<td>63</td>
<td>Administrative and Support and Waste Management and Remediation Services Industries</td>
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<tr>
<td>64</td>
<td>Education Services Industries</td>
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<td>Health Care and Social Assistance Industries</td>
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<td>66</td>
<td>Ambulatory health care services</td>
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<td>Nursing and residential care facilities</td>
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<td>Arts, Entertainment, and Recreation Industries</td>
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<tr>
<td>71</td>
<td>Performing arts, spectator sports, and related industries</td>
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<td>72</td>
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<tr>
<td>73</td>
<td>Amusement, gambling, and recreation industries</td>
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<tr>
<td>74</td>
<td>Accommodation and Food Services Industries</td>
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<td>Accommodation</td>
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</tr>
<tr>
<td>76</td>
<td>Food services and drinking places</td>
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<td>77</td>
<td>Other Services (except Public Administration) Industries</td>
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<tr>
<td>78</td>
<td>Repair and maintenance</td>
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<tr>
<td>79</td>
<td>Personal services (barber shops, beauty salons, nail salons, laundry, funeral homes and cemeteries)</td>
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<tr>
<td>80</td>
<td>Religious, grantmaking, civic, labor, professional, and similar organizations</td>
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<tr>
<td>81</td>
<td>Private households</td>
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<td>82</td>
<td>Public Administration Industries</td>
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<tr>
<td>83</td>
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### Numeric listing of Response Values and Labels for INDSTRN2 / INDSTLH2 (simple industry recode)

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<td>Construction Industries</td>
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<td>Administrative and Support and Waste Management and Remediation Services</td>
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<td>Accommodation and Food Services Industries</td>
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Note: INDSTRN1's 79 distinct categories and INDSTRN2's 21 categories are derived from the NAICS Industry Subsectors and Sectors, respectively, as identified by the U.S. Census Bureau. For additional supplemental information on these Industry Sectors and Subsectors, please see [ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/NAICS_Sectors_and_Subsectors.pdf](ftp://ftp.cdc.gov/pub/Health_Statistics/NCHS/Datasets/NHIS/NAICS_Sectors_and_Subsectors.pdf).
### OCCUPN APPENDIX: OCCUPATION RECODE APPENDIX based on 4-digit 2010 SOC codes

Numeric listing of Response Values and Labels for OCCUPN1 / OCCLH1 (detailed occupation recode)

<table>
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<tr>
<th>Column 1 Input Response Values</th>
<th>Column 2 Output Response Values</th>
<th>Column 3 Output Response Labels</th>
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<td>0010, 0020, 0030</td>
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<td>Management Occupations</td>
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<td>0040, 0050, 0060</td>
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<td>Chief executives; general and operations managers; legislators</td>
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<td>03</td>
<td>Advertising, marketing, promotions, public relations, and sales managers</td>
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<tr>
<td>0205, 0220, 0230, 0300, 0310, 0325, 0330, 0340, 0350, 0360, 0400, 0410, 0420, 0425, 0430</td>
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<td>Operations specialties managers</td>
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<td>Business and Financial Operations Occupations</td>
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<td>Drafters, engineering, and mapping technicians</td>
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<td>Physical scientists</td>
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<td>2145, 2160</td>
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<td>Life, physical, and social science technicians</td>
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<td>Community and Social Services Occupations</td>
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<td>Counselors, social workers, and other community and social service specialists</td>
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<td>Lawyers, judges, and related workers</td>
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<td>Legal support workers</td>
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<td>Education, Training, and Library Occupations</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>Other education, training, and library occupations</td>
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<td>Arts, Design, Entertainment, Sports, and Media Occupations</td>
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<td>Entertainers and performers, sports and related workers</td>
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<td>Healthcare Practitioners and Technical Occupations</td>
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<td>Food Preparation and Serving Related Occupations</td>
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